

### Load capacity charts

These load capacity charts meet the requirements of ANSI B30.5 (incl. SAE J987, SAE J765).

The machine classification acc. ISO 4301/1 and /2 given by the manufacturer is A1 (Q1, U2). Please see also operating manual chapter 1 "Equipment rating" where the state of loading (Q1) and the class of utilization (U2) is explained.

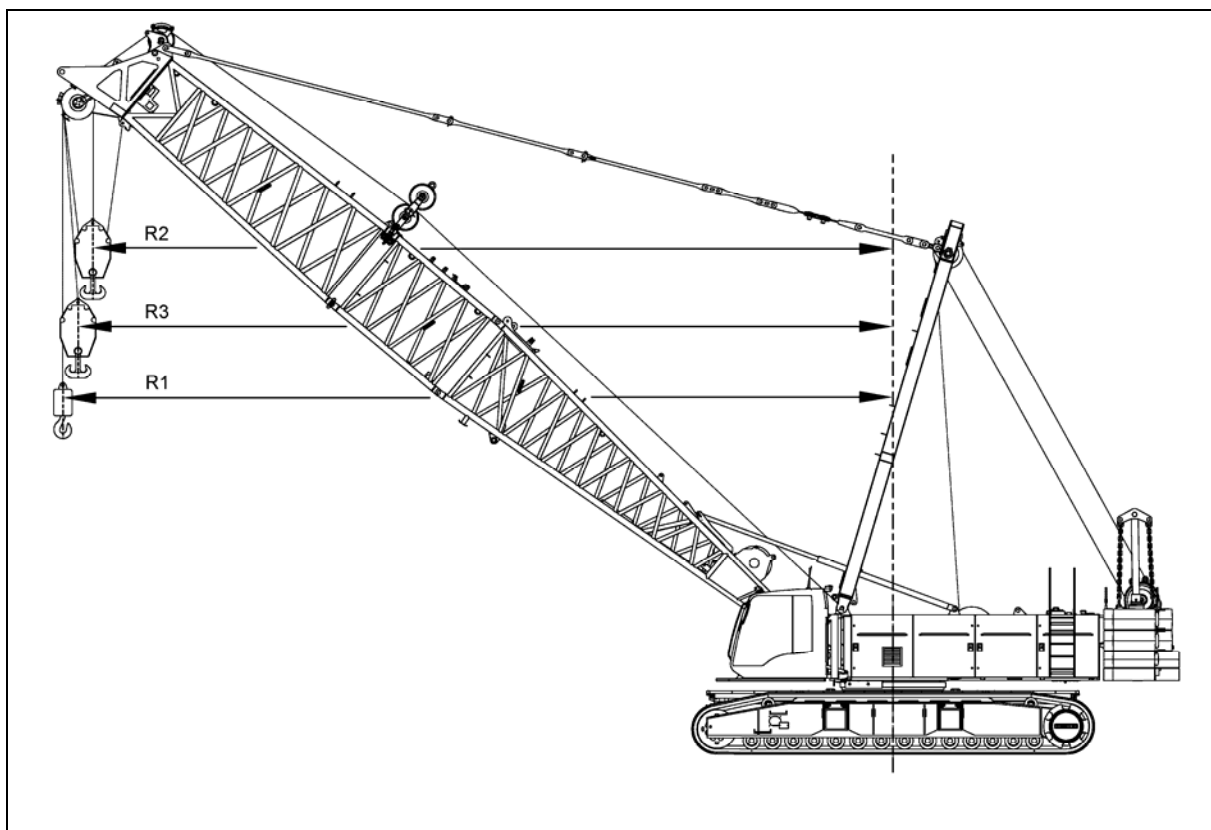
All radii which are allowed show a rated capacity, other length and radii are not approved.

The load capacities are only applicable to machines standing on horizontal (tolerance 1%, 1%), solid and sufficiently supportive subsoil.

Load ratings are based on the freely suspended load.

None of the loads shown exceeds 75% of the tipping load. The values shown on a grey background are load capacities that are limited by the structure of the machine. All values shown with a white background are tilting load values.

The outreach is the radius measured between the centre of the slewing ring and the center of the load hook or the pulley block. Different outreaches at the same boom angle result from different reevings. The LML (load moment limitation) on the machine takes this change into account.



schematic diagram

|    |  |
|----|--|
| R1 | Single reeved hoisting cable                   |
| R2 | Double reeved hoisting cable                   |
| R3 | <b>Triple to n-times reeved hoisting cable</b> |

The outreach (radius) in the load capacity chart always refers to R3.

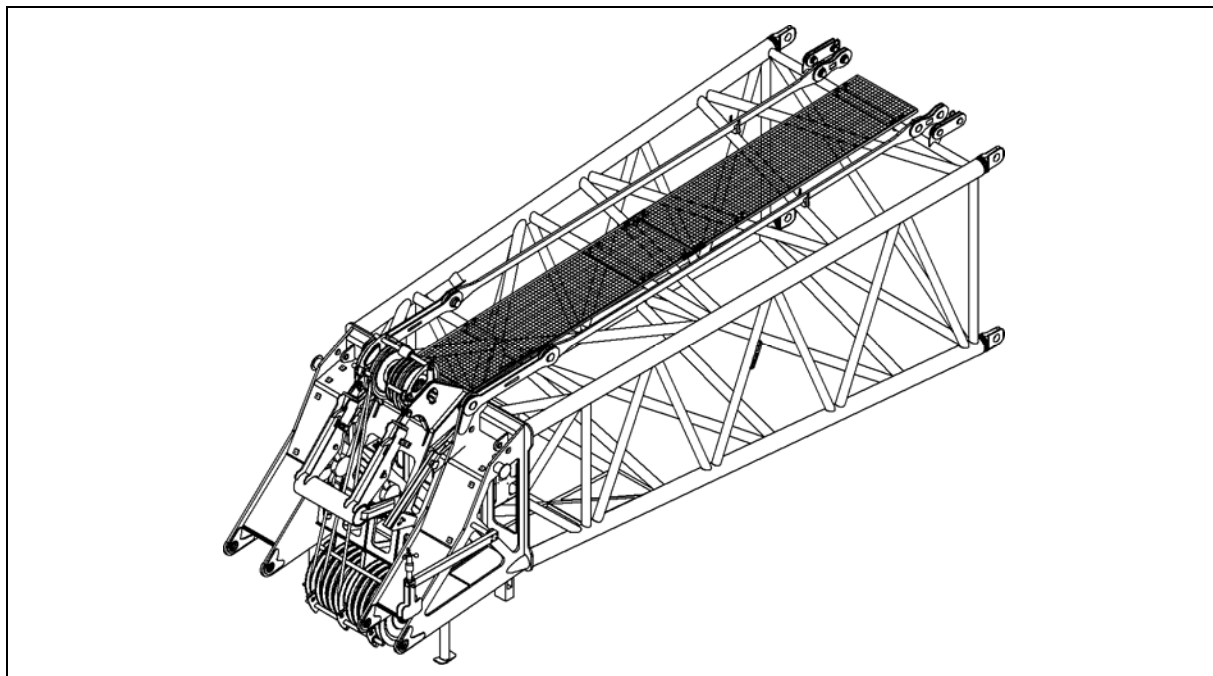
### Main boom + luffing jib

These load capacity charts are only applicable to original LIEBHERR machine and boom components that are new and in perfect condition. Any form of damage, any modification or addition that has not been approved by LIEBHERR invalidates the following load capacities, which in such cases must not be applied.

The suspended hoisting ropes, the load hook/pulley block and the slinging equipment form part of the load. These weights must always be deducted from the value shown in the table. The per-meter weight of the rope is stated in the Rope Certificate.

The rated rope pull of the hoisting winches is 33744lbs (150kN). The reeving should be selected in such a way that this value is not exceeded. The tables below show the reeving and the associated maximum load capacities. The efficiency of the rope drive has been taken into account in these tables.

|                  |         |               |                                       |
|------------------|---------|---------------|---------------------------------------|
| Boom head 2821-1 | 2821.30 | 23.0ft (7.0m) | 10 rope pulleys (maximum reeving: 18) |
|------------------|---------|---------------|---------------------------------------|



(only applicable if **load fall point boom head 2821-1** and jib type 1916 was selected in advance)

|                     |       |       |       |        |        |        |        |        |        |        |
|---------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| Reeving             | 1     | 2     | 3     | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| Load capacity [lbs] | 33400 | 66500 | 99200 | 131600 | 163700 | 195400 | 226900 | 258000 | 288800 | 319300 |
| Load capacity [t]   | 15.2  | 30.2  | 45.0  | 59.7   | 74.3   | 88.6   | 102.9  | 117.0  | 131.0  | 144.8  |

|                     |        |        |        |        |        |        |        |        |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Reeving             | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     |
| Load capacity [lbs] | 349500 | 379400 | 409000 | 438300 | 467300 | 496000 | 524500 | 546100 |
| Load capacity [t]   | 158.5  | 172.1  | 185.5  | 198.8  | 212.0  | 225.0  | 237.9  | 247.7  |

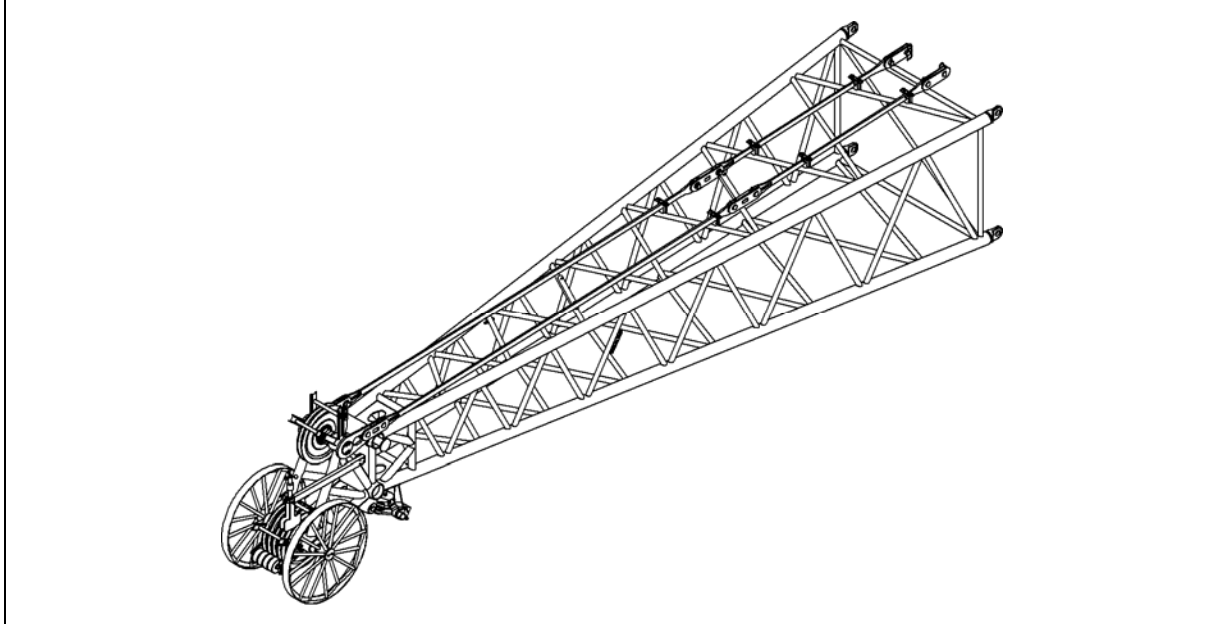
(only applicable if **load fall point boom head 2821-1** and jib type 2316 was selected in advance)

|                     |       |       |       |        |        |        |        |        |        |        |
|---------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| Reeving             | 1     | 2     | 3     | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| Load capacity [lbs] | 33400 | 66500 | 99200 | 131600 | 163700 | 195400 | 226900 | 258000 | 288800 | 319300 |
| Load capacity [t]   | 15.2  | 30.2  | 45.0  | 59.7   | 74.3   | 88.6   | 102.9  | 117.0  | 131.0  | 144.8  |

|                     |        |        |        |        |        |        |        |        |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Reeving             | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     |
| Load capacity [lbs] | 349500 | 379400 | 409000 | 438300 | 467300 | 496000 | 524500 | 541600 |
| Load capacity [t]   | 158.5  | 172.1  | 185.5  | 198.8  | 212.0  | 225.0  | 237.9  | 245.7  |

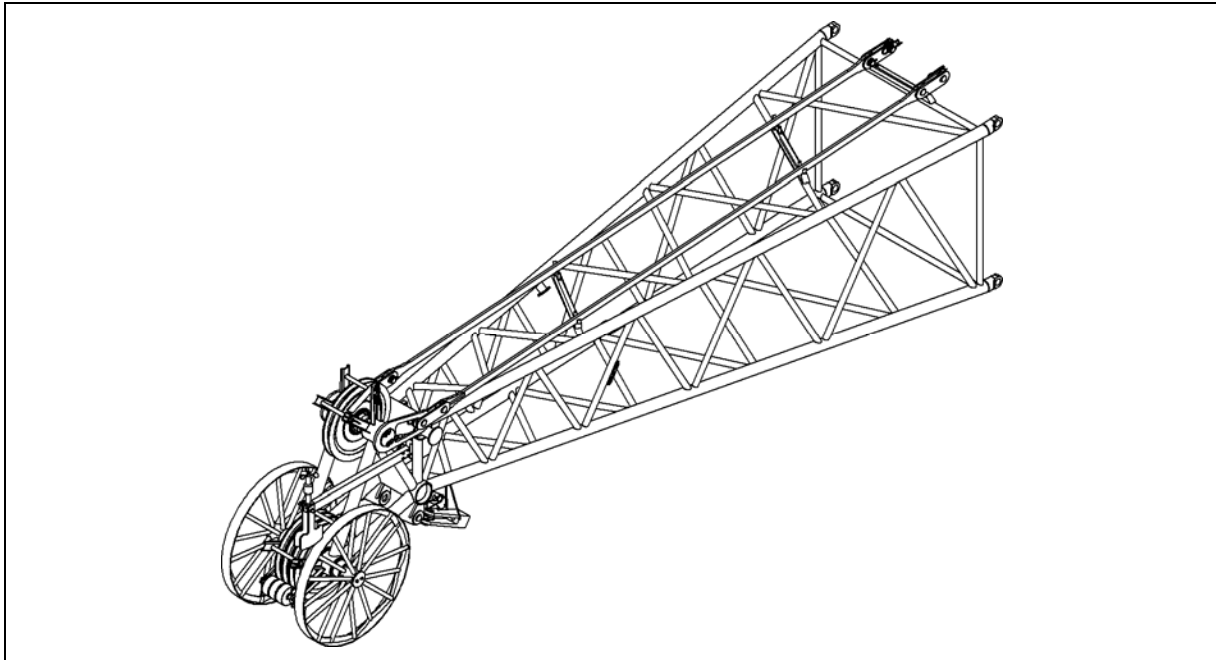
### Main boom + luffing jib

|                 |         |              |                                     |
|-----------------|---------|--------------|-------------------------------------|
| Jib head 2316-2 | 2316.20 | 33.0ft (10m) | 4 rope pulleys (maximum reeving: 8) |
|-----------------|---------|--------------|-------------------------------------|



|                     |       |       |       |        |        |        |        |        |
|---------------------|-------|-------|-------|--------|--------|--------|--------|--------|
| Reeving             | 1     | 2     | 3     | 4      | 5      | 6      | 7      | 8      |
| Load capacity [lbs] | 33400 | 66400 | 99200 | 131600 | 163600 | 195400 | 226900 | 258000 |
| Load capacity [t]   | 15.2  | 30.1  | 45.0  | 59.7   | 74.2   | 88.6   | 102.9  | 117.0  |

|                 |         |               |                                     |
|-----------------|---------|---------------|-------------------------------------|
| Jib head 1916-3 | 1916.22 | 23.0ft (7.0m) | 3 rope pulleys (maximum reeving: 6) |
|-----------------|---------|---------------|-------------------------------------|



|                     |       |       |       |        |        |        |
|---------------------|-------|-------|-------|--------|--------|--------|
| Reeving             | 1     | 2     | 3     | 4      | 5      | 6      |
| Load capacity [lbs] | 33400 | 66400 | 99200 | 131600 | 163600 | 195400 |
| Load capacity [t]   | 15.2  | 30.1  | 45.0  | 59.7   | 74.2   | 88.6   |

## Main boom + luffing jib

The pulley block should be reeved in accordance with the reeving diagrams in chapter 6 of the operating manual.

If the load fall point 2 (main boom head) is preselected, the LML assumes that an unladen load hook/pulley block with a dead weight of 5500lbs (2.5t) is attached at the load fall point 1 (jib head).

To ensure that at minimum radius the pulley block can always be lowered to the ground, the maximum possible reeving, which depends on the hoisting rope (rope length) used, must be checked. More details can be found in chapter 6 "Required hoist rope length" of the operating manual.

The machine is approved for use in an outside temperature range from -4°F to +104°F (-20°C to +40°C).

Dynamic effects due to hoisting and lowering of the load, booming, slewing, travelling and wind must be considered by the machine operator. The machine operator shall therefore reduce load ratings in order to take these conditions into account.

Rated load capacities do not account for effects of wind on a suspended load or boom. Judgement and experience of the machine operator, job planners and supervisors must be used to compensate for affect of wind on the lifted load and boom by reducing ratings, reducing speeds or a combination of both. Local conditions have to be considered additionally (e.g. wind effects between and around buildings). As a guideline the following table shows rating reductions [%] which shall be used as a minimum. For changing wind speeds an especially for gusts of wind the maximum wind speed must be used. For wind speeds between given values the maximum wind speed has to be taken. The following table is valid only for this machine and the attached chart.

|   |                            |                    |                     |                     |                      |
|---|----------------------------|--------------------|---------------------|---------------------|----------------------|
| Jib length [ft (m)]<br><b>Jib head 2316-2</b> | 66 - 85 (20 - 26)          | 95 - 164 (29 - 50) | 174 - 243 (53 - 74) | 253 - 302 (77 - 92) | 312 - 371 (95 - 113) |
| Main boom length [ft (m)]                     | 95 - 233 (20 - 71)         | 95 - 233 (20 - 71) | 95 - 233 (20 - 71)  | 95 - 233 (20 - 71)  | 95 - 233 (20 - 71)   |
| Wind speed [mph (m/s)]                        | Reduction by: [%]          |                    |                     |                     |                      |
| 15 (7)  | 0                          | 0                  | 0                   | 0                   | 0                    |
| 20 (9)  | 10                         | 10                 | 10                  | 10                  | 100                  |
| 25 (11)                                       | 20                         | 20                 | 20                  | 40                  | 100                  |
| 30 (13)                                       | 20                         | 30                 | 40                  | 70                  | 100                  |
| 35 (16)                                       | 30                         | 50                 | 70                  | 100                 | 100                  |
| over 35 (16)                                  | 100 = Operation prohibited |                    |                     |                     |                      |

|   |                      |                    |                     |                     |
|---|----------------------|--------------------|---------------------|---------------------|
| Jib length [ft (m)]<br><b>Jib head 1916-3</b> | 66 - 85 (20 - 26)    | 95 - 164 (29 - 50) | 174 - 243 (53 - 74) | 253 - 312 (77 - 95) |
| Main boom length [ft (m)]                     | 95 - 233 (29 - 74)   | 95 - 233 (29 - 74) | 95 - 233 (29 - 74)  | 95 - 233 (29 - 74)  |
| Wind speed [mph (m/s)]                        | Reduction by: [%]    |                    |                     |                     |
| 15 (7)  | 0                    | 0                  | 0                   | 0                   |
| 20 (9)  | 0                    | 0                  | 10                  | 10                  |
| 25 (11)                                       | 0                    | 0                  | 10                  | 30                  |
| 30 (13)                                       | 10                   | 10                 | 10                  | 40                  |
| 35 (16)                                       | 20                   | 20                 | 50                  | 100                 |
| over 35 (16)                                  | Operation prohibited |                    |                     |                     |

## Main boom + luffing jib

Chapter 5 "Boom park position" of the operating manual describes the permitted park positions of the machine.

If a wind speed in excess of 50mph (22m/s) is expected or has been forecast, then the entire boom must be laid flat on the ground. All combinations with luffing jib lengths of 213ft (65m) or more must be laid on the ground when the wind speed exceeds 44.7mph (20m/s) (see chapters 2 and 5 of the operating manual).

The wind load applied in the load capacity calculation is based on 0.84 square inch per lbs (1.2m<sup>2</sup>/t) of the load. If this ratio is greater for light loads with a large surface area, then the manufacturer should be asked to provide details of the reduced load capacities in advance.

The machine operator must hold the qualifications stated in chapter 2 "Personal attributes required of the machine operator" of the operating manual. The machine operator and all other personnel who are involved with its operation must have read and understood the latest applicable ANSI code for mobile crane (ANSI B30.5).

Travelling inevitably produces certain dynamic effects on the machine. For this reason a machine's load must always be reduced before the machine starts to travel. The load reduction should be calculated as follows:

|                                  |
|----------------------------------|
| Load capacity - 10%              |
| Load capacity - 2200lbs (1000kg) |

The lower value must be used.

The machine must only be moved very slowly (less than 0.9mph (0.4m/s)) and only when the subsoil is level and firm. Any dynamic effects must be reduced to the absolute minimum. The load must not be allowed to sway. See also chapter 5 "Moving the machine on ground slope" of the operating manual.

Blocked crawlers:

Using the load capacities over the tipping edge tumbler or idler the degree rating is limited ( $\pm 45^\circ$  alongside to the crawlers). Travelling is not permitted. See also chapter 4 "Blocked Crawlers" of the operating manual.

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>105 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 36   | 78.0                 | 207                       | 244.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 75.5                 | 206                       | 232.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 72.6                 | 204                       | 212.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 69.7                 | 203                       | 195.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 53   |                      |                           |                           | 73.0                 | 204                       | 207.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 66.8                 | 200                       | 180.0                     | 71.7                 | 203                       | 207.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 63.7                 | 198                       | 166.7                     | 68.8                 | 201                       | 189.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 60.6                 | 195                       | 156.5                     | 65.8                 | 199                       | 174.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 57.4                 | 192                       | 145.7                     | 62.8                 | 196                       | 162.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 54.1                 | 189                       | 136.7                     | 59.6                 | 194                       | 151.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   |                      |                           |                           |                      |                           |                           | 65.0                 | 195                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 80   | 50.6                 | 185                       | 129.5                     | 56.4                 | 190                       | 141.3                     | 64.8                 | 195                       | 134.8                     |                      |                           |                           |                      |                           |                           |
| 85   | 46.9                 | 180                       | 118.9                     | 53.0                 | 187                       | 132.8                     | 61.7                 | 192                       | 128.7                     |                      |                           |                           |                      |                           |                           |
| 90   | 43.0                 | 175                       | 108.7                     | 49.5                 | 182                       | 125.0                     | 58.5                 | 189                       | 121.6                     |                      |                           |                           |                      |                           |                           |
| 95   | 38.7                 | 169                       | 99.8                      | 45.7                 | 178                       | 116.2                     | 55.2                 | 186                       | 113.7                     |                      |                           |                           |                      |                           |                           |
| 100  | 34.0                 | 162                       | 92.0                      | 41.7                 | 172                       | 108.3                     | 51.8                 | 182                       | 106.7                     |                      |                           |                           |                      |                           |                           |
| 105  | 28.6                 | 153                       | 82.8                      | 37.3                 | 166                       | 101.5                     | 48.2                 | 178                       | 100.5                     |                      |                           |                           |                      |                           |                           |
| 110  | 21.9                 | 142                       | 73.5                      | 32.4                 | 158                       | 93.6                      | 44.3                 | 173                       | 94.9                      |                      |                           |                           |                      |                           |                           |
| 111  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 180                       | 66.4                      |                      |                           |                           |
| 115  |                      |                           |                           | 26.7                 | 149                       | 84.4                      | 40.2                 | 167                       | 89.9                      | 52.3                 | 176                       | 85.5                      |                      |                           |                           |
| 120  |                      |                           |                           | 19.4                 | 137                       | 75.1                      | 35.7                 | 160                       | 85.3                      | 48.8                 | 172                       | 81.1                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           | 30.5                 | 153                       | 81.1                      | 45.0                 | 167                       | 77.2                      |                      |                           |                           |
| 130  |                      |                           |                           |                      |                           |                           | 24.4                 | 142                       | 75.8                      | 40.9                 | 162                       | 73.5                      |                      |                           |                           |
| 135  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 36.4                 | 155                       | 70.2                      |                      |                           |                           |
| 140  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.4                 | 148                       | 67.1                      |                      |                           |                           |
| 145  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.2                 | 136                       | 64.2                      |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.7                 | 125                       | 61.5                      |                      |                           |                           |
| 163  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 133                       | 50.4                      |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.6                 | 131                       | 49.6                      |
| 170  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.1                 | 120                       | 47.7                      |
| 175  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.4                 | 111                       | 46.0                      |

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16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs]: 273.4  
 Carbony counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>115 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 38   | 78.0                 | 217                       | 224.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 76.8                 | 216                       | 224.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 74.2                 | 215                       | 205.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 71.5                 | 213                       | 188.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 68.9                 | 211                       | 176.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 56   |                      |                           |                           | 73.0                 | 213                       | 193.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 66.2                 | 209                       | 163.1                     | 70.7                 | 212                       | 188.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 63.4                 | 207                       | 152.4                     | 68.0                 | 210                       | 173.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 60.5                 | 204                       | 143.8                     | 65.3                 | 207                       | 160.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 57.6                 | 201                       | 134.1                     | 62.5                 | 205                       | 149.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 54.5                 | 197                       | 125.7                     | 59.6                 | 202                       | 141.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 84   |                      |                           |                           |                      |                           |                           | 65.0                 | 204                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 85   | 51.4                 | 193                       | 119.0                     | 56.7                 | 199                       | 131.5                     | 64.3                 | 204                       | 126.7                     |                      |                           |                           |                      |                           |                           |
| 90   | 48.1                 | 189                       | 111.0                     | 53.6                 | 195                       | 123.7                     | 61.5                 | 201                       | 120.4                     |                      |                           |                           |                      |                           |                           |
| 95   | 44.6                 | 184                       | 102.2                     | 50.4                 | 191                       | 117.7                     | 58.6                 | 198                       | 113.2                     |                      |                           |                           |                      |                           |                           |
| 100  | 40.8                 | 178                       | 94.2                      | 47.0                 | 187                       | 109.5                     | 55.6                 | 194                       | 106.2                     |                      |                           |                           |                      |                           |                           |
| 105  | 36.8                 | 172                       | 87.3                      | 43.4                 | 181                       | 102.0                     | 52.5                 | 191                       | 100.0                     |                      |                           |                           |                      |                           |                           |
| 110  | 32.3                 | 164                       | 80.5                      | 39.6                 | 176                       | 95.3                      | 49.2                 | 187                       | 94.5                      |                      |                           |                           |                      |                           |                           |
| 115  | 27.1                 | 155                       | 72.9                      | 35.4                 | 169                       | 90.6                      | 45.8                 | 182                       | 89.5                      |                      |                           |                           |                      |                           |                           |
| 116  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 188                       | 66.4                      |                      |                           |                           |
| 120  | 20.7                 | 144                       | 65.1                      | 30.7                 | 161                       | 82.8                      | 42.1                 | 176                       | 84.9                      | 53.0                 | 185                       | 80.6                      |                      |                           |                           |
| 125  |                      |                           |                           | 25.3                 | 151                       | 74.9                      | 38.2                 | 170                       | 80.7                      | 49.8                 | 181                       | 76.6                      |                      |                           |                           |
| 130  |                      |                           |                           | 18.3                 | 138                       | 66.8                      | 33.9                 | 163                       | 76.9                      | 46.4                 | 176                       | 73.0                      |                      |                           |                           |
| 135  |                      |                           |                           |                      |                           |                           | 29.0                 | 155                       | 73.4                      | 42.7                 | 171                       | 69.7                      |                      |                           |                           |
| 140  |                      |                           |                           |                      |                           |                           | 23.1                 | 144                       | 68.3                      | 38.8                 | 165                       | 66.6                      |                      |                           |                           |
| 145  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 158                       | 63.8                      |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 148                       | 61.1                      |                      |                           |                           |
| 155  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 140                       | 58.7                      |                      |                           |                           |
| 160  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.6                 | 126                       | 56.3                      |                      |                           |                           |
| 171  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 139                       | 46.8                      |
| 175  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.9                 | 133                       | 45.5                      |
| 180  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 122                       | 43.8                      |
| 185  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.1                 | 112                       | 42.3                      |

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## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs]: 273.4  
 Carbony counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>125 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 78.0                 | 226                       | 208.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 77.8                 | 226                       | 208.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 75.4                 | 225                       | 198.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 73.1                 | 224                       | 184.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 70.6                 | 222                       | 171.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 59   |                      |                           |                           | 73.0                 | 222                       | 183.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 68.2                 | 220                       | 160.8                     | 72.3                 | 222                       | 183.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 65.6                 | 218                       | 149.7                     | 69.9                 | 220                       | 172.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 63.1                 | 215                       | 140.9                     | 67.4                 | 218                       | 161.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 60.4                 | 212                       | 133.3                     | 64.9                 | 216                       | 149.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 57.7                 | 209                       | 124.5                     | 62.3                 | 213                       | 140.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 55.0                 | 206                       | 116.9                     | 59.6                 | 210                       | 132.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 88   |                      |                           |                           |                      |                           |                           | 65.0                 | 213                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 90   | 52.1                 | 202                       | 110.5                     | 56.9                 | 207                       | 123.5                     | 64.0                 | 212                       | 120.2                     |                      |                           |                           |                      |                           |                           |
| 95   | 49.1                 | 198                       | 104.3                     | 54.1                 | 204                       | 116.3                     | 61.4                 | 209                       | 112.9                     |                      |                           |                           |                      |                           |                           |
| 100  | 45.9                 | 193                       | 96.6                      | 51.1                 | 200                       | 110.4                     | 58.7                 | 206                       | 105.9                     |                      |                           |                           |                      |                           |                           |
| 105  | 42.5                 | 188                       | 89.5                      | 48.1                 | 195                       | 104.0                     | 55.9                 | 203                       | 99.7                      |                      |                           |                           |                      |                           |                           |
| 110  | 39.0                 | 182                       | 83.1                      | 44.9                 | 190                       | 97.0                      | 53.1                 | 199                       | 94.2                      |                      |                           |                           |                      |                           |                           |
| 115  | 35.1                 | 175                       | 77.6                      | 41.5                 | 185                       | 90.6                      | 50.1                 | 195                       | 89.1                      |                      |                           |                           |                      |                           |                           |
| 120  | 30.7                 | 167                       | 71.4                      | 37.8                 | 179                       | 84.9                      | 47.0                 | 191                       | 84.6                      |                      |                           |                           |                      |                           |                           |
| 122  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 196                       | 66.4                      |                      |                           |                           |
| 125  | 25.8                 | 157                       | 65.0                      | 33.8                 | 172                       | 79.9                      | 43.7                 | 186                       | 80.5                      | 53.5                 | 194                       | 76.2                      |                      |                           |                           |
| 130  | 19.6                 | 145                       | 58.5                      | 29.3                 | 163                       | 73.3                      | 40.2                 | 180                       | 76.7                      | 50.6                 | 190                       | 72.6                      |                      |                           |                           |
| 135  |                      |                           |                           | 24.0                 | 153                       | 66.7                      | 36.5                 | 173                       | 73.2                      | 47.5                 | 185                       | 69.3                      |                      |                           |                           |
| 140  |                      |                           |                           | 17.2                 | 139                       | 59.9                      | 32.3                 | 166                       | 70.0                      | 44.2                 | 180                       | 66.3                      |                      |                           |                           |
| 145  |                      |                           |                           |                      |                           |                           | 27.6                 | 157                       | 67.0                      | 40.8                 | 175                       | 63.5                      |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           | 21.9                 | 146                       | 62.3                      | 37.1                 | 168                       | 60.9                      |                      |                           |                           |
| 155  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.3                 | 160                       | 58.4                      |                      |                           |                           |
| 160  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.5                 | 150                       | 56.1                      |                      |                           |                           |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.9                 | 141                       | 54.0                      |                      |                           |                           |
| 170  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.4                 | 130                       | 33.4                      |                      |                           |                           |
| 179  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 144                       | 43.8                      |
| 180  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.1                 | 143                       | 43.5                      |
| 185  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.4                 | 136                       | 42.0                      |
| 190  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.3                 | 124                       | 40.5                      |
| 195  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 113                       | 39.1                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs]: 273.4  
 Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|--|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|  | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 95 ft Main boom<br>134 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 42   | 78.0                 | 236                                | 195.0                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 45   | 76.5                 | 235                                | 193.6                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50   | 74.3                 | 234                                | 180.3                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55   | 72.1                 | 232                                | 168.2                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60   | 69.8                 | 230                                | 157.7                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 61   |                      |                                    |                                    | 73.0                 | 232                                | 171.9                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   | 67.5                 | 228                                | 148.2                              | 71.4                 | 231                                | 170.6                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70   | 65.2                 | 226                                | 138.6                              | 69.1                 | 229                                | 158.1                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 75   | 62.8                 | 224                                | 130.9                              | 66.8                 | 227                                | 148.2                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 80   | 60.4                 | 221                                | 124.1                              | 64.5                 | 224                                | 137.9                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 85   | 57.9                 | 218                                | 116.0                              | 62.1                 | 222                                | 130.4                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 90   | 55.3                 | 214                                | 109.0                              | 59.6                 | 219                                | 122.7                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 92   |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 222                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 95   | 52.6                 | 210                                | 103.0                              | 57.1                 | 216                                | 114.8                              | 63.6                 | 220                                | 112.3                              |                      |                                    |                                    |                      |                                    |                                    |
| 100  | 49.9                 | 206                                | 98.0                               | 54.5                 | 212                                | 108.2                              | 61.2                 | 218                                | 105.4                              |                      |                                    |                                    |                      |                                    |                                    |
| 105  | 47.0                 | 202                                | 91.1                               | 51.8                 | 208                                | 102.8                              | 58.7                 | 215                                | 99.2                               |                      |                                    |                                    |                      |                                    |                                    |
| 110  | 44.0                 | 197                                | 84.8                               | 49.0                 | 204                                | 96.9                               | 56.2                 | 212                                | 93.7                               |                      |                                    |                                    |                      |                                    |                                    |
| 115  | 40.8                 | 191                                | 79.0                               | 46.1                 | 199                                | 90.7                               | 53.6                 | 208                                | 88.7                               |                      |                                    |                                    |                      |                                    |                                    |
| 120  | 37.3                 | 185                                | 73.8                               | 43.0                 | 194                                | 85.0                               | 50.8                 | 204                                | 84.1                               |                      |                                    |                                    |                      |                                    |                                    |
| 125  | 33.6                 | 178                                | 69.1                               | 39.7                 | 188                                | 80.0                               | 48.0                 | 200                                | 80.0                               |                      |                                    |                                    |                      |                                    |                                    |
| 128  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 204                                | 66.4                               |                      |                                    |                                    |
| 130  | 29.4                 | 169                                | 63.6                               | 36.2                 | 182                                | 76.1                               | 45.0                 | 195                                | 76.2                               | 54.0                 | 202                                | 72.1                               |                      |                                    |                                    |
| 135  | 24.6                 | 159                                | 58.1                               | 32.3                 | 174                                | 70.9                               | 41.9                 | 189                                | 72.7                               | 51.3                 | 198                                | 68.8                               |                      |                                    |                                    |
| 140  | 18.6                 | 146                                | 52.5                               | 28.0                 | 165                                | 65.3                               | 38.5                 | 183                                | 69.5                               | 48.5                 | 194                                | 65.8                               |                      |                                    |                                    |
| 145  |                      |                                    |                                    | 22.9                 | 154                                | 59.7                               | 34.9                 | 176                                | 66.6                               | 45.1                 | 189                                | 62.9                               |                      |                                    |                                    |
| 150  |                      |                                    |                                    | 17.9                 | 144                                | 33.4                               | 30.9                 | 168                                | 63.8                               | 42.0                 | 183                                | 60.3                               |                      |                                    |                                    |
| 155  |                      |                                    |                                    |                      |                                    |                                    | 26.3                 | 159                                | 61.2                               | 38.6                 | 177                                | 57.9                               |                      |                                    |                                    |
| 160  |                      |                                    |                                    |                      |                                    |                                    | 20.8                 | 147                                | 56.6                               | 34.9                 | 170                                | 55.6                               |                      |                                    |                                    |
| 165  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 30.9                 | 162                                | 53.5                               |                      |                                    |                                    |
| 170  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 26.2                 | 152                                | 51.5                               |                      |                                    |                                    |
| 175  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 20.6                 | 140                                | 49.6                               |                      |                                    |                                    |
| 180  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 16.5                 | 131                                | 33.4                               |                      |                                    |                                    |
| 187  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 150                                | 40.8                               |
| 190  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 32.6                 | 145                                | 40.0                               |
| 195  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 28.3                 | 136                                | 38.6                               |
| 200  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 24.2                 | 128                                | 37.4                               |
| 205  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 18.1                 | 114                                | 36.1                               |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>144 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 44   | 78.0                 | 246                       | 184.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 77.5                 | 245                       | 184.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 75.4                 | 244                       | 176.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 73.4                 | 242                       | 166.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 71.3                 | 241                       | 155.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 64   |                      |                           |                           | 73.0                 | 241                       | 162.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 69.1                 | 239                       | 147.2                     | 72.7                 | 241                       | 162.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 67.0                 | 237                       | 138.0                     | 70.6                 | 239                       | 157.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 64.8                 | 235                       | 129.6                     | 68.5                 | 237                       | 146.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 62.6                 | 232                       | 122.8                     | 66.3                 | 235                       | 137.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 60.3                 | 229                       | 116.5                     | 64.1                 | 233                       | 128.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 58.0                 | 226                       | 109.2                     | 61.9                 | 230                       | 122.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 55.6                 | 223                       | 102.6                     | 59.6                 | 227                       | 115.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 96   |                      |                           |                           |                      |                           |                           | 65.0                 | 231                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 100  | 53.1                 | 219                       | 97.0                      | 57.2                 | 224                       | 107.7                     | 63.4                 | 229                       | 105.2                     |                      |                           |                           |                      |                           |                           |
| 105  | 50.6                 | 215                       | 92.3                      | 54.8                 | 221                       | 101.3                     | 61.1                 | 226                       | 99.0                      |                      |                           |                           |                      |                           |                           |
| 110  | 47.9                 | 211                       | 86.6                      | 52.3                 | 217                       | 95.9                      | 58.8                 | 223                       | 93.5                      |                      |                           |                           |                      |                           |                           |
| 115  | 45.2                 | 206                       | 80.9                      | 49.8                 | 213                       | 92.4                      | 56.4                 | 220                       | 88.5                      |                      |                           |                           |                      |                           |                           |
| 120  | 42.2                 | 200                       | 75.6                      | 47.1                 | 208                       | 87.0                      | 54.0                 | 216                       | 83.9                      |                      |                           |                           |                      |                           |                           |
| 125  | 39.2                 | 194                       | 70.8                      | 44.3                 | 203                       | 81.7                      | 51.5                 | 213                       | 79.8                      |                      |                           |                           |                      |                           |                           |
| 130  | 35.8                 | 188                       | 66.5                      | 41.3                 | 198                       | 76.9                      | 48.8                 | 208                       | 76.0                      |                      |                           |                           |                      |                           |                           |
| 133  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 212                       | 66.4                      |                      |                           |                           |
| 135  | 32.2                 | 180                       | 62.1                      | 38.2                 | 192                       | 72.6                      | 46.1                 | 204                       | 72.5                      | 54.4                 | 211                       | 68.6                      |                      |                           |                           |
| 140  | 28.2                 | 171                       | 57.4                      | 34.8                 | 185                       | 68.6                      | 43.3                 | 198                       | 69.4                      | 51.6                 | 207                       | 65.5                      |                      |                           |                           |
| 145  | 23.5                 | 161                       | 52.6                      | 31.0                 | 177                       | 63.8                      | 40.2                 | 193                       | 66.4                      | 49.0                 | 202                       | 62.7                      |                      |                           |                           |
| 150  | 17.7                 | 147                       | 47.7                      | 26.8                 | 167                       | 59.0                      | 36.5                 | 185                       | 63.6                      | 46.2                 | 198                       | 60.1                      |                      |                           |                           |
| 155  |                      |                           |                           | 21.9                 | 156                       | 54.0                      | 33.5                 | 179                       | 61.1                      | 43.4                 | 192                       | 57.7                      |                      |                           |                           |
| 160  |                      |                           |                           | 17.1                 | 144                       | 33.4                      | 29.6                 | 171                       | 58.7                      | 40.7                 | 187                       | 55.5                      |                      |                           |                           |
| 165  |                      |                           |                           |                      |                           |                           | 25.2                 | 161                       | 56.3                      | 37.1                 | 180                       | 53.3                      |                      |                           |                           |
| 170  |                      |                           |                           |                      |                           |                           | 19.9                 | 148                       | 52.0                      | 34.1                 | 174                       | 51.4                      |                      |                           |                           |
| 175  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.3                 | 166                       | 49.5                      |                      |                           |                           |
| 180  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.1                 | 154                       | 47.7                      |                      |                           |                           |
| 185  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.7                 | 142                       | 46.0                      |                      |                           |                           |
| 190  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 15.7                 | 132                       | 33.4                      |                      |                           |                           |
| 195  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 156                       | 38.4                      |
| 200  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.0                 | 149                       | 37.2                      |
| 205  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.9                 | 140                       | 36.0                      |
| 210  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.2                 | 127                       | 34.8                      |
| 215  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.6                 | 119                       | 33.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>154 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 46   | 78.0                 | 255                       | 167.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 76.4                 | 254                       | 166.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 74.5                 | 253                       | 157.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 72.5                 | 251                       | 149.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 70.5                 | 250                       | 140.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 67   |                      |                           |                           | 73.0                 | 251                       | 150.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 68.5                 | 248                       | 133.8                     | 71.9                 | 250                       | 149.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 66.5                 | 245                       | 125.5                     | 69.9                 | 248                       | 142.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 64.5                 | 243                       | 118.5                     | 67.9                 | 246                       | 134.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 62.4                 | 240                       | 112.8                     | 65.9                 | 244                       | 126.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 60.3                 | 238                       | 107.4                     | 63.8                 | 241                       | 119.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 58.1                 | 235                       | 101.0                     | 61.7                 | 239                       | 113.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 55.8                 | 231                       | 95.3                      | 59.6                 | 236                       | 107.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  |                      |                           |                           |                      |                           |                           | 65.0                 | 240                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 105  | 53.5                 | 228                       | 90.3                      | 57.4                 | 233                       | 100.5                     | 63.1                 | 238                       | 98.5                      |                      |                           |                           |                      |                           |                           |
| 110  | 51.2                 | 224                       | 86.1                      | 55.1                 | 229                       | 94.6                      | 61.0                 | 235                       | 92.9                      |                      |                           |                           |                      |                           |                           |
| 115  | 48.7                 | 219                       | 81.6                      | 52.8                 | 226                       | 89.6                      | 58.8                 | 232                       | 88.0                      |                      |                           |                           |                      |                           |                           |
| 120  | 46.2                 | 215                       | 76.5                      | 50.4                 | 222                       | 86.0                      | 56.6                 | 229                       | 83.4                      |                      |                           |                           |                      |                           |                           |
| 125  | 43.5                 | 210                       | 71.8                      | 48.0                 | 217                       | 81.1                      | 54.3                 | 225                       | 79.3                      |                      |                           |                           |                      |                           |                           |
| 130  | 40.7                 | 204                       | 67.3                      | 45.4                 | 212                       | 76.5                      | 52.0                 | 221                       | 75.5                      |                      |                           |                           |                      |                           |                           |
| 135  | 37.7                 | 198                       | 63.4                      | 42.7                 | 207                       | 72.1                      | 49.6                 | 217                       | 72.1                      |                      |                           |                           |                      |                           |                           |
| 139  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 220                       | 65.6                      |                      |                           |                           |
| 140  | 34.5                 | 191                       | 59.9                      | 39.8                 | 201                       | 68.2                      | 47.1                 | 212                       | 68.9                      | 54.5                 | 219                       | 65.0                      |                      |                           |                           |
| 145  | 31.0                 | 183                       | 55.8                      | 36.8                 | 195                       | 64.7                      | 44.4                 | 208                       | 65.9                      | 52.2                 | 215                       | 62.2                      |                      |                           |                           |
| 150  | 27.1                 | 173                       | 51.6                      | 33.5                 | 187                       | 61.0                      | 41.3                 | 201                       | 63.2                      | 49.7                 | 211                       | 59.6                      |                      |                           |                           |
| 155  | 22.6                 | 162                       | 47.4                      | 29.9                 | 179                       | 56.9                      | 38.8                 | 196                       | 60.7                      | 47.2                 | 206                       | 57.2                      |                      |                           |                           |
| 160  | 16.9                 | 148                       | 43.1                      | 25.8                 | 169                       | 52.7                      | 35.7                 | 189                       | 58.3                      | 44.5                 | 201                       | 54.9                      |                      |                           |                           |
| 165  |                      |                           |                           | 21.0                 | 157                       | 48.4                      | 31.7                 | 180                       | 56.0                      | 41.8                 | 196                       | 52.8                      |                      |                           |                           |
| 170  |                      |                           |                           | 16.3                 | 145                       | 33.4                      | 28.5                 | 173                       | 54.0                      | 39.2                 | 191                       | 50.9                      |                      |                           |                           |
| 175  |                      |                           |                           |                      |                           |                           | 24.2                 | 162                       | 51.3                      | 35.7                 | 183                       | 49.0                      |                      |                           |                           |
| 180  |                      |                           |                           |                      |                           |                           | 19.0                 | 149                       | 47.5                      | 32.8                 | 177                       | 47.3                      |                      |                           |                           |
| 185  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 166                       | 45.6                      |                      |                           |                           |
| 190  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 156                       | 44.0                      |                      |                           |                           |
| 195  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.8                 | 143                       | 42.5                      |                      |                           |                           |
| 203  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 161                       | 35.8                      |
| 205  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.7                 | 158                       | 35.4                      |
| 210  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.8                 | 152                       | 34.3                      |
| 215  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.7                 | 144                       | 33.2                      |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.3                 | 134                       | 32.2                      |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.8                 | 120                       | 31.2                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>164 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 48   | 78.0                 | 265                       | 154.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 77.2                 | 264                       | 154.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 75.4                 | 263                       | 150.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 73.6                 | 262                       | 144.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 71.8                 | 260                       | 135.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 69.9                 | 258                       | 128.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   |                      |                           |                           | 73.0                 | 260                       | 140.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 68.0                 | 256                       | 122.5                     | 71.2                 | 258                       | 138.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 66.1                 | 254                       | 115.5                     | 69.3                 | 257                       | 130.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 64.2                 | 252                       | 109.6                     | 67.4                 | 255                       | 124.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 62.2                 | 249                       | 104.8                     | 65.5                 | 252                       | 117.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 60.2                 | 246                       | 100.0                     | 63.6                 | 250                       | 111.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 58.2                 | 243                       | 94.4                      | 61.6                 | 247                       | 106.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 104  |                      |                           |                           |                      |                           |                           | 65.0                 | 249                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 105  | 56.1                 | 240                       | 89.3                      | 59.6                 | 244                       | 100.7                     | 64.8                 | 248                       | 95.8                      |                      |                           |                           |                      |                           |                           |
| 110  | 53.9                 | 236                       | 84.9                      | 57.5                 | 241                       | 94.6                      | 62.9                 | 246                       | 92.6                      |                      |                           |                           |                      |                           |                           |
| 115  | 51.7                 | 232                       | 81.0                      | 55.4                 | 238                       | 89.2                      | 60.9                 | 243                       | 87.6                      |                      |                           |                           |                      |                           |                           |
| 120  | 49.4                 | 228                       | 77.5                      | 53.2                 | 234                       | 84.5                      | 58.9                 | 240                       | 83.1                      |                      |                           |                           |                      |                           |                           |
| 125  | 47.1                 | 224                       | 72.9                      | 51.0                 | 230                       | 80.6                      | 56.8                 | 237                       | 79.0                      |                      |                           |                           |                      |                           |                           |
| 130  | 44.6                 | 219                       | 68.6                      | 48.7                 | 226                       | 76.3                      | 54.7                 | 234                       | 75.2                      |                      |                           |                           |                      |                           |                           |
| 135  | 42.0                 | 213                       | 64.5                      | 46.3                 | 221                       | 72.2                      | 52.5                 | 230                       | 71.7                      |                      |                           |                           |                      |                           |                           |
| 140  | 39.3                 | 207                       | 60.8                      | 43.8                 | 216                       | 68.3                      | 50.2                 | 226                       | 68.5                      |                      |                           |                           |                      |                           |                           |
| 145  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 228                       | 62.0                      |                      |                           |                           |
| 145  | 36.4                 | 201                       | 57.5                      | 41.2                 | 210                       | 64.7                      | 47.9                 | 221                       | 65.6                      | 54.8                 | 228                       | 61.8                      |                      |                           |                           |
| 150  | 33.3                 | 193                       | 54.3                      | 38.4                 | 204                       | 61.4                      | 45.5                 | 216                       | 62.9                      | 52.6                 | 224                       | 59.2                      |                      |                           |                           |
| 155  | 29.9                 | 185                       | 50.6                      | 35.5                 | 198                       | 58.6                      | 42.6                 | 210                       | 60.3                      | 50.4                 | 220                       | 56.8                      |                      |                           |                           |
| 160  | 26.1                 | 175                       | 46.9                      | 32.3                 | 190                       | 55.0                      | 40.3                 | 205                       | 58.0                      | 48.3                 | 216                       | 54.6                      |                      |                           |                           |
| 165  | 21.7                 | 164                       | 43.2                      | 28.8                 | 181                       | 51.3                      | 37.0                 | 198                       | 55.7                      | 45.8                 | 211                       | 52.5                      |                      |                           |                           |
| 170  | 16.1                 | 149                       | 39.3                      | 24.8                 | 171                       | 47.6                      | 34.4                 | 192                       | 53.7                      | 43.0                 | 205                       | 50.5                      |                      |                           |                           |
| 175  |                      |                           |                           | 20.2                 | 159                       | 43.9                      | 31.1                 | 184                       | 51.7                      | 40.7                 | 200                       | 48.7                      |                      |                           |                           |
| 180  |                      |                           |                           |                      |                           |                           | 26.8                 | 173                       | 49.8                      | 37.5                 | 193                       | 46.9                      |                      |                           |                           |
| 185  |                      |                           |                           |                      |                           |                           | 23.3                 | 164                       | 47.3                      | 34.9                 | 187                       | 45.3                      |                      |                           |                           |
| 190  |                      |                           |                           |                      |                           |                           | 18.3                 | 150                       | 43.8                      | 31.1                 | 178                       | 43.7                      |                      |                           |                           |
| 195  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.4                 | 168                       | 42.2                      |                      |                           |                           |
| 200  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.2                 | 158                       | 40.8                      |                      |                           |                           |
| 205  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.1                 | 147                       | 39.5                      |                      |                           |                           |
| 211  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 167                       | 33.6                      |
| 215  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.8                 | 164                       | 32.9                      |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.4                 | 156                       | 31.8                      |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.7                 | 146                       | 30.9                      |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.4                 | 135                       | 29.9                      |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.1                 | 121                       | 29.0                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>174 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 78.0                 | 274                       | 143.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 77.9                 | 274                       | 143.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 76.3                 | 273                       | 142.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 74.5                 | 272                       | 137.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 72.8                 | 270                       | 132.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 71.1                 | 269                       | 125.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 73   |                      |                           |                           | 73.0                 | 270                       | 133.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 69.3                 | 267                       | 120.3                     | 72.3                 | 269                       | 132.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 67.5                 | 265                       | 114.6                     | 70.5                 | 267                       | 129.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 65.7                 | 262                       | 108.6                     | 68.8                 | 265                       | 122.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 63.9                 | 260                       | 103.5                     | 67.0                 | 263                       | 116.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 62.1                 | 258                       | 99.3                      | 65.2                 | 261                       | 110.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 60.2                 | 255                       | 94.9                      | 63.3                 | 258                       | 104.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 58.2                 | 252                       | 89.5                      | 61.5                 | 256                       | 99.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 109  |                      |                           |                           |                      |                           |                           | 65.0                 | 258                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 110  | 56.3                 | 248                       | 84.6                      | 59.6                 | 253                       | 94.5                      | 64.6                 | 257                       | 90.7                      |                      |                           |                           |                      |                           |                           |
| 115  | 54.2                 | 245                       | 80.2                      | 57.6                 | 250                       | 88.9                      | 62.7                 | 254                       | 87.1                      |                      |                           |                           |                      |                           |                           |
| 120  | 52.2                 | 241                       | 76.4                      | 55.6                 | 246                       | 83.8                      | 60.8                 | 252                       | 82.6                      |                      |                           |                           |                      |                           |                           |
| 125  | 50.0                 | 237                       | 73.1                      | 53.6                 | 243                       | 79.4                      | 58.9                 | 249                       | 78.5                      |                      |                           |                           |                      |                           |                           |
| 130  | 47.8                 | 232                       | 69.1                      | 51.5                 | 239                       | 75.7                      | 56.9                 | 246                       | 74.7                      |                      |                           |                           |                      |                           |                           |
| 135  | 45.5                 | 228                       | 65.2                      | 49.4                 | 235                       | 72.1                      | 54.9                 | 242                       | 71.2                      |                      |                           |                           |                      |                           |                           |
| 140  | 43.2                 | 222                       | 61.5                      | 47.1                 | 230                       | 68.4                      | 52.9                 | 238                       | 68.1                      |                      |                           |                           |                      |                           |                           |
| 145  | 40.7                 | 217                       | 58.1                      | 44.8                 | 225                       | 64.8                      | 50.6                 | 234                       | 65.1                      |                      |                           |                           |                      |                           |                           |
| 150  | 38.0                 | 210                       | 54.9                      | 42.4                 | 220                       | 61.5                      | 48.4                 | 230                       | 62.4                      |                      |                           |                           |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 236                       | 58.5                      |                      |                           |                           |
| 155  | 35.2                 | 204                       | 52.1                      | 39.9                 | 214                       | 58.4                      | 46.3                 | 225                       | 59.9                      | 53.2                 | 233                       | 56.3                      |                      |                           |                           |
| 160  | 32.2                 | 196                       | 49.1                      | 37.2                 | 208                       | 55.7                      | 43.7                 | 220                       | 57.5                      | 50.9                 | 228                       | 54.0                      |                      |                           |                           |
| 165  | 28.9                 | 187                       | 45.8                      | 34.3                 | 200                       | 53.0                      | 41.5                 | 215                       | 55.3                      | 48.7                 | 224                       | 51.9                      |                      |                           |                           |
| 170  | 25.2                 | 177                       | 42.5                      | 31.2                 | 192                       | 49.8                      | 38.6                 | 208                       | 53.2                      | 46.4                 | 219                       | 50.0                      |                      |                           |                           |
| 175  | 20.9                 | 165                       | 39.2                      | 27.8                 | 183                       | 46.5                      | 36.2                 | 202                       | 51.3                      | 44.1                 | 214                       | 48.1                      |                      |                           |                           |
| 180  | 16.8                 | 153                       | 33.4                      | 24.0                 | 173                       | 43.2                      | 32.8                 | 194                       | 49.4                      | 41.6                 | 209                       | 46.4                      |                      |                           |                           |
| 185  |                      |                           |                           | 19.4                 | 160                       | 39.9                      | 30.1                 | 186                       | 47.7                      | 39.4                 | 203                       | 44.8                      |                      |                           |                           |
| 190  |                      |                           |                           |                      |                           |                           | 26.6                 | 177                       | 46.0                      | 36.2                 | 196                       | 43.2                      |                      |                           |                           |
| 195  |                      |                           |                           |                      |                           |                           | 22.5                 | 166                       | 43.4                      | 33.8                 | 190                       | 41.8                      |                      |                           |                           |
| 200  |                      |                           |                           |                      |                           |                           | 17.5                 | 152                       | 40.3                      | 30.6                 | 182                       | 40.4                      |                      |                           |                           |
| 205  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.1                 | 172                       | 39.1                      |                      |                           |                           |
| 210  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.2                 | 161                       | 37.8                      |                      |                           |                           |
| 215  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.4                 | 148                       | 36.6                      |                      |                           |                           |
| 219  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 172                       | 31.4                      |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 171                       | 31.2                      |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.7                 | 167                       | 30.3                      |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 158                       | 29.4                      |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.8                 | 148                       | 28.5                      |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.6                 | 136                       | 27.6                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 122                       | 26.8                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>184 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 52   | 78.0                 | 284                       | 134.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 77.0                 | 283                       | 134.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 75.4                 | 282                       | 132.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 73.8                 | 281                       | 129.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 72.1                 | 279                       | 123.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 70.5                 | 277                       | 118.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 76   |                      |                           |                           | 73.0                 | 279                       | 127.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 68.8                 | 275                       | 113.8                     | 71.6                 | 278                       | 126.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 67.1                 | 273                       | 108.2                     | 70.0                 | 276                       | 121.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 65.4                 | 271                       | 103.0                     | 68.3                 | 274                       | 115.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 63.7                 | 269                       | 98.6                      | 66.6                 | 272                       | 110.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 61.9                 | 266                       | 94.9                      | 64.9                 | 269                       | 104.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 60.1                 | 263                       | 90.7                      | 63.1                 | 267                       | 98.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 58.3                 | 260                       | 85.5                      | 61.4                 | 264                       | 94.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 113  |                      |                           |                           |                      |                           |                           | 65.0                 | 266                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 115  | 56.4                 | 257                       | 80.8                      | 59.6                 | 261                       | 89.4                      | 64.3                 | 266                       | 86.5                      |                      |                           |                           |                      |                           |                           |
| 120  | 54.5                 | 253                       | 76.5                      | 57.7                 | 258                       | 84.2                      | 62.5                 | 263                       | 82.3                      |                      |                           |                           |                      |                           |                           |
| 125  | 52.6                 | 250                       | 72.7                      | 55.9                 | 255                       | 79.6                      | 60.7                 | 260                       | 78.2                      |                      |                           |                           |                      |                           |                           |
| 130  | 50.6                 | 246                       | 69.4                      | 53.9                 | 251                       | 75.4                      | 58.9                 | 257                       | 74.4                      |                      |                           |                           |                      |                           |                           |
| 135  | 48.5                 | 241                       | 66.0                      | 52.0                 | 247                       | 71.9                      | 57.1                 | 254                       | 71.0                      |                      |                           |                           |                      |                           |                           |
| 140  | 46.4                 | 236                       | 62.4                      | 49.9                 | 243                       | 68.7                      | 55.2                 | 251                       | 67.8                      |                      |                           |                           |                      |                           |                           |
| 145  | 44.2                 | 231                       | 59.0                      | 47.9                 | 239                       | 65.3                      | 53.3                 | 247                       | 64.9                      |                      |                           |                           |                      |                           |                           |
| 150  | 41.8                 | 226                       | 55.8                      | 45.7                 | 234                       | 62.0                      | 51.3                 | 243                       | 62.2                      |                      |                           |                           |                      |                           |                           |
| 155  | 39.4                 | 220                       | 52.9                      | 43.5                 | 229                       | 58.9                      | 49.0                 | 238                       | 59.6                      |                      |                           |                           |                      |                           |                           |
| 156  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 244                       | 55.6                      |                      |                           |                           |
| 160  | 36.9                 | 214                       | 50.2                      | 41.1                 | 223                       | 56.1                      | 47.1                 | 234                       | 57.3                      | 53.4                 | 241                       | 53.8                      |                      |                           |                           |
| 165  | 34.1                 | 206                       | 47.8                      | 38.6                 | 217                       | 53.5                      | 44.9                 | 229                       | 55.1                      | 51.4                 | 237                       | 51.7                      |                      |                           |                           |
| 170  | 31.2                 | 198                       | 44.9                      | 36.0                 | 210                       | 51.1                      | 42.7                 | 224                       | 53.0                      | 49.3                 | 233                       | 49.7                      |                      |                           |                           |
| 175  | 28.0                 | 189                       | 41.9                      | 33.3                 | 203                       | 48.5                      | 39.9                 | 217                       | 51.0                      | 47.2                 | 228                       | 47.9                      |                      |                           |                           |
| 180  | 24.4                 | 179                       | 38.9                      | 30.3                 | 195                       | 45.6                      | 37.4                 | 211                       | 49.2                      | 45.3                 | 224                       | 46.2                      |                      |                           |                           |
| 185  | 20.2                 | 166                       | 35.9                      | 26.9                 | 185                       | 42.6                      | 35.1                 | 205                       | 47.5                      | 42.7                 | 218                       | 44.5                      |                      |                           |                           |
| 190  | 16.1                 | 154                       | 33.0                      | 23.2                 | 174                       | 39.7                      | 31.8                 | 196                       | 45.8                      | 40.3                 | 212                       | 43.0                      |                      |                           |                           |
| 195  |                      |                           |                           | 18.7                 | 161                       | 36.7                      | 28.6                 | 187                       | 44.3                      | 37.8                 | 206                       | 41.5                      |                      |                           |                           |
| 200  |                      |                           |                           |                      |                           |                           | 25.7                 | 179                       | 42.8                      | 35.5                 | 200                       | 40.2                      |                      |                           |                           |
| 205  |                      |                           |                           |                      |                           |                           | 21.7                 | 167                       | 40.2                      | 32.2                 | 191                       | 38.8                      |                      |                           |                           |
| 210  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.6                 | 184                       | 37.6                      |                      |                           |                           |
| 215  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.3                 | 174                       | 36.4                      |                      |                           |                           |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.4                 | 163                       | 35.3                      |                      |                           |                           |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.6                 | 145                       | 34.1                      |                      |                           |                           |
| 227  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 178                       | 29.6                      |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.5                 | 177                       | 29.2                      |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.6                 | 169                       | 28.3                      |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 160                       | 27.4                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.9                 | 150                       | 26.5                      |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 138                       | 25.7                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>194 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 54   | 78.0                 | 294                       | 123.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 77.7                 | 293                       | 123.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 76.2                 | 292                       | 122.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 74.6                 | 291                       | 120.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 73.1                 | 289                       | 117.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 71.5                 | 288                       | 112.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 79   |                      |                           |                           | 73.0                 | 288                       | 116.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 69.9                 | 286                       | 108.8                     | 72.6                 | 288                       | 116.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 68.4                 | 284                       | 105.6                     | 71.0                 | 286                       | 115.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 66.7                 | 282                       | 100.4                     | 69.5                 | 284                       | 111.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 65.1                 | 280                       | 95.8                      | 67.9                 | 282                       | 107.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 63.5                 | 277                       | 91.9                      | 66.2                 | 280                       | 102.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 61.8                 | 274                       | 88.6                      | 64.6                 | 278                       | 96.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 60.1                 | 272                       | 84.9                      | 63.0                 | 275                       | 91.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 58.4                 | 269                       | 80.1                      | 61.3                 | 273                       | 88.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 117  |                      |                           |                           |                      |                           |                           | 65.0                 | 276                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 120  | 56.6                 | 265                       | 75.8                      | 59.6                 | 270                       | 83.6                      | 64.0                 | 274                       | 81.8                      |                      |                           |                           |                      |                           |                           |
| 125  | 54.8                 | 262                       | 71.9                      | 57.8                 | 267                       | 78.9                      | 62.4                 | 272                       | 77.7                      |                      |                           |                           |                      |                           |                           |
| 130  | 52.9                 | 258                       | 68.4                      | 56.0                 | 263                       | 74.7                      | 60.7                 | 269                       | 74.0                      |                      |                           |                           |                      |                           |                           |
| 135  | 51.1                 | 254                       | 65.3                      | 54.2                 | 260                       | 70.9                      | 59.0                 | 266                       | 70.5                      |                      |                           |                           |                      |                           |                           |
| 140  | 49.1                 | 250                       | 62.4                      | 52.4                 | 256                       | 67.6                      | 57.2                 | 262                       | 67.3                      |                      |                           |                           |                      |                           |                           |
| 145  | 47.1                 | 245                       | 59.2                      | 50.5                 | 252                       | 64.8                      | 55.4                 | 259                       | 64.4                      |                      |                           |                           |                      |                           |                           |
| 150  | 45.0                 | 240                       | 56.1                      | 48.5                 | 248                       | 61.7                      | 53.4                 | 255                       | 61.7                      |                      |                           |                           |                      |                           |                           |
| 155  | 42.9                 | 235                       | 53.2                      | 46.5                 | 243                       | 58.7                      | 51.7                 | 252                       | 59.2                      |                      |                           |                           |                      |                           |                           |
| 160  | 40.6                 | 229                       | 50.5                      | 44.4                 | 238                       | 55.9                      | 49.6                 | 247                       | 56.8                      |                      |                           |                           |                      |                           |                           |
| 162  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 252                       | 52.6                      |                      |                           |                           |
| 165  | 38.3                 | 223                       | 48.0                      | 42.2                 | 232                       | 53.3                      | 47.6                 | 242                       | 54.6                      | 53.9                 | 250                       | 51.2                      |                      |                           |                           |
| 170  | 35.8                 | 216                       | 45.7                      | 39.9                 | 227                       | 50.8                      | 45.5                 | 238                       | 52.5                      | 51.8                 | 246                       | 49.2                      |                      |                           |                           |
| 175  | 33.1                 | 209                       | 43.4                      | 37.5                 | 220                       | 48.6                      | 43.6                 | 233                       | 50.6                      | 50.1                 | 242                       | 47.4                      |                      |                           |                           |
| 180  | 30.3                 | 201                       | 40.7                      | 35.0                 | 213                       | 46.6                      | 41.4                 | 228                       | 48.8                      | 48.1                 | 237                       | 45.7                      |                      |                           |                           |
| 185  | 27.1                 | 191                       | 38.0                      | 32.3                 | 206                       | 44.0                      | 38.8                 | 221                       | 47.0                      | 45.8                 | 232                       | 44.0                      |                      |                           |                           |
| 190  | 23.6                 | 181                       | 35.3                      | 29.3                 | 197                       | 41.3                      | 36.3                 | 214                       | 45.4                      | 43.7                 | 227                       | 42.5                      |                      |                           |                           |
| 195  | 19.5                 | 168                       | 32.5                      | 26.1                 | 187                       | 38.7                      | 34.1                 | 208                       | 43.9                      | 41.5                 | 221                       | 41.0                      |                      |                           |                           |
| 200  | 15.5                 | 155                       | 30.3                      | 22.4                 | 176                       | 36.0                      | 30.8                 | 198                       | 42.4                      | 39.5                 | 216                       | 39.7                      |                      |                           |                           |
| 205  |                      |                           |                           | 18.0                 | 162                       | 33.3                      | 27.7                 | 189                       | 41.0                      | 37.1                 | 210                       | 38.4                      |                      |                           |                           |
| 210  |                      |                           |                           |                      |                           |                           | 24.9                 | 181                       | 39.5                      | 34.1                 | 202                       | 37.1                      |                      |                           |                           |
| 215  |                      |                           |                           |                      |                           |                           | 21.0                 | 168                       | 37.0                      | 31.3                 | 193                       | 35.9                      |                      |                           |                           |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.2                 | 184                       | 34.8                      |                      |                           |                           |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.8                 | 174                       | 33.7                      |                      |                           |                           |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 167                       | 32.7                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.2                 | 153                       | 31.7                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 184                       | 27.3                      |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.5                 | 180                       | 26.6                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.7                 | 172                       | 25.8                      |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.6                 | 162                       | 24.9                      |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.2                 | 152                       | 24.1                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.1                 | 139                       | 23.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>203 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 56   | 78.0                 | 303                       | 114.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 76.8                 | 302                       | 114.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 75.4                 | 301                       | 112.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 73.9                 | 300                       | 111.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 72.4                 | 298                       | 108.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 71.0                 | 296                       | 104.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 82   |                      |                           |                           | 73.0                 | 298                       | 108.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 69.5                 | 295                       | 101.8                     | 72.0                 | 297                       | 108.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 67.9                 | 293                       | 98.6                      | 70.5                 | 295                       | 107.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 66.4                 | 290                       | 94.0                      | 69.0                 | 293                       | 103.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 64.9                 | 288                       | 89.9                      | 67.5                 | 291                       | 100.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 63.3                 | 286                       | 86.4                      | 65.9                 | 289                       | 95.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 61.7                 | 283                       | 83.5                      | 64.4                 | 286                       | 90.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 60.1                 | 280                       | 80.0                      | 62.8                 | 284                       | 86.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 58.4                 | 277                       | 75.7                      | 61.2                 | 281                       | 83.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 121  |                      |                           |                           |                      |                           |                           | 65.0                 | 284                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 125  | 56.7                 | 274                       | 71.8                      | 59.6                 | 278                       | 78.9                      | 63.8                 | 283                       | 77.3                      |                      |                           |                           |                      |                           |                           |
| 130  | 55.0                 | 270                       | 68.1                      | 57.9                 | 275                       | 74.6                      | 62.2                 | 280                       | 73.6                      |                      |                           |                           |                      |                           |                           |
| 135  | 53.3                 | 267                       | 64.9                      | 56.2                 | 272                       | 70.7                      | 60.6                 | 277                       | 70.1                      |                      |                           |                           |                      |                           |                           |
| 140  | 51.5                 | 263                       | 62.0                      | 54.5                 | 268                       | 67.2                      | 59.0                 | 274                       | 67.0                      |                      |                           |                           |                      |                           |                           |
| 145  | 49.7                 | 259                       | 59.5                      | 52.7                 | 265                       | 64.2                      | 57.2                 | 271                       | 64.0                      |                      |                           |                           |                      |                           |                           |
| 150  | 47.8                 | 254                       | 56.5                      | 50.9                 | 261                       | 61.6                      | 55.5                 | 267                       | 61.3                      |                      |                           |                           |                      |                           |                           |
| 155  | 45.8                 | 249                       | 53.7                      | 49.1                 | 256                       | 58.8                      | 53.7                 | 264                       | 58.8                      |                      |                           |                           |                      |                           |                           |
| 160  | 43.8                 | 244                       | 51.1                      | 47.2                 | 252                       | 56.1                      | 51.9                 | 260                       | 56.4                      |                      |                           |                           |                      |                           |                           |
| 165  | 41.7                 | 239                       | 48.5                      | 45.2                 | 247                       | 53.5                      | 50.1                 | 256                       | 54.2                      |                      |                           |                           |                      |                           |                           |
| 167  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 260                       | 49.9                      |                      |                           |                           |
| 170  | 39.5                 | 233                       | 46.2                      | 43.2                 | 242                       | 51.0                      | 48.4                 | 252                       | 52.2                      | 54.0                 | 258                       | 48.8                      |                      |                           |                           |
| 175  | 37.2                 | 226                       | 44.0                      | 41.0                 | 236                       | 48.7                      | 46.3                 | 246                       | 50.2                      | 52.2                 | 254                       | 47.0                      |                      |                           |                           |
| 180  | 34.8                 | 219                       | 42.1                      | 38.8                 | 230                       | 46.6                      | 44.3                 | 242                       | 48.4                      | 50.6                 | 250                       | 45.3                      |                      |                           |                           |
| 185  | 32.2                 | 212                       | 39.8                      | 36.5                 | 223                       | 44.7                      | 42.2                 | 236                       | 46.7                      | 48.5                 | 246                       | 43.6                      |                      |                           |                           |
| 190  | 29.4                 | 203                       | 37.3                      | 34.0                 | 216                       | 42.7                      | 40.3                 | 231                       | 45.1                      | 46.6                 | 241                       | 42.1                      |                      |                           |                           |
| 195  | 26.4                 | 193                       | 34.8                      | 31.4                 | 208                       | 40.3                      | 37.7                 | 224                       | 43.5                      | 44.8                 | 237                       | 40.7                      |                      |                           |                           |
| 200  | 22.9                 | 182                       | 32.3                      | 28.5                 | 199                       | 37.9                      | 35.6                 | 218                       | 42.1                      | 42.5                 | 231                       | 39.3                      |                      |                           |                           |
| 205  | 18.9                 | 169                       | 29.8                      | 25.3                 | 189                       | 35.5                      | 32.7                 | 209                       | 40.7                      | 40.3                 | 225                       | 38.0                      |                      |                           |                           |
| 210  |                      |                           |                           | 21.7                 | 178                       | 33.0                      | 30.4                 | 202                       | 39.4                      | 38.4                 | 219                       | 36.8                      |                      |                           |                           |
| 215  |                      |                           |                           | 17.4                 | 163                       | 30.5                      | 26.9                 | 191                       | 38.1                      | 36.0                 | 213                       | 35.6                      |                      |                           |                           |
| 220  |                      |                           |                           |                      |                           |                           | 24.1                 | 182                       | 36.6                      | 33.5                 | 205                       | 34.5                      |                      |                           |                           |
| 225  |                      |                           |                           |                      |                           |                           | 20.3                 | 170                       | 34.3                      | 30.8                 | 197                       | 33.4                      |                      |                           |                           |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.6                 | 190                       | 32.4                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.4                 | 180                       | 31.4                      |                      |                           |                           |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.8                 | 168                       | 30.5                      |                      |                           |                           |
| 244  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 189                       | 25.3                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.6                 | 154                       | 29.5                      | 34.2                 | 187                       | 25.1                      |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.6                 | 182                       | 24.4                      |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.8                 | 174                       | 23.6                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.8                 | 164                       | 22.8                      |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.4                 | 154                       | 22.1                      |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 140                       | 21.4                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>213 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 58   | 78.0                 | 313                       | 103.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 77.5                 | 312                       | 103.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 76.1                 | 311                       | 102.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 74.7                 | 310                       | 100.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 73.3                 | 308                       | 98.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 71.9                 | 307                       | 95.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 84   |                      |                           |                           | 73.0                 | 307                       | 96.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 70.4                 | 305                       | 93.4                      | 72.8                 | 307                       | 96.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 69.0                 | 303                       | 91.5                      | 71.4                 | 305                       | 96.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 67.6                 | 301                       | 88.2                      | 70.0                 | 304                       | 94.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 66.1                 | 299                       | 84.2                      | 68.6                 | 302                       | 91.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 64.6                 | 297                       | 80.7                      | 67.1                 | 300                       | 88.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 63.1                 | 294                       | 77.6                      | 65.6                 | 297                       | 84.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 61.6                 | 291                       | 75.1                      | 64.1                 | 295                       | 80.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 60.0                 | 289                       | 72.2                      | 62.6                 | 292                       | 76.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 58.5                 | 286                       | 68.8                      | 61.1                 | 290                       | 74.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           | 65.0                 | 293                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 130  | 56.9                 | 282                       | 65.6                      | 59.6                 | 287                       | 70.8                      | 63.6                 | 291                       | 73.1                      |                      |                           |                           |                      |                           |                           |
| 135  | 55.2                 | 279                       | 62.7                      | 58.0                 | 284                       | 67.5                      | 62.1                 | 288                       | 69.6                      |                      |                           |                           |                      |                           |                           |
| 140  | 53.6                 | 275                       | 60.1                      | 56.4                 | 280                       | 64.4                      | 60.6                 | 286                       | 66.5                      |                      |                           |                           |                      |                           |                           |
| 145  | 51.9                 | 271                       | 57.7                      | 54.7                 | 277                       | 61.7                      | 58.9                 | 282                       | 63.5                      |                      |                           |                           |                      |                           |                           |
| 150  | 50.1                 | 267                       | 55.7                      | 53.1                 | 273                       | 59.2                      | 57.3                 | 279                       | 60.8                      |                      |                           |                           |                      |                           |                           |
| 155  | 48.4                 | 263                       | 53.2                      | 51.3                 | 269                       | 57.1                      | 55.7                 | 276                       | 58.3                      |                      |                           |                           |                      |                           |                           |
| 160  | 46.5                 | 258                       | 50.7                      | 49.6                 | 265                       | 54.9                      | 54.2                 | 273                       | 56.0                      |                      |                           |                           |                      |                           |                           |
| 165  | 44.6                 | 253                       | 48.3                      | 47.8                 | 260                       | 52.6                      | 52.5                 | 269                       | 53.8                      |                      |                           |                           |                      |                           |                           |
| 170  | 42.7                 | 248                       | 46.0                      | 45.9                 | 256                       | 50.3                      | 50.6                 | 264                       | 51.7                      |                      |                           |                           |                      |                           |                           |
| 173  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 268                       | 47.2                      |                      |                           |                           |
| 175  | 40.6                 | 242                       | 43.8                      | 44.0                 | 251                       | 48.1                      | 49.0                 | 260                       | 49.8                      | 54.4                 | 267                       | 46.5                      |                      |                           |                           |
| 180  | 38.5                 | 236                       | 41.8                      | 42.0                 | 245                       | 46.1                      | 46.9                 | 255                       | 47.9                      | 52.6                 | 263                       | 44.7                      |                      |                           |                           |
| 185  | 36.2                 | 229                       | 40.0                      | 39.7                 | 238                       | 44.2                      | 45.0                 | 250                       | 46.2                      | 50.8                 | 259                       | 43.1                      |                      |                           |                           |
| 190  | 33.9                 | 222                       | 38.3                      | 37.5                 | 232                       | 42.5                      | 43.1                 | 245                       | 44.6                      | 49.1                 | 254                       | 41.6                      |                      |                           |                           |
| 195  | 31.3                 | 214                       | 36.0                      | 35.2                 | 225                       | 40.9                      | 41.3                 | 240                       | 43.1                      | 47.4                 | 250                       | 40.2                      |                      |                           |                           |
| 200  | 28.6                 | 205                       | 33.8                      | 33.1                 | 219                       | 38.9                      | 38.9                 | 233                       | 41.6                      | 45.4                 | 245                       | 38.8                      |                      |                           |                           |
| 205  | 25.6                 | 195                       | 31.5                      | 30.5                 | 211                       | 36.6                      | 37.0                 | 228                       | 40.3                      | 43.4                 | 240                       | 37.5                      |                      |                           |                           |
| 210  | 22.2                 | 184                       | 29.2                      | 27.7                 | 201                       | 34.4                      | 34.7                 | 221                       | 39.0                      | 41.6                 | 235                       | 36.3                      |                      |                           |                           |
| 215  | 18.3                 | 170                       | 26.9                      | 24.6                 | 191                       | 32.2                      | 31.8                 | 212                       | 37.7                      | 39.6                 | 229                       | 35.1                      |                      |                           |                           |
| 220  |                      |                           |                           | 21.1                 | 179                       | 30.0                      | 29.1                 | 203                       | 36.5                      | 37.4                 | 222                       | 34.0                      |                      |                           |                           |
| 225  |                      |                           |                           | 17.9                 | 168                       | 27.8                      | 26.7                 | 195                       | 35.4                      | 35.6                 | 217                       | 33.0                      |                      |                           |                           |
| 230  |                      |                           |                           |                      |                           |                           | 23.5                 | 184                       | 33.5                      | 33.2                 | 210                       | 31.9                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           | 19.7                 | 171                       | 31.4                      | 30.6                 | 202                       | 31.0                      |                      |                           |                           |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.8                 | 192                       | 30.0                      |                      |                           |                           |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.7                 | 182                       | 29.1                      |                      |                           |                           |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 170                       | 28.2                      |                      |                           |                           |
| 252  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 195                       | 23.2                      |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.0                 | 155                       | 27.4                      | 34.2                 | 193                       | 22.8                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.7                 | 185                       | 22.1                      |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.0                 | 176                       | 21.4                      |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.1                 | 166                       | 20.7                      |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.8                 | 155                       | 20.0                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.9                 | 142                       | 19.3                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>223 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 78.0                 | 323                       | 94.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 76.7                 | 321                       | 94.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 75.4                 | 320                       | 92.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 74.0                 | 319                       | 90.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 72.7                 | 317                       | 88.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 71.3                 | 316                       | 86.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 87   |                      |                           |                           | 73.0                 | 317                       | 87.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 70.0                 | 314                       | 84.7                      | 72.3                 | 316                       | 87.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 68.6                 | 312                       | 83.4                      | 70.9                 | 314                       | 86.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 67.2                 | 310                       | 79.8                      | 69.6                 | 312                       | 84.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 65.8                 | 308                       | 76.3                      | 68.2                 | 310                       | 81.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 64.4                 | 305                       | 73.2                      | 66.8                 | 308                       | 78.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 62.9                 | 303                       | 70.5                      | 65.4                 | 306                       | 75.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 61.5                 | 300                       | 68.3                      | 63.9                 | 303                       | 71.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 60.0                 | 297                       | 65.8                      | 62.5                 | 301                       | 69.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 129  |                      |                           |                           |                      |                           |                           | 65.0                 | 302                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 130  | 58.5                 | 294                       | 63.1                      | 61.0                 | 298                       | 67.0                      | 64.9                 | 302                       | 70.6                      |                      |                           |                           |                      |                           |                           |
| 135  | 57.0                 | 291                       | 60.5                      | 59.6                 | 295                       | 64.3                      | 63.4                 | 300                       | 69.4                      |                      |                           |                           |                      |                           |                           |
| 140  | 55.4                 | 287                       | 58.2                      | 58.0                 | 292                       | 61.7                      | 61.9                 | 297                       | 66.2                      |                      |                           |                           |                      |                           |                           |
| 145  | 53.8                 | 284                       | 56.0                      | 56.5                 | 289                       | 59.2                      | 60.4                 | 294                       | 63.3                      |                      |                           |                           |                      |                           |                           |
| 150  | 52.2                 | 280                       | 54.1                      | 54.9                 | 285                       | 57.0                      | 59.0                 | 291                       | 60.6                      |                      |                           |                           |                      |                           |                           |
| 155  | 50.6                 | 276                       | 52.4                      | 53.4                 | 282                       | 55.1                      | 57.4                 | 288                       | 58.0                      |                      |                           |                           |                      |                           |                           |
| 160  | 48.9                 | 272                       | 50.5                      | 51.7                 | 278                       | 53.4                      | 55.9                 | 284                       | 55.7                      |                      |                           |                           |                      |                           |                           |
| 165  | 47.1                 | 267                       | 48.2                      | 50.1                 | 274                       | 51.7                      | 54.3                 | 281                       | 53.5                      |                      |                           |                           |                      |                           |                           |
| 170  | 45.3                 | 262                       | 46.0                      | 48.3                 | 269                       | 49.6                      | 52.6                 | 277                       | 51.4                      |                      |                           |                           |                      |                           |                           |
| 175  | 43.5                 | 257                       | 43.9                      | 46.6                 | 265                       | 47.6                      | 51.0                 | 273                       | 49.5                      |                      |                           |                           |                      |                           |                           |
| 178  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 276                       | 44.9                      |                      |                           |                           |
| 180  | 41.6                 | 251                       | 41.9                      | 44.6                 | 259                       | 45.7                      | 49.5                 | 269                       | 47.7                      | 54.6                 | 275                       | 44.5                      |                      |                           |                           |
| 185  | 39.6                 | 246                       | 40.1                      | 42.7                 | 254                       | 44.0                      | 47.7                 | 265                       | 46.0                      | 52.9                 | 271                       | 42.8                      |                      |                           |                           |
| 190  | 37.5                 | 239                       | 38.3                      | 40.7                 | 248                       | 42.4                      | 46.0                 | 260                       | 44.4                      | 51.3                 | 267                       | 41.3                      |                      |                           |                           |
| 195  | 35.3                 | 232                       | 36.8                      | 38.7                 | 242                       | 40.9                      | 43.9                 | 254                       | 42.8                      | 49.7                 | 264                       | 39.9                      |                      |                           |                           |
| 200  | 33.0                 | 225                       | 35.0                      | 36.5                 | 235                       | 39.5                      | 42.3                 | 250                       | 41.4                      | 47.8                 | 259                       | 38.5                      |                      |                           |                           |
| 205  | 30.5                 | 216                       | 33.0                      | 34.3                 | 228                       | 38.0                      | 40.0                 | 243                       | 40.0                      | 46.0                 | 254                       | 37.2                      |                      |                           |                           |
| 210  | 27.9                 | 207                       | 30.9                      | 31.9                 | 220                       | 35.9                      | 37.9                 | 236                       | 38.7                      | 44.2                 | 249                       | 36.0                      |                      |                           |                           |
| 215  | 24.9                 | 197                       | 28.8                      | 29.3                 | 211                       | 33.8                      | 36.1                 | 231                       | 37.5                      | 42.3                 | 243                       | 34.8                      |                      |                           |                           |
| 220  | 21.6                 | 185                       | 26.7                      | 26.5                 | 202                       | 31.7                      | 33.8                 | 224                       | 36.3                      | 40.3                 | 238                       | 33.7                      |                      |                           |                           |
| 225  | 18.6                 | 174                       | 25.0                      | 23.4                 | 191                       | 29.6                      | 31.0                 | 214                       | 35.1                      | 39.0                 | 234                       | 32.7                      |                      |                           |                           |
| 230  |                      |                           |                           | 19.8                 | 178                       | 27.4                      | 28.8                 | 207                       | 34.1                      | 36.9                 | 227                       | 31.7                      |                      |                           |                           |
| 235  |                      |                           |                           | 17.3                 | 168                       | 25.8                      | 26.0                 | 197                       | 32.9                      | 34.7                 | 220                       | 30.7                      |                      |                           |                           |
| 240  |                      |                           |                           |                      |                           |                           | 22.8                 | 186                       | 31.0                      | 32.3                 | 212                       | 29.8                      |                      |                           |                           |
| 245  |                      |                           |                           |                      |                           |                           | 19.1                 | 172                       | 29.1                      | 29.8                 | 204                       | 28.9                      |                      |                           |                           |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.1                 | 194                       | 28.0                      |                      |                           |                           |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.0                 | 184                       | 27.2                      |                      |                           |                           |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 201                       | 21.6                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.6                 | 171                       | 26.4                      | 34.8                 | 200                       | 21.6                      |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 156                       | 25.6                      | 33.3                 | 195                       | 21.0                      |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.9                 | 187                       | 20.3                      |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.3                 | 178                       | 19.6                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.4                 | 168                       | 19.0                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.1                 | 157                       | 18.3                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.3                 | 143                       | 17.7                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>233 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 62   | 78.0                 | 332                       | 87.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 77.3                 | 332                       | 87.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 76.0                 | 330                       | 86.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 74.7                 | 329                       | 84.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 73.5                 | 328                       | 83.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 72.2                 | 326                       | 81.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 70.9                 | 324                       | 80.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   |                      |                           |                           | 73.0                 | 326                       | 81.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 69.6                 | 322                       | 79.1                      | 71.8                 | 324                       | 81.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 68.2                 | 320                       | 77.8                      | 70.5                 | 323                       | 80.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 66.9                 | 318                       | 75.0                      | 69.1                 | 321                       | 78.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 65.5                 | 316                       | 72.5                      | 67.8                 | 319                       | 76.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 64.2                 | 314                       | 70.3                      | 66.5                 | 317                       | 74.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 62.8                 | 311                       | 68.3                      | 65.1                 | 314                       | 72.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 61.4                 | 308                       | 66.6                      | 63.8                 | 312                       | 69.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 60.0                 | 306                       | 64.4                      | 62.4                 | 309                       | 67.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 134  |                      |                           |                           |                      |                           |                           | 65.0                 | 311                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 135  | 58.6                 | 302                       | 61.5                      | 60.9                 | 306                       | 66.4                      | 64.7                 | 310                       | 66.9                      |                      |                           |                           |                      |                           |                           |
| 140  | 57.1                 | 299                       | 58.8                      | 59.5                 | 304                       | 63.6                      | 63.2                 | 308                       | 65.7                      |                      |                           |                           |                      |                           |                           |
| 145  | 55.6                 | 296                       | 56.3                      | 58.0                 | 300                       | 60.7                      | 61.8                 | 305                       | 62.8                      |                      |                           |                           |                      |                           |                           |
| 150  | 54.1                 | 292                       | 54.0                      | 56.5                 | 297                       | 58.1                      | 60.4                 | 302                       | 60.1                      |                      |                           |                           |                      |                           |                           |
| 155  | 52.6                 | 289                       | 51.9                      | 55.0                 | 294                       | 55.6                      | 59.0                 | 300                       | 57.6                      |                      |                           |                           |                      |                           |                           |
| 160  | 51.0                 | 285                       | 50.1                      | 53.5                 | 290                       | 53.4                      | 57.5                 | 296                       | 55.2                      |                      |                           |                           |                      |                           |                           |
| 165  | 49.4                 | 280                       | 48.4                      | 51.9                 | 286                       | 51.5                      | 56.0                 | 293                       | 53.0                      |                      |                           |                           |                      |                           |                           |
| 170  | 47.7                 | 276                       | 46.2                      | 50.3                 | 282                       | 49.8                      | 54.6                 | 290                       | 51.0                      |                      |                           |                           |                      |                           |                           |
| 175  | 46.0                 | 271                       | 44.1                      | 48.7                 | 278                       | 47.8                      | 53.0                 | 286                       | 49.0                      |                      |                           |                           |                      |                           |                           |
| 180  | 44.3                 | 266                       | 42.1                      | 47.0                 | 273                       | 45.8                      | 51.4                 | 282                       | 47.2                      |                      |                           |                           |                      |                           |                           |
| 184  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 284                       | 42.6                      |                      |                           |                           |
| 185  | 42.5                 | 261                       | 40.2                      | 45.3                 | 268                       | 44.0                      | 49.8                 | 278                       | 45.5                      | 54.7                 | 284                       | 42.3                      |                      |                           |                           |
| 190  | 40.6                 | 255                       | 38.3                      | 43.5                 | 263                       | 42.2                      | 48.1                 | 273                       | 43.9                      | 53.2                 | 280                       | 40.8                      |                      |                           |                           |
| 195  | 38.6                 | 249                       | 36.6                      | 41.6                 | 257                       | 40.5                      | 46.6                 | 269                       | 42.4                      | 51.8                 | 276                       | 39.4                      |                      |                           |                           |
| 200  | 36.6                 | 242                       | 35.1                      | 39.7                 | 251                       | 39.0                      | 44.7                 | 263                       | 40.9                      | 50.0                 | 272                       | 38.0                      |                      |                           |                           |
| 205  | 34.5                 | 235                       | 33.6                      | 37.7                 | 245                       | 37.5                      | 43.1                 | 259                       | 39.6                      | 48.4                 | 267                       | 36.7                      |                      |                           |                           |
| 210  | 32.7                 | 229                       | 32.3                      | 35.6                 | 238                       | 36.2                      | 41.2                 | 253                       | 38.3                      | 46.7                 | 263                       | 35.5                      |                      |                           |                           |
| 215  | 30.3                 | 221                       | 30.5                      | 33.4                 | 231                       | 34.5                      | 39.0                 | 246                       | 37.0                      | 44.9                 | 258                       | 34.3                      |                      |                           |                           |
| 220  | 27.7                 | 212                       | 28.6                      | 31.1                 | 222                       | 32.6                      | 37.0                 | 240                       | 35.8                      | 43.1                 | 252                       | 33.2                      |                      |                           |                           |
| 225  | 24.9                 | 201                       | 26.7                      | 28.6                 | 214                       | 30.6                      | 34.9                 | 232                       | 34.7                      | 41.9                 | 249                       | 32.2                      |                      |                           |                           |
| 230  | 21.8                 | 189                       | 24.8                      | 25.8                 | 204                       | 28.7                      | 32.6                 | 225                       | 33.6                      | 40.0                 | 243                       | 31.2                      |                      |                           |                           |
| 235  | 18.1                 | 175                       | 22.9                      | 24.0                 | 197                       | 26.8                      | 30.2                 | 216                       | 32.6                      | 38.1                 | 237                       | 30.2                      |                      |                           |                           |
| 240  |                      |                           |                           | 20.7                 | 184                       | 25.2                      | 27.6                 | 207                       | 31.6                      | 36.0                 | 230                       | 29.3                      |                      |                           |                           |
| 245  |                      |                           |                           | 16.8                 | 169                       | 23.6                      | 25.3                 | 199                       | 29.9                      | 33.8                 | 223                       | 28.4                      |                      |                           |                           |
| 250  |                      |                           |                           |                      |                           |                           | 22.2                 | 187                       | 28.2                      | 31.5                 | 215                       | 27.6                      |                      |                           |                           |
| 255  |                      |                           |                           |                      |                           |                           | 18.6                 | 173                       | 26.4                      | 29.1                 | 206                       | 26.7                      |                      |                           |                           |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.4                 | 196                       | 25.9                      |                      |                           |                           |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.4                 | 185                       | 25.2                      |                      |                           |                           |
| 268  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 206                       | 19.7                      |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.0                 | 172                       | 24.4                      | 34.8                 | 206                       | 19.5                      |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 15.9                 | 157                       | 23.6                      | 32.5                 | 198                       | 18.9                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.1                 | 190                       | 18.2                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.6                 | 180                       | 17.6                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.7                 | 170                       | 17.0                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.5                 | 158                       | 16.4                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.8                 | 144                       | 15.8                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>243 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 64   | 78.0                 | 342                       | 80.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 77.8                 | 342                       | 80.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 76.6                 | 340                       | 80.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 75.4                 | 339                       | 79.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 74.1                 | 338                       | 78.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 72.9                 | 336                       | 77.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 71.7                 | 335                       | 76.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 93   |                      |                           |                           | 73.0                 | 335                       | 77.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 70.4                 | 333                       | 75.5                      | 72.5                 | 335                       | 77.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 69.2                 | 331                       | 74.7                      | 71.3                 | 333                       | 77.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 67.9                 | 329                       | 73.3                      | 70.0                 | 331                       | 75.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 66.6                 | 327                       | 71.4                      | 68.8                 | 329                       | 74.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 65.3                 | 324                       | 69.6                      | 67.5                 | 327                       | 73.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 64.0                 | 322                       | 68.0                      | 66.2                 | 325                       | 71.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 62.7                 | 320                       | 66.6                      | 64.9                 | 323                       | 69.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 61.3                 | 317                       | 65.4                      | 63.6                 | 320                       | 68.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 60.0                 | 314                       | 63.3                      | 62.3                 | 318                       | 66.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 138  |                      |                           |                           |                      |                           |                           | 65.0                 | 320                       | 64.0                      |                      |                           |                           |                      |                           |                           |
| 140  | 58.6                 | 311                       | 60.3                      | 60.8                 | 315                       | 66.3                      | 64.4                 | 319                       | 64.1                      |                      |                           |                           |                      |                           |                           |
| 145  | 57.2                 | 308                       | 57.5                      | 59.5                 | 312                       | 63.4                      | 63.1                 | 316                       | 62.4                      |                      |                           |                           |                      |                           |                           |
| 150  | 55.8                 | 304                       | 54.9                      | 58.1                 | 309                       | 60.4                      | 61.7                 | 314                       | 59.7                      |                      |                           |                           |                      |                           |                           |
| 155  | 54.3                 | 301                       | 52.5                      | 56.7                 | 306                       | 57.5                      | 60.4                 | 311                       | 57.2                      |                      |                           |                           |                      |                           |                           |
| 160  | 52.8                 | 297                       | 50.3                      | 55.2                 | 302                       | 54.9                      | 59.0                 | 308                       | 54.8                      |                      |                           |                           |                      |                           |                           |
| 165  | 51.3                 | 293                       | 48.4                      | 53.7                 | 298                       | 52.5                      | 57.6                 | 305                       | 52.6                      |                      |                           |                           |                      |                           |                           |
| 170  | 49.8                 | 289                       | 46.7                      | 52.3                 | 295                       | 50.4                      | 56.2                 | 301                       | 50.6                      |                      |                           |                           |                      |                           |                           |
| 175  | 48.2                 | 285                       | 44.6                      | 50.7                 | 291                       | 48.5                      | 54.8                 | 298                       | 48.7                      |                      |                           |                           |                      |                           |                           |
| 180  | 46.6                 | 280                       | 42.6                      | 49.2                 | 286                       | 46.6                      | 53.2                 | 294                       | 46.8                      |                      |                           |                           |                      |                           |                           |
| 185  | 45.0                 | 275                       | 40.7                      | 47.6                 | 282                       | 44.6                      | 51.7                 | 290                       | 45.1                      |                      |                           |                           |                      |                           |                           |
| 190  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 292                       | 40.4                      |                      |                           |                           |
| 190  | 43.3                 | 270                       | 38.8                      | 45.9                 | 277                       | 42.7                      | 50.2                 | 286                       | 43.5                      | 54.9                 | 292                       | 40.4                      |                      |                           |                           |
| 195  | 41.5                 | 264                       | 37.0                      | 44.2                 | 272                       | 40.9                      | 48.6                 | 282                       | 42.0                      | 53.6                 | 289                       | 39.0                      |                      |                           |                           |
| 200  | 39.7                 | 258                       | 35.4                      | 42.5                 | 266                       | 39.2                      | 47.2                 | 278                       | 40.6                      | 52.0                 | 285                       | 37.6                      |                      |                           |                           |
| 205  | 37.7                 | 252                       | 33.8                      | 40.7                 | 261                       | 37.6                      | 45.3                 | 272                       | 39.2                      | 50.4                 | 280                       | 36.3                      |                      |                           |                           |
| 210  | 35.8                 | 245                       | 32.4                      | 38.8                 | 254                       | 36.1                      | 43.6                 | 267                       | 37.9                      | 48.9                 | 276                       | 35.1                      |                      |                           |                           |
| 215  | 34.1                 | 239                       | 32.1                      | 36.9                 | 248                       | 34.7                      | 42.1                 | 262                       | 36.7                      | 47.3                 | 272                       | 33.9                      |                      |                           |                           |
| 220  | 31.9                 | 232                       | 30.4                      | 35.6                 | 244                       | 33.4                      | 40.3                 | 256                       | 35.5                      | 46.2                 | 268                       | 32.9                      |                      |                           |                           |
| 225  | 29.6                 | 223                       | 28.5                      | 33.5                 | 236                       | 32.2                      | 38.4                 | 250                       | 34.4                      | 44.5                 | 263                       | 31.8                      |                      |                           |                           |
| 230  | 27.1                 | 214                       | 26.7                      | 31.2                 | 228                       | 30.5                      | 36.9                 | 245                       | 33.3                      | 42.8                 | 258                       | 30.8                      |                      |                           |                           |
| 235  | 24.3                 | 203                       | 24.8                      | 28.8                 | 219                       | 28.8                      | 34.8                 | 238                       | 32.3                      | 41.0                 | 252                       | 29.9                      |                      |                           |                           |
| 240  | 21.2                 | 191                       | 22.9                      | 26.3                 | 210                       | 27.0                      | 32.7                 | 230                       | 31.3                      | 39.1                 | 246                       | 28.9                      |                      |                           |                           |
| 245  | 17.6                 | 176                       | 21.0                      | 23.4                 | 198                       | 25.3                      | 30.4                 | 222                       | 30.4                      | 37.2                 | 240                       | 28.0                      |                      |                           |                           |
| 250  |                      |                           |                           | 20.2                 | 186                       | 23.5                      | 27.4                 | 211                       | 29.1                      | 35.2                 | 233                       | 27.2                      |                      |                           |                           |
| 255  |                      |                           |                           | 16.3                 | 170                       | 21.7                      | 25.3                 | 203                       | 27.6                      | 33.0                 | 225                       | 26.3                      |                      |                           |                           |
| 260  |                      |                           |                           |                      |                           |                           | 22.3                 | 191                       | 26.2                      | 30.8                 | 217                       | 25.5                      |                      |                           |                           |
| 265  |                      |                           |                           |                      |                           |                           | 18.9                 | 178                       | 24.7                      | 28.4                 | 208                       | 24.7                      |                      |                           |                           |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.7                 | 198                       | 23.9                      |                      |                           |                           |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.8                 | 187                       | 23.1                      |                      |                           |                           |
| 276  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 212                       | 18.1                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 174                       | 22.4                      | 34.0                 | 208                       | 17.7                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 15.5                 | 158                       | 21.6                      | 31.8                 | 201                       | 17.0                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 192                       | 16.4                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.9                 | 182                       | 15.9                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 172                       | 15.3                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.0                 | 159                       | 14.7                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.3                 | 145                       | 14.2                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs]: 273.4  
 Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>253 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 66   | 78.0                 | 351                       | 74.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 77.1                 | 351                       | 74.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 76.0                 | 349                       | 73.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 74.8                 | 348                       | 72.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 73.6                 | 347                       | 71.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 72.4                 | 345                       | 70.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 71.2                 | 343                       | 69.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 96   |                      |                           |                           | 73.0                 | 345                       | 70.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 70.0                 | 342                       | 68.6                      | 72.0                 | 344                       | 70.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 68.8                 | 340                       | 67.9                      | 70.8                 | 342                       | 70.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 67.6                 | 338                       | 66.5                      | 69.6                 | 340                       | 69.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 66.3                 | 335                       | 65.1                      | 68.4                 | 338                       | 67.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 65.1                 | 333                       | 63.8                      | 67.2                 | 336                       | 66.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 63.8                 | 331                       | 62.6                      | 65.9                 | 334                       | 65.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 62.5                 | 328                       | 61.6                      | 64.7                 | 331                       | 64.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 61.3                 | 325                       | 60.7                      | 63.4                 | 329                       | 62.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 59.9                 | 322                       | 58.8                      | 62.1                 | 326                       | 61.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 142  |                      |                           |                           |                      |                           |                           | 65.0                 | 329                       | 59.9                      |                      |                           |                           |                      |                           |                           |
| 145  | 58.6                 | 320                       | 56.2                      | 60.8                 | 323                       | 61.1                      | 64.3                 | 328                       | 60.3                      |                      |                           |                           |                      |                           |                           |
| 150  | 57.3                 | 316                       | 53.7                      | 59.5                 | 320                       | 58.5                      | 62.9                 | 325                       | 59.2                      |                      |                           |                           |                      |                           |                           |
| 155  | 55.9                 | 313                       | 51.4                      | 58.1                 | 317                       | 55.8                      | 61.6                 | 322                       | 56.7                      |                      |                           |                           |                      |                           |                           |
| 160  | 54.5                 | 309                       | 49.3                      | 56.8                 | 314                       | 53.4                      | 60.4                 | 320                       | 54.4                      |                      |                           |                           |                      |                           |                           |
| 165  | 53.1                 | 306                       | 47.3                      | 55.4                 | 311                       | 51.2                      | 59.1                 | 317                       | 52.2                      |                      |                           |                           |                      |                           |                           |
| 170  | 51.7                 | 302                       | 45.5                      | 54.0                 | 307                       | 49.1                      | 57.7                 | 313                       | 50.1                      |                      |                           |                           |                      |                           |                           |
| 175  | 50.2                 | 298                       | 44.0                      | 52.5                 | 303                       | 47.3                      | 56.3                 | 310                       | 48.2                      |                      |                           |                           |                      |                           |                           |
| 180  | 48.7                 | 293                       | 42.2                      | 51.1                 | 299                       | 45.7                      | 55.0                 | 307                       | 46.4                      |                      |                           |                           |                      |                           |                           |
| 185  | 47.2                 | 289                       | 40.4                      | 49.6                 | 295                       | 44.0                      | 53.6                 | 303                       | 44.7                      |                      |                           |                           |                      |                           |                           |
| 190  | 45.6                 | 284                       | 38.5                      | 48.1                 | 290                       | 42.2                      | 52.2                 | 299                       | 43.1                      |                      |                           |                           |                      |                           |                           |
| 195  | 44.0                 | 279                       | 36.8                      | 46.5                 | 286                       | 40.5                      | 50.6                 | 295                       | 41.5                      |                      |                           |                           |                      |                           |                           |
| 195  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 300                       | 38.3                      |                      |                           |                           |
| 200  | 42.3                 | 273                       | 35.1                      | 44.9                 | 281                       | 38.8                      | 49.1                 | 290                       | 40.1                      | 53.7                 | 297                       | 37.1                      |                      |                           |                           |
| 205  | 40.6                 | 268                       | 33.5                      | 43.2                 | 276                       | 37.2                      | 47.5                 | 286                       | 38.7                      | 52.3                 | 293                       | 35.8                      |                      |                           |                           |
| 210  | 38.8                 | 262                       | 32.0                      | 41.5                 | 270                       | 35.7                      | 46.0                 | 281                       | 37.4                      | 50.8                 | 289                       | 34.6                      |                      |                           |                           |
| 215  | 36.9                 | 255                       | 30.6                      | 39.8                 | 264                       | 34.3                      | 44.3                 | 276                       | 36.2                      | 49.8                 | 286                       | 33.4                      |                      |                           |                           |
| 220  | 35.4                 | 250                       | 29.5                      | 37.9                 | 258                       | 32.9                      | 42.7                 | 271                       | 35.0                      | 48.3                 | 282                       | 32.4                      |                      |                           |                           |
| 225  | 33.4                 | 242                       | 28.8                      | 36.7                 | 253                       | 31.8                      | 40.9                 | 265                       | 33.9                      | 46.7                 | 277                       | 31.3                      |                      |                           |                           |
| 230  | 31.2                 | 234                       | 27.1                      | 34.8                 | 246                       | 31.6                      | 39.8                 | 261                       | 32.9                      | 45.1                 | 272                       | 30.3                      |                      |                           |                           |
| 235  | 28.9                 | 225                       | 25.4                      | 32.7                 | 239                       | 29.9                      | 38.0                 | 255                       | 31.9                      | 43.5                 | 267                       | 29.3                      |                      |                           |                           |
| 240  | 26.4                 | 216                       | 23.7                      | 30.5                 | 230                       | 28.2                      | 36.1                 | 248                       | 30.9                      | 41.8                 | 262                       | 28.3                      |                      |                           |                           |
| 245  | 23.7                 | 205                       | 22.0                      | 28.2                 | 222                       | 26.5                      | 34.1                 | 241                       | 30.0                      | 40.1                 | 256                       | 27.4                      |                      |                           |                           |
| 250  | 20.7                 | 192                       | 20.3                      | 25.6                 | 212                       | 24.8                      | 32.0                 | 233                       | 29.1                      | 38.3                 | 250                       | 26.5                      |                      |                           |                           |
| 255  | 17.1                 | 177                       | 18.5                      | 22.8                 | 200                       | 23.1                      | 29.7                 | 224                       | 28.2                      | 36.4                 | 243                       | 25.6                      |                      |                           |                           |
| 260  |                      |                           |                           | 19.6                 | 187                       | 21.3                      | 27.3                 | 215                       | 27.4                      | 34.4                 | 236                       | 24.8                      |                      |                           |                           |
| 265  |                      |                           |                           | 15.8                 | 171                       | 19.5                      | 24.7                 | 205                       | 25.9                      | 32.3                 | 228                       | 24.0                      |                      |                           |                           |
| 270  |                      |                           |                           |                      |                           |                           | 21.8                 | 193                       | 24.3                      | 30.1                 | 220                       | 23.2                      |                      |                           |                           |
| 275  |                      |                           |                           |                      |                           |                           | 18.4                 | 179                       | 22.7                      | 27.7                 | 210                       | 22.5                      |                      |                           |                           |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.1                 | 200                       | 21.7                      |                      |                           |                           |
| 284  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 218                       | 16.3                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.3                 | 188                       | 21.0                      | 34.5                 | 216                       | 16.2                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 175                       | 20.3                      | 33.2                 | 211                       | 15.7                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.1                 | 203                       | 15.1                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.7                 | 194                       | 14.6                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.3                 | 184                       | 14.0                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.5                 | 173                       | 13.5                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.4                 | 161                       | 13.0                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.8                 | 146                       | 12.5                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>262 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 68   | 78.0                 | 361                       | 68.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 77.6                 | 361                       | 68.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 76.5                 | 360                       | 68.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 75.4                 | 358                       | 67.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 74.2                 | 357                       | 66.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 73.1                 | 355                       | 65.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 71.9                 | 354                       | 64.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 99   |                      |                           |                           | 73.0                 | 354                       | 65.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 70.8                 | 352                       | 63.7                      | 72.7                 | 354                       | 65.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 69.6                 | 350                       | 62.9                      | 71.6                 | 352                       | 65.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 68.4                 | 348                       | 62.2                      | 70.4                 | 350                       | 64.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 67.3                 | 346                       | 61.1                      | 69.3                 | 349                       | 63.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 66.1                 | 344                       | 60.1                      | 68.1                 | 347                       | 62.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 64.8                 | 342                       | 59.1                      | 66.9                 | 344                       | 61.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 63.7                 | 339                       | 58.3                      | 65.7                 | 342                       | 60.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 62.4                 | 336                       | 57.5                      | 64.5                 | 340                       | 59.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 61.1                 | 334                       | 56.9                      | 63.3                 | 337                       | 58.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 59.9                 | 331                       | 55.2                      | 62.0                 | 335                       | 58.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 146  |                      |                           |                           |                      |                           |                           | 65.0                 | 338                       | 56.6                      |                      |                           |                           |                      |                           |                           |
| 150  | 58.7                 | 328                       | 52.8                      | 60.8                 | 332                       | 57.4                      | 64.1                 | 336                       | 57.3                      |                      |                           |                           |                      |                           |                           |
| 155  | 57.4                 | 325                       | 50.6                      | 59.5                 | 329                       | 55.0                      | 62.9                 | 334                       | 56.4                      |                      |                           |                           |                      |                           |                           |
| 160  | 56.1                 | 321                       | 48.5                      | 58.3                 | 326                       | 52.6                      | 61.6                 | 331                       | 54.1                      |                      |                           |                           |                      |                           |                           |
| 165  | 54.7                 | 318                       | 46.6                      | 57.0                 | 323                       | 50.4                      | 60.4                 | 328                       | 51.9                      |                      |                           |                           |                      |                           |                           |
| 170  | 53.4                 | 314                       | 44.8                      | 55.6                 | 320                       | 48.3                      | 59.0                 | 325                       | 49.8                      |                      |                           |                           |                      |                           |                           |
| 175  | 52.0                 | 310                       | 43.2                      | 54.2                 | 316                       | 46.4                      | 57.7                 | 322                       | 47.9                      |                      |                           |                           |                      |                           |                           |
| 180  | 50.6                 | 306                       | 41.8                      | 52.8                 | 312                       | 44.8                      | 56.4                 | 318                       | 46.1                      |                      |                           |                           |                      |                           |                           |
| 185  | 49.1                 | 302                       | 40.3                      | 51.4                 | 308                       | 43.4                      | 55.1                 | 315                       | 44.4                      |                      |                           |                           |                      |                           |                           |
| 190  | 47.7                 | 298                       | 38.6                      | 50.0                 | 304                       | 42.0                      | 53.8                 | 312                       | 42.8                      |                      |                           |                           |                      |                           |                           |
| 195  | 46.2                 | 293                       | 36.9                      | 48.5                 | 299                       | 40.3                      | 52.5                 | 308                       | 41.3                      |                      |                           |                           |                      |                           |                           |
| 200  | 44.6                 | 288                       | 35.2                      | 47.0                 | 295                       | 38.6                      | 50.9                 | 303                       | 39.8                      |                      |                           |                           |                      |                           |                           |
| 201  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 308                       | 36.5                      |                      |                           |                           |
| 205  | 43.0                 | 282                       | 33.6                      | 45.5                 | 290                       | 37.1                      | 49.6                 | 300                       | 38.5                      | 53.9                 | 306                       | 35.5                      |                      |                           |                           |
| 210  | 41.4                 | 277                       | 32.1                      | 43.9                 | 285                       | 35.6                      | 48.2                 | 295                       | 37.2                      | 52.6                 | 302                       | 34.3                      |                      |                           |                           |
| 215  | 39.7                 | 271                       | 30.7                      | 42.3                 | 279                       | 34.2                      | 46.5                 | 290                       | 35.9                      | 51.6                 | 299                       | 33.2                      |                      |                           |                           |
| 220  | 38.0                 | 265                       | 29.3                      | 40.7                 | 273                       | 32.8                      | 45.0                 | 285                       | 34.7                      | 50.2                 | 295                       | 32.0                      |                      |                           |                           |
| 225  | 36.1                 | 258                       | 28.1                      | 38.9                 | 267                       | 31.5                      | 43.4                 | 280                       | 33.6                      | 48.7                 | 291                       | 30.9                      |                      |                           |                           |
| 230  | 34.6                 | 252                       | 27.1                      | 37.1                 | 261                       | 30.3                      | 42.0                 | 275                       | 32.6                      | 47.3                 | 286                       | 29.9                      |                      |                           |                           |
| 235  | 32.6                 | 245                       | 26.0                      | 35.9                 | 256                       | 29.8                      | 40.7                 | 270                       | 31.5                      | 45.7                 | 281                       | 28.9                      |                      |                           |                           |
| 240  | 30.5                 | 236                       | 24.4                      | 34.0                 | 249                       | 29.0                      | 38.9                 | 264                       | 30.6                      | 44.2                 | 276                       | 27.9                      |                      |                           |                           |
| 245  | 28.3                 | 228                       | 22.8                      | 32.0                 | 241                       | 27.4                      | 37.2                 | 258                       | 29.7                      | 42.6                 | 271                       | 27.0                      |                      |                           |                           |
| 250  | 25.8                 | 218                       | 21.3                      | 29.9                 | 233                       | 25.8                      | 35.3                 | 251                       | 28.8                      | 40.9                 | 265                       | 26.1                      |                      |                           |                           |
| 255  | 23.2                 | 206                       | 19.7                      | 27.6                 | 224                       | 24.2                      | 33.3                 | 244                       | 27.9                      | 39.2                 | 259                       | 25.2                      |                      |                           |                           |
| 260  | 20.2                 | 194                       | 18.1                      | 25.1                 | 213                       | 22.6                      | 31.3                 | 236                       | 27.1                      | 37.4                 | 253                       | 24.4                      |                      |                           |                           |
| 265  | 16.6                 | 178                       | 16.5                      | 22.3                 | 202                       | 21.0                      | 29.1                 | 227                       | 26.3                      | 35.6                 | 246                       | 23.6                      |                      |                           |                           |
| 270  |                      |                           |                           | 19.1                 | 188                       | 19.3                      | 26.7                 | 217                       | 25.1                      | 33.7                 | 238                       | 22.8                      |                      |                           |                           |
| 275  |                      |                           |                           |                      |                           |                           | 24.1                 | 206                       | 23.7                      | 31.6                 | 230                       | 22.1                      |                      |                           |                           |
| 280  |                      |                           |                           |                      |                           |                           | 21.3                 | 194                       | 22.2                      | 29.4                 | 222                       | 21.3                      |                      |                           |                           |
| 285  |                      |                           |                           |                      |                           |                           | 17.9                 | 180                       | 20.6                      | 27.1                 | 212                       | 20.6                      |                      |                           |                           |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.6                 | 202                       | 20.0                      |                      |                           |                           |
| 292  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 223                       | 15.0                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.7                 | 190                       | 19.3                      | 34.5                 | 221                       | 14.7                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.5                 | 176                       | 18.7                      | 32.5                 | 214                       | 14.2                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.4                 | 205                       | 13.6                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.1                 | 196                       | 13.1                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.7                 | 186                       | 12.6                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.0                 | 175                       | 12.1                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.9                 | 162                       | 11.6                      |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 146                       | 11.1                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>272 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 78.0                 | 371                       | 63.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 77.0                 | 370                       | 63.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 75.9                 | 368                       | 62.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 74.8                 | 367                       | 61.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 73.7                 | 366                       | 60.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 72.6                 | 364                       | 59.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 71.5                 | 362                       | 58.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 102  |                      |                           |                           | 73.0                 | 364                       | 59.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 70.4                 | 361                       | 57.6                      | 72.3                 | 363                       | 59.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 69.3                 | 359                       | 56.8                      | 71.2                 | 361                       | 58.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 68.1                 | 357                       | 56.0                      | 70.0                 | 359                       | 57.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 67.0                 | 355                       | 55.0                      | 68.9                 | 357                       | 56.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 65.8                 | 352                       | 54.0                      | 67.8                 | 355                       | 55.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 64.6                 | 350                       | 53.2                      | 66.6                 | 353                       | 54.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 63.5                 | 348                       | 52.4                      | 65.5                 | 351                       | 53.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 62.3                 | 345                       | 51.7                      | 64.3                 | 348                       | 53.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 61.1                 | 342                       | 51.2                      | 63.1                 | 346                       | 52.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 59.9                 | 339                       | 49.7                      | 62.0                 | 343                       | 51.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           | 65.0                 | 347                       | 50.6                      |                      |                           |                           |                      |                           |                           |
| 155  | 58.7                 | 336                       | 47.9                      | 60.8                 | 340                       | 51.1                      | 63.9                 | 345                       | 51.3                      |                      |                           |                           |                      |                           |                           |
| 160  | 57.4                 | 333                       | 46.2                      | 59.5                 | 338                       | 49.3                      | 62.7                 | 342                       | 51.0                      |                      |                           |                           |                      |                           |                           |
| 165  | 56.2                 | 330                       | 44.6                      | 58.3                 | 334                       | 47.5                      | 61.5                 | 339                       | 49.9                      |                      |                           |                           |                      |                           |                           |
| 170  | 54.9                 | 326                       | 43.0                      | 57.1                 | 331                       | 45.8                      | 60.3                 | 336                       | 48.6                      |                      |                           |                           |                      |                           |                           |
| 175  | 53.6                 | 323                       | 41.6                      | 55.8                 | 328                       | 44.3                      | 59.1                 | 334                       | 47.4                      |                      |                           |                           |                      |                           |                           |
| 180  | 52.3                 | 319                       | 40.3                      | 54.4                 | 324                       | 42.9                      | 57.8                 | 330                       | 45.6                      |                      |                           |                           |                      |                           |                           |
| 185  | 50.9                 | 315                       | 39.2                      | 53.1                 | 320                       | 41.7                      | 56.5                 | 327                       | 43.9                      |                      |                           |                           |                      |                           |                           |
| 190  | 49.5                 | 311                       | 38.2                      | 51.7                 | 316                       | 40.6                      | 55.2                 | 324                       | 42.3                      |                      |                           |                           |                      |                           |                           |
| 195  | 48.1                 | 306                       | 36.5                      | 50.4                 | 312                       | 39.6                      | 53.9                 | 320                       | 40.8                      |                      |                           |                           |                      |                           |                           |
| 200  | 46.7                 | 302                       | 34.9                      | 49.0                 | 308                       | 38.1                      | 52.7                 | 316                       | 39.4                      |                      |                           |                           |                      |                           |                           |
| 205  | 45.2                 | 297                       | 33.4                      | 47.5                 | 304                       | 36.5                      | 51.3                 | 312                       | 38.0                      |                      |                           |                           |                      |                           |                           |
| 207  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 316                       | 34.3                      |                      |                           |                           |
| 210  | 43.7                 | 292                       | 31.9                      | 46.1                 | 299                       | 35.1                      | 49.9                 | 308                       | 36.7                      | 54.1                 | 314                       | 33.5                      |                      |                           |                           |
| 215  | 42.2                 | 286                       | 30.4                      | 44.6                 | 294                       | 33.7                      | 48.6                 | 304                       | 35.5                      | 53.2                 | 312                       | 32.4                      |                      |                           |                           |
| 220  | 40.6                 | 280                       | 29.1                      | 43.0                 | 288                       | 32.3                      | 47.0                 | 299                       | 34.3                      | 51.9                 | 308                       | 31.3                      |                      |                           |                           |
| 225  | 38.9                 | 274                       | 27.8                      | 41.5                 | 283                       | 31.0                      | 45.7                 | 295                       | 33.2                      | 50.5                 | 304                       | 30.2                      |                      |                           |                           |
| 230  | 37.2                 | 268                       | 26.6                      | 39.8                 | 277                       | 29.8                      | 44.1                 | 289                       | 32.1                      | 49.1                 | 299                       | 29.1                      |                      |                           |                           |
| 235  | 35.8                 | 262                       | 25.6                      | 38.1                 | 270                       | 28.6                      | 42.5                 | 283                       | 31.1                      | 47.7                 | 295                       | 28.1                      |                      |                           |                           |
| 240  | 33.9                 | 255                       | 25.0                      | 37.0                 | 266                       | 27.8                      | 41.5                 | 280                       | 30.2                      | 46.3                 | 290                       | 27.2                      |                      |                           |                           |
| 245  | 32.0                 | 247                       | 23.6                      | 35.2                 | 259                       | 27.4                      | 39.8                 | 274                       | 29.2                      | 44.8                 | 285                       | 26.3                      |                      |                           |                           |
| 250  | 29.9                 | 239                       | 22.1                      | 33.3                 | 252                       | 26.1                      | 38.1                 | 268                       | 28.4                      | 43.3                 | 280                       | 25.4                      |                      |                           |                           |
| 255  | 27.7                 | 230                       | 20.6                      | 31.3                 | 244                       | 24.7                      | 36.4                 | 261                       | 27.5                      | 41.7                 | 274                       | 24.5                      |                      |                           |                           |
| 260  | 25.3                 | 219                       | 19.1                      | 29.2                 | 235                       | 23.2                      | 34.6                 | 254                       | 26.7                      | 40.1                 | 268                       | 23.7                      |                      |                           |                           |
| 265  | 22.7                 | 208                       | 17.6                      | 27.0                 | 226                       | 21.7                      | 32.6                 | 246                       | 25.9                      | 38.4                 | 262                       | 22.9                      |                      |                           |                           |
| 270  | 19.7                 | 195                       | 16.1                      | 24.5                 | 215                       | 20.2                      | 30.6                 | 238                       | 25.0                      | 36.7                 | 256                       | 22.1                      |                      |                           |                           |
| 275  | 16.2                 | 179                       | 14.6                      | 21.8                 | 203                       | 18.7                      | 28.5                 | 229                       | 24.1                      | 34.9                 | 249                       | 21.4                      |                      |                           |                           |
| 280  |                      |                           |                           | 18.7                 | 189                       | 17.2                      | 26.1                 | 219                       | 22.7                      | 33.0                 | 241                       | 20.7                      |                      |                           |                           |
| 285  |                      |                           |                           |                      |                           |                           | 23.6                 | 208                       | 21.3                      | 30.9                 | 233                       | 20.0                      |                      |                           |                           |
| 290  |                      |                           |                           |                      |                           |                           | 20.8                 | 196                       | 19.9                      | 28.8                 | 224                       | 19.3                      |                      |                           |                           |
| 295  |                      |                           |                           |                      |                           |                           | 17.5                 | 181                       | 18.5                      | 26.5                 | 214                       | 18.6                      |                      |                           |                           |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 229                       | 13.3                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.0                 | 204                       | 18.0                      | 35.0                 | 229                       | 13.3                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 191                       | 17.4                      | 33.8                 | 224                       | 12.9                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.0                 | 177                       | 16.8                      | 31.8                 | 216                       | 12.4                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.7                 | 208                       | 11.9                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.5                 | 198                       | 11.4                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.1                 | 188                       | 10.9                      |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 177                       | 10.4                      |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 163                       | 10.0                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>282 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 72   | 78.0                 | 380                       | 59.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 77.5                 | 380                       | 59.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 76.4                 | 379                       | 59.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 75.4                 | 377                       | 57.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 74.3                 | 376                       | 56.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 73.3                 | 374                       | 55.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 72.2                 | 373                       | 54.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  |                      |                           |                           | 73.0                 | 373                       | 53.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 71.1                 | 371                       | 53.4                      | 72.9                 | 373                       | 53.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 70.0                 | 369                       | 52.5                      | 71.8                 | 371                       | 53.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 68.9                 | 367                       | 51.8                      | 70.8                 | 370                       | 53.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 67.8                 | 365                       | 50.9                      | 69.7                 | 368                       | 52.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 66.7                 | 363                       | 50.0                      | 68.6                 | 366                       | 51.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 65.6                 | 361                       | 49.1                      | 67.5                 | 364                       | 50.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 64.5                 | 358                       | 48.3                      | 66.4                 | 362                       | 49.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 63.3                 | 356                       | 47.6                      | 65.3                 | 359                       | 48.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 62.2                 | 353                       | 47.0                      | 64.2                 | 357                       | 47.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 61.0                 | 351                       | 46.5                      | 63.0                 | 354                       | 47.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 154  |                      |                           |                           |                      |                           |                           | 65.0                 | 356                       | 45.6                      |                      |                           |                           |                      |                           |                           |
| 155  | 59.9                 | 348                       | 45.3                      | 61.9                 | 352                       | 46.4                      | 64.9                 | 356                       | 46.5                      |                      |                           |                           |                      |                           |                           |
| 160  | 58.7                 | 345                       | 43.9                      | 60.7                 | 349                       | 45.9                      | 63.8                 | 353                       | 46.5                      |                      |                           |                           |                      |                           |                           |
| 165  | 57.5                 | 342                       | 42.5                      | 59.5                 | 346                       | 44.6                      | 62.6                 | 350                       | 46.1                      |                      |                           |                           |                      |                           |                           |
| 170  | 56.3                 | 338                       | 41.3                      | 58.3                 | 343                       | 43.3                      | 61.5                 | 348                       | 45.4                      |                      |                           |                           |                      |                           |                           |
| 175  | 55.1                 | 335                       | 40.1                      | 57.1                 | 340                       | 42.1                      | 60.3                 | 345                       | 44.8                      |                      |                           |                           |                      |                           |                           |
| 180  | 53.8                 | 331                       | 39.0                      | 55.8                 | 336                       | 41.0                      | 59.1                 | 342                       | 44.4                      |                      |                           |                           |                      |                           |                           |
| 185  | 52.5                 | 328                       | 37.9                      | 54.6                 | 333                       | 40.0                      | 57.9                 | 339                       | 43.5                      |                      |                           |                           |                      |                           |                           |
| 190  | 51.2                 | 324                       | 37.0                      | 53.3                 | 329                       | 39.1                      | 56.6                 | 335                       | 41.9                      |                      |                           |                           |                      |                           |                           |
| 195  | 49.9                 | 319                       | 36.2                      | 52.0                 | 325                       | 38.3                      | 55.4                 | 332                       | 40.4                      |                      |                           |                           |                      |                           |                           |
| 200  | 48.6                 | 315                       | 34.9                      | 50.7                 | 321                       | 37.6                      | 54.1                 | 328                       | 39.0                      |                      |                           |                           |                      |                           |                           |
| 205  | 47.2                 | 310                       | 33.4                      | 49.4                 | 317                       | 36.3                      | 52.9                 | 325                       | 37.6                      |                      |                           |                           |                      |                           |                           |
| 210  | 45.8                 | 306                       | 31.9                      | 48.0                 | 312                       | 34.9                      | 51.6                 | 321                       | 36.3                      |                      |                           |                           |                      |                           |                           |
| 212  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 325                       | 32.3                      |                      |                           |                           |
| 215  | 44.3                 | 301                       | 30.5                      | 46.6                 | 308                       | 33.5                      | 50.2                 | 316                       | 35.1                      | 54.7                 | 324                       | 31.8                      |                      |                           |                           |
| 220  | 42.9                 | 295                       | 29.1                      | 45.2                 | 303                       | 32.1                      | 48.9                 | 312                       | 33.9                      | 53.4                 | 320                       | 30.7                      |                      |                           |                           |
| 225  | 41.3                 | 290                       | 27.8                      | 43.7                 | 297                       | 30.8                      | 47.5                 | 308                       | 32.8                      | 52.2                 | 316                       | 29.6                      |                      |                           |                           |
| 230  | 39.8                 | 284                       | 26.6                      | 42.2                 | 292                       | 29.6                      | 46.1                 | 303                       | 31.7                      | 50.9                 | 312                       | 28.6                      |                      |                           |                           |
| 235  | 38.1                 | 278                       | 25.4                      | 40.6                 | 286                       | 28.4                      | 44.7                 | 298                       | 30.7                      | 49.5                 | 308                       | 27.6                      |                      |                           |                           |
| 240  | 36.4                 | 271                       | 24.3                      | 39.0                 | 280                       | 27.3                      | 43.7                 | 294                       | 29.8                      | 48.2                 | 304                       | 26.6                      |                      |                           |                           |
| 245  | 35.1                 | 265                       | 23.7                      | 37.4                 | 274                       | 26.3                      | 42.2                 | 289                       | 28.9                      | 46.8                 | 299                       | 25.7                      |                      |                           |                           |
| 250  | 33.2                 | 258                       | 23.0                      | 36.3                 | 269                       | 25.7                      | 40.6                 | 283                       | 28.0                      | 45.4                 | 294                       | 24.8                      |                      |                           |                           |
| 255  | 31.3                 | 250                       | 21.6                      | 34.5                 | 262                       | 25.2                      | 39.0                 | 277                       | 27.1                      | 43.9                 | 289                       | 23.9                      |                      |                           |                           |
| 260  | 29.3                 | 241                       | 20.2                      | 32.7                 | 254                       | 23.8                      | 37.4                 | 271                       | 26.2                      | 42.4                 | 284                       | 23.1                      |                      |                           |                           |
| 265  | 27.1                 | 232                       | 18.8                      | 30.7                 | 246                       | 22.4                      | 35.7                 | 264                       | 25.4                      | 40.9                 | 278                       | 22.3                      |                      |                           |                           |
| 270  | 24.7                 | 221                       | 17.4                      | 28.6                 | 237                       | 21.0                      | 33.9                 | 257                       | 24.5                      | 39.3                 | 272                       | 21.6                      |                      |                           |                           |
| 275  | 22.2                 | 210                       | 16.0                      | 26.4                 | 228                       | 19.6                      | 32.0                 | 249                       | 23.7                      | 37.7                 | 265                       | 20.8                      |                      |                           |                           |
| 280  | 19.2                 | 196                       | 14.5                      | 24.0                 | 217                       | 18.2                      | 30.0                 | 240                       | 23.0                      | 35.9                 | 259                       | 20.1                      |                      |                           |                           |
| 285  | 15.8                 | 180                       | 13.0                      | 21.3                 | 205                       | 16.8                      | 27.9                 | 231                       | 22.0                      | 34.2                 | 251                       | 19.4                      |                      |                           |                           |
| 290  |                      |                           |                           | 18.2                 | 190                       | 15.4                      | 25.6                 | 221                       | 20.7                      | 32.3                 | 244                       | 18.8                      |                      |                           |                           |
| 295  |                      |                           |                           |                      |                           |                           | 23.1                 | 210                       | 19.4                      | 30.3                 | 235                       | 18.1                      |                      |                           |                           |
| 300  |                      |                           |                           |                      |                           |                           | 20.3                 | 197                       | 18.0                      | 28.2                 | 226                       | 17.5                      |                      |                           |                           |
| 305  |                      |                           |                           |                      |                           |                           | 17.1                 | 182                       | 16.7                      | 26.0                 | 216                       | 16.9                      |                      |                           |                           |
| 308  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 235                       | 11.9                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.5                 | 205                       | 16.3                      | 34.9                 | 234                       | 11.8                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 193                       | 15.7                      | 33.1                 | 227                       | 11.3                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.6                 | 178                       | 15.1                      | 31.2                 | 219                       | 10.8                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.1                 | 210                       | 10.4                      |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.9                 | 200                       | 9.9                       |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.6                 | 190                       | 9.5                       |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.0                 | 178                       | 9.0                       |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 164                       | 8.6                       |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>292 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 78.0                 | 390                       | 53.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 77.9                 | 390                       | 53.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 76.9                 | 389                       | 53.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 75.9                 | 388                       | 52.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 74.9                 | 386                       | 51.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 73.8                 | 385                       | 50.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 72.8                 | 383                       | 49.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 71.8                 | 382                       | 48.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 108  |                      |                           |                           | 73.0                 | 382                       | 48.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 70.7                 | 380                       | 47.7                      | 72.5                 | 382                       | 48.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 69.7                 | 378                       | 47.0                      | 71.5                 | 380                       | 48.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 68.6                 | 376                       | 46.4                      | 70.4                 | 378                       | 47.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 67.6                 | 374                       | 45.5                      | 69.4                 | 376                       | 46.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 66.5                 | 372                       | 44.7                      | 68.3                 | 374                       | 45.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 65.4                 | 370                       | 44.0                      | 67.2                 | 372                       | 45.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 64.3                 | 367                       | 43.3                      | 66.1                 | 370                       | 44.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 63.2                 | 364                       | 42.7                      | 65.1                 | 368                       | 43.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 62.1                 | 362                       | 42.1                      | 64.0                 | 365                       | 43.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 61.0                 | 359                       | 41.7                      | 62.9                 | 363                       | 42.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 158  |                      |                           |                           |                      |                           |                           | 65.0                 | 365                       | 41.6                      |                      |                           |                           |                      |                           |                           |
| 160  | 59.8                 | 356                       | 40.7                      | 61.7                 | 360                       | 42.0                      | 64.7                 | 364                       | 41.6                      |                      |                           |                           |                      |                           |                           |
| 165  | 58.7                 | 353                       | 39.7                      | 60.6                 | 357                       | 41.5                      | 63.6                 | 362                       | 41.6                      |                      |                           |                           |                      |                           |                           |
| 170  | 57.5                 | 350                       | 38.7                      | 59.5                 | 354                       | 40.5                      | 62.5                 | 359                       | 41.3                      |                      |                           |                           |                      |                           |                           |
| 175  | 56.3                 | 347                       | 37.7                      | 58.3                 | 351                       | 39.5                      | 61.3                 | 356                       | 40.8                      |                      |                           |                           |                      |                           |                           |
| 180  | 55.1                 | 343                       | 36.8                      | 57.1                 | 348                       | 38.7                      | 60.2                 | 353                       | 40.2                      |                      |                           |                           |                      |                           |                           |
| 185  | 53.9                 | 340                       | 36.0                      | 56.0                 | 345                       | 37.8                      | 59.1                 | 350                       | 39.7                      |                      |                           |                           |                      |                           |                           |
| 190  | 52.7                 | 336                       | 35.3                      | 54.7                 | 341                       | 37.1                      | 57.9                 | 347                       | 39.3                      |                      |                           |                           |                      |                           |                           |
| 195  | 51.4                 | 332                       | 34.6                      | 53.5                 | 338                       | 36.4                      | 56.7                 | 344                       | 38.4                      |                      |                           |                           |                      |                           |                           |
| 200  | 50.1                 | 328                       | 33.9                      | 52.3                 | 334                       | 35.8                      | 55.5                 | 340                       | 37.5                      |                      |                           |                           |                      |                           |                           |
| 205  | 48.8                 | 323                       | 33.0                      | 51.0                 | 330                       | 35.2                      | 54.3                 | 337                       | 36.6                      |                      |                           |                           |                      |                           |                           |
| 210  | 47.5                 | 319                       | 31.5                      | 49.7                 | 325                       | 34.3                      | 53.1                 | 333                       | 35.7                      |                      |                           |                           |                      |                           |                           |
| 215  | 46.1                 | 314                       | 30.1                      | 48.4                 | 321                       | 32.9                      | 51.8                 | 329                       | 34.6                      |                      |                           |                           |                      |                           |                           |
| 218  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 333                       | 30.3                      |                      |                           |                           |
| 220  | 44.7                 | 309                       | 28.8                      | 47.1                 | 316                       | 31.6                      | 50.6                 | 325                       | 33.4                      | 54.9                 | 332                       | 30.0                      |                      |                           |                           |
| 225  | 43.3                 | 304                       | 27.4                      | 45.7                 | 312                       | 30.3                      | 49.3                 | 321                       | 32.3                      | 53.7                 | 329                       | 28.9                      |                      |                           |                           |
| 230  | 41.8                 | 298                       | 26.2                      | 44.3                 | 306                       | 29.1                      | 48.0                 | 316                       | 31.3                      | 52.4                 | 325                       | 27.8                      |                      |                           |                           |
| 235  | 40.3                 | 292                       | 25.0                      | 42.9                 | 301                       | 27.9                      | 46.6                 | 312                       | 30.2                      | 51.2                 | 321                       | 26.8                      |                      |                           |                           |
| 240  | 38.8                 | 286                       | 23.8                      | 41.4                 | 296                       | 26.8                      | 45.2                 | 307                       | 29.2                      | 49.9                 | 317                       | 25.9                      |                      |                           |                           |
| 245  | 37.2                 | 280                       | 22.8                      | 39.9                 | 290                       | 25.7                      | 43.8                 | 302                       | 28.2                      | 48.6                 | 312                       | 25.0                      |                      |                           |                           |
| 250  | 35.5                 | 273                       | 21.8                      | 38.3                 | 283                       | 24.7                      | 42.4                 | 296                       | 27.2                      | 47.3                 | 308                       | 24.1                      |                      |                           |                           |
| 255  | 34.4                 | 268                       | 21.3                      | 37.2                 | 279                       | 23.7                      | 40.9                 | 290                       | 26.3                      | 45.9                 | 303                       | 23.2                      |                      |                           |                           |
| 260  | 32.6                 | 260                       | 20.4                      | 35.6                 | 272                       | 23.4                      | 39.9                 | 287                       | 25.6                      | 44.5                 | 298                       | 22.4                      |                      |                           |                           |
| 265  | 30.7                 | 252                       | 19.1                      | 33.8                 | 265                       | 22.5                      | 38.3                 | 280                       | 24.7                      | 43.1                 | 293                       | 21.6                      |                      |                           |                           |
| 270  | 28.7                 | 243                       | 17.8                      | 32.0                 | 257                       | 21.3                      | 36.7                 | 274                       | 23.9                      | 41.6                 | 287                       | 20.9                      |                      |                           |                           |
| 275  | 26.6                 | 234                       | 16.5                      | 30.1                 | 249                       | 20.0                      | 35.0                 | 267                       | 23.1                      | 40.1                 | 281                       | 20.1                      |                      |                           |                           |
| 280  | 24.2                 | 223                       | 15.2                      | 28.1                 | 240                       | 18.7                      | 33.2                 | 259                       | 22.3                      | 38.5                 | 275                       | 19.4                      |                      |                           |                           |
| 285  | 21.7                 | 211                       | 13.9                      | 25.9                 | 230                       | 17.4                      | 31.4                 | 251                       | 21.6                      | 36.9                 | 268                       | 18.7                      |                      |                           |                           |
| 290  | 18.8                 | 197                       | 12.6                      | 23.5                 | 218                       | 16.1                      | 29.4                 | 243                       | 20.7                      | 35.3                 | 262                       | 18.1                      |                      |                           |                           |
| 295  | 15.4                 | 180                       | 11.3                      | 20.8                 | 206                       | 14.8                      | 27.3                 | 233                       | 19.5                      | 33.5                 | 254                       | 17.4                      |                      |                           |                           |
| 300  |                      |                           |                           | 17.8                 | 191                       | 13.4                      | 25.1                 | 223                       | 18.3                      | 31.7                 | 246                       | 16.8                      |                      |                           |                           |
| 305  |                      |                           |                           |                      |                           |                           | 22.6                 | 211                       | 17.1                      | 29.7                 | 238                       | 16.2                      |                      |                           |                           |
| 310  |                      |                           |                           |                      |                           |                           | 19.8                 | 198                       | 15.9                      | 27.6                 | 228                       | 15.6                      |                      |                           |                           |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.4                 | 218                       | 15.1                      |                      |                           |                           |
| 316  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 240                       | 10.3                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.0                 | 207                       | 14.5                      | 34.3                 | 237                       | 10.1                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.3                 | 194                       | 14.0                      | 32.5                 | 229                       | 9.6                       |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.2                 | 179                       | 13.4                      | 30.6                 | 221                       | 9.2                       |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 212                       | 8.7                       |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.4                 | 202                       | 8.3                       |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 192                       | 7.9                       |
| 350  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.5                 | 180                       | 7.5                       |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.6                 | 166                       | 7.1                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>302 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 77   | 78.0                 | 400                       | 48.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 77.3                 | 399                       | 48.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 76.4                 | 398                       | 48.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 75.4                 | 396                       | 47.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 74.4                 | 395                       | 46.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 73.4                 | 393                       | 45.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 72.4                 | 392                       | 44.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 71.4                 | 390                       | 43.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  |                      |                           |                           | 73.0                 | 392                       | 44.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 70.4                 | 388                       | 43.1                      | 72.1                 | 390                       | 44.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 69.4                 | 386                       | 42.5                      | 71.1                 | 389                       | 44.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 68.3                 | 385                       | 41.9                      | 70.1                 | 387                       | 43.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 67.3                 | 382                       | 41.1                      | 69.0                 | 385                       | 42.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 66.3                 | 380                       | 40.4                      | 68.0                 | 383                       | 41.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 65.2                 | 378                       | 39.8                      | 67.0                 | 381                       | 41.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 64.1                 | 376                       | 39.2                      | 65.9                 | 379                       | 40.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 63.1                 | 373                       | 38.7                      | 64.9                 | 376                       | 40.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 62.0                 | 370                       | 38.2                      | 63.8                 | 374                       | 39.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 60.9                 | 368                       | 37.8                      | 62.7                 | 371                       | 38.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 163  |                      |                           |                           |                      |                           |                           | 65.0                 | 374                       | 38.3                      |                      |                           |                           |                      |                           |                           |
| 165  | 59.8                 | 365                       | 37.0                      | 61.7                 | 369                       | 38.4                      | 64.5                 | 372                       | 38.3                      |                      |                           |                           |                      |                           |                           |
| 170  | 58.7                 | 362                       | 36.3                      | 60.6                 | 366                       | 38.0                      | 63.4                 | 370                       | 38.3                      |                      |                           |                           |                      |                           |                           |
| 175  | 57.6                 | 358                       | 35.6                      | 59.5                 | 363                       | 37.2                      | 62.4                 | 367                       | 37.8                      |                      |                           |                           |                      |                           |                           |
| 180  | 56.4                 | 355                       | 34.9                      | 58.3                 | 360                       | 36.5                      | 61.3                 | 365                       | 37.3                      |                      |                           |                           |                      |                           |                           |
| 185  | 55.3                 | 352                       | 34.3                      | 57.2                 | 357                       | 35.9                      | 60.2                 | 362                       | 36.8                      |                      |                           |                           |                      |                           |                           |
| 190  | 54.1                 | 348                       | 33.7                      | 56.1                 | 353                       | 35.2                      | 59.1                 | 359                       | 36.4                      |                      |                           |                           |                      |                           |                           |
| 195  | 52.9                 | 344                       | 33.1                      | 54.9                 | 350                       | 34.7                      | 58.0                 | 356                       | 36.0                      |                      |                           |                           |                      |                           |                           |
| 200  | 51.7                 | 340                       | 32.6                      | 53.7                 | 346                       | 34.1                      | 56.8                 | 352                       | 35.4                      |                      |                           |                           |                      |                           |                           |
| 205  | 50.5                 | 336                       | 32.1                      | 52.5                 | 342                       | 33.7                      | 55.7                 | 349                       | 34.6                      |                      |                           |                           |                      |                           |                           |
| 210  | 49.2                 | 332                       | 31.6                      | 51.3                 | 338                       | 33.2                      | 54.5                 | 346                       | 34.0                      |                      |                           |                           |                      |                           |                           |
| 215  | 47.9                 | 328                       | 30.2                      | 50.1                 | 334                       | 32.7                      | 53.3                 | 342                       | 33.3                      |                      |                           |                           |                      |                           |                           |
| 220  | 46.6                 | 323                       | 28.9                      | 48.8                 | 330                       | 31.4                      | 52.1                 | 338                       | 32.8                      |                      |                           |                           |                      |                           |                           |
| 224  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 341                       | 28.6                      |                      |                           |                           |
| 225  | 45.3                 | 318                       | 27.5                      | 47.5                 | 325                       | 30.1                      | 50.9                 | 334                       | 32.0                      | 54.7                 | 340                       | 28.3                      |                      |                           |                           |
| 230  | 43.9                 | 313                       | 26.3                      | 46.2                 | 320                       | 28.9                      | 49.6                 | 330                       | 30.8                      | 53.9                 | 337                       | 27.4                      |                      |                           |                           |
| 235  | 42.5                 | 307                       | 25.1                      | 44.9                 | 315                       | 27.7                      | 48.4                 | 325                       | 29.8                      | 52.7                 | 333                       | 26.4                      |                      |                           |                           |
| 240  | 41.1                 | 302                       | 23.9                      | 43.5                 | 310                       | 26.6                      | 47.1                 | 321                       | 28.7                      | 51.5                 | 330                       | 25.4                      |                      |                           |                           |
| 245  | 39.6                 | 296                       | 22.8                      | 42.1                 | 305                       | 25.5                      | 45.7                 | 316                       | 27.7                      | 50.2                 | 325                       | 24.5                      |                      |                           |                           |
| 250  | 38.1                 | 289                       | 21.7                      | 40.6                 | 299                       | 24.4                      | 44.4                 | 311                       | 26.8                      | 49.0                 | 321                       | 23.6                      |                      |                           |                           |
| 255  | 36.5                 | 283                       | 20.7                      | 39.1                 | 293                       | 23.4                      | 43.0                 | 305                       | 25.9                      | 47.7                 | 316                       | 22.8                      |                      |                           |                           |
| 260  | 34.8                 | 276                       | 19.8                      | 37.6                 | 286                       | 22.5                      | 41.6                 | 300                       | 25.0                      | 46.4                 | 312                       | 22.0                      |                      |                           |                           |
| 265  | 33.7                 | 271                       | 19.4                      | 36.6                 | 282                       | 21.8                      | 40.1                 | 294                       | 24.2                      | 45.1                 | 307                       | 21.2                      |                      |                           |                           |
| 270  | 32.0                 | 263                       | 18.2                      | 34.9                 | 275                       | 21.4                      | 39.1                 | 290                       | 23.3                      | 43.7                 | 302                       | 20.4                      |                      |                           |                           |
| 275  | 30.1                 | 255                       | 17.0                      | 33.2                 | 268                       | 20.4                      | 37.6                 | 284                       | 22.7                      | 42.3                 | 296                       | 19.7                      |                      |                           |                           |
| 280  | 28.1                 | 246                       | 15.8                      | 31.4                 | 260                       | 19.2                      | 36.0                 | 277                       | 21.9                      | 40.9                 | 291                       | 19.0                      |                      |                           |                           |
| 285  | 26.0                 | 236                       | 14.7                      | 29.5                 | 251                       | 18.0                      | 34.3                 | 270                       | 21.2                      | 39.4                 | 285                       | 18.3                      |                      |                           |                           |
| 290  | 23.8                 | 225                       | 13.5                      | 27.5                 | 242                       | 16.8                      | 32.6                 | 262                       | 20.5                      | 37.8                 | 278                       | 17.7                      |                      |                           |                           |
| 295  | 21.2                 | 212                       | 12.3                      | 25.4                 | 231                       | 15.6                      | 30.8                 | 254                       | 19.8                      | 36.2                 | 272                       | 17.0                      |                      |                           |                           |
| 300  | 18.4                 | 198                       | 11.0                      | 23.0                 | 220                       | 14.4                      | 28.8                 | 245                       | 18.7                      | 34.6                 | 264                       | 16.4                      |                      |                           |                           |
| 305  |                      |                           |                           | 20.4                 | 207                       | 13.1                      | 26.8                 | 235                       | 17.6                      | 32.9                 | 257                       | 15.8                      |                      |                           |                           |
| 310  |                      |                           |                           | 17.4                 | 192                       | 11.9                      | 24.6                 | 225                       | 16.5                      | 31.1                 | 249                       | 15.2                      |                      |                           |                           |
| 315  |                      |                           |                           |                      |                           |                           | 22.1                 | 213                       | 15.4                      | 29.2                 | 240                       | 14.7                      |                      |                           |                           |
| 320  |                      |                           |                           |                      |                           |                           | 19.4                 | 199                       | 14.2                      | 27.1                 | 230                       | 14.1                      |                      |                           |                           |
| 324  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 246                       | 9.2                       |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.9                 | 220                       | 13.6                      | 34.7                 | 245                       | 9.1                       |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 208                       | 13.0                      | 33.6                 | 240                       | 8.7                       |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.9                 | 195                       | 12.5                      | 31.8                 | 232                       | 8.3                       |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.8                 | 180                       | 12.0                      | 30.0                 | 224                       | 7.9                       |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.0                 | 214                       | 7.5                       |
| 350  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.9                 | 204                       | 7.1                       |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.6                 | 193                       | 6.7                       |
| 360  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.0                 | 181                       | 6.3                       |
| 365  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.2                 | 167                       | 5.9                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>312 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 79   | 78.0                 | 409                       | 44.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 77.8                 | 409                       | 44.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 76.8                 | 408                       | 44.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 75.9                 | 406                       | 43.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 74.9                 | 405                       | 42.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 73.9                 | 404                       | 41.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 73.0                 | 402                       | 40.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 72.0                 | 401                       | 39.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 113  |                      |                           |                           | 73.0                 | 401                       | 39.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 71.0                 | 399                       | 39.1                      | 72.7                 | 401                       | 39.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 70.0                 | 397                       | 38.5                      | 71.7                 | 399                       | 39.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 69.1                 | 395                       | 37.9                      | 70.7                 | 397                       | 39.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 68.1                 | 393                       | 37.3                      | 69.7                 | 396                       | 38.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 67.1                 | 391                       | 36.6                      | 68.7                 | 394                       | 37.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 66.0                 | 389                       | 35.9                      | 67.7                 | 392                       | 37.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 65.0                 | 386                       | 35.3                      | 66.7                 | 389                       | 36.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 64.0                 | 384                       | 34.8                      | 65.7                 | 387                       | 35.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 63.0                 | 382                       | 34.3                      | 64.7                 | 385                       | 35.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 61.9                 | 379                       | 33.9                      | 63.7                 | 382                       | 34.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 60.9                 | 376                       | 33.5                      | 62.6                 | 380                       | 34.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 167  |                      |                           |                           |                      |                           |                           | 65.0                 | 382                       | 33.8                      |                      |                           |                           |                      |                           |                           |
| 170  | 59.8                 | 373                       | 32.9                      | 61.6                 | 377                       | 33.7                      | 64.4                 | 381                       | 33.8                      |                      |                           |                           |                      |                           |                           |
| 175  | 58.7                 | 370                       | 32.3                      | 60.5                 | 374                       | 33.3                      | 63.3                 | 378                       | 33.8                      |                      |                           |                           |                      |                           |                           |
| 180  | 57.6                 | 367                       | 31.7                      | 59.5                 | 371                       | 32.7                      | 62.3                 | 376                       | 33.3                      |                      |                           |                           |                      |                           |                           |
| 185  | 56.5                 | 364                       | 31.2                      | 58.4                 | 368                       | 32.1                      | 61.2                 | 373                       | 32.8                      |                      |                           |                           |                      |                           |                           |
| 190  | 55.4                 | 360                       | 30.7                      | 57.3                 | 365                       | 31.6                      | 60.2                 | 370                       | 32.3                      |                      |                           |                           |                      |                           |                           |
| 195  | 54.3                 | 357                       | 30.2                      | 56.2                 | 362                       | 31.1                      | 59.1                 | 367                       | 31.9                      |                      |                           |                           |                      |                           |                           |
| 200  | 53.1                 | 353                       | 29.8                      | 55.1                 | 358                       | 30.7                      | 58.0                 | 364                       | 31.6                      |                      |                           |                           |                      |                           |                           |
| 205  | 52.0                 | 349                       | 29.4                      | 53.9                 | 355                       | 30.3                      | 56.9                 | 361                       | 31.1                      |                      |                           |                           |                      |                           |                           |
| 210  | 50.8                 | 345                       | 29.0                      | 52.8                 | 351                       | 29.9                      | 55.8                 | 358                       | 30.5                      |                      |                           |                           |                      |                           |                           |
| 215  | 49.6                 | 341                       | 28.7                      | 51.6                 | 347                       | 29.5                      | 54.7                 | 354                       | 30.1                      |                      |                           |                           |                      |                           |                           |
| 220  | 48.3                 | 336                       | 27.6                      | 50.4                 | 343                       | 29.2                      | 53.5                 | 350                       | 29.6                      |                      |                           |                           |                      |                           |                           |
| 225  | 47.1                 | 332                       | 26.4                      | 49.2                 | 338                       | 28.2                      | 52.4                 | 346                       | 29.2                      |                      |                           |                           |                      |                           |                           |
| 229  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 349                       | 26.7                      |                      |                           |                           |
| 230  | 45.8                 | 327                       | 25.3                      | 47.9                 | 334                       | 27.1                      | 51.2                 | 342                       | 28.8                      | 54.8                 | 348                       | 26.5                      |                      |                           |                           |
| 235  | 44.5                 | 322                       | 24.1                      | 46.7                 | 329                       | 26.1                      | 50.0                 | 338                       | 28.5                      | 54.0                 | 346                       | 25.7                      |                      |                           |                           |
| 240  | 43.1                 | 316                       | 23.1                      | 45.4                 | 324                       | 25.1                      | 48.7                 | 334                       | 28.0                      | 52.9                 | 342                       | 24.7                      |                      |                           |                           |
| 245  | 41.8                 | 311                       | 22.0                      | 44.1                 | 319                       | 24.2                      | 47.5                 | 329                       | 27.0                      | 51.7                 | 338                       | 23.8                      |                      |                           |                           |
| 250  | 40.3                 | 305                       | 21.1                      | 42.7                 | 314                       | 23.2                      | 46.2                 | 325                       | 26.0                      | 50.5                 | 334                       | 22.9                      |                      |                           |                           |
| 255  | 38.9                 | 299                       | 20.1                      | 41.3                 | 308                       | 22.4                      | 44.9                 | 320                       | 25.1                      | 49.3                 | 330                       | 22.1                      |                      |                           |                           |
| 260  | 37.4                 | 292                       | 19.2                      | 39.9                 | 302                       | 21.5                      | 43.6                 | 314                       | 24.2                      | 48.1                 | 325                       | 21.3                      |                      |                           |                           |
| 265  | 35.8                 | 286                       | 18.4                      | 38.4                 | 296                       | 20.7                      | 42.2                 | 309                       | 23.3                      | 46.8                 | 321                       | 20.5                      |                      |                           |                           |
| 270  | 34.8                 | 281                       | 17.7                      | 36.9                 | 290                       | 20.0                      | 40.8                 | 303                       | 22.5                      | 45.6                 | 316                       | 19.7                      |                      |                           |                           |
| 275  | 33.1                 | 274                       | 17.2                      | 35.9                 | 285                       | 19.5                      | 39.4                 | 297                       | 21.8                      | 44.3                 | 311                       | 19.0                      |                      |                           |                           |
| 280  | 31.4                 | 266                       | 16.0                      | 34.3                 | 278                       | 19.0                      | 37.9                 | 291                       | 21.0                      | 42.9                 | 305                       | 18.3                      |                      |                           |                           |
| 285  | 29.6                 | 257                       | 14.9                      | 32.6                 | 270                       | 17.9                      | 36.9                 | 287                       | 20.5                      | 41.5                 | 300                       | 17.6                      |                      |                           |                           |
| 290  | 27.6                 | 248                       | 13.8                      | 30.8                 | 262                       | 16.8                      | 35.3                 | 280                       | 19.8                      | 40.1                 | 294                       | 17.0                      |                      |                           |                           |
| 295  | 25.5                 | 238                       | 12.7                      | 29.0                 | 253                       | 15.7                      | 33.7                 | 272                       | 19.1                      | 38.7                 | 288                       | 16.3                      |                      |                           |                           |
| 300  | 23.3                 | 226                       | 11.5                      | 27.0                 | 244                       | 14.6                      | 32.0                 | 264                       | 18.5                      | 37.2                 | 281                       | 15.7                      |                      |                           |                           |
| 305  | 20.8                 | 214                       | 10.4                      | 24.9                 | 233                       | 13.5                      | 30.2                 | 256                       | 17.5                      | 35.6                 | 274                       | 15.1                      |                      |                           |                           |
| 310  | 18.0                 | 199                       | 9.3                       | 22.6                 | 222                       | 12.3                      | 28.3                 | 247                       | 16.5                      | 34.0                 | 267                       | 14.5                      |                      |                           |                           |
| 315  |                      |                           |                           | 20.0                 | 209                       | 11.2                      | 26.3                 | 237                       | 15.4                      | 32.3                 | 259                       | 14.0                      |                      |                           |                           |
| 320  |                      |                           |                           | 17.0                 | 193                       | 10.0                      | 24.1                 | 226                       | 14.4                      | 30.5                 | 251                       | 13.4                      |                      |                           |                           |
| 325  |                      |                           |                           |                      |                           |                           | 21.7                 | 214                       | 13.4                      | 28.6                 | 242                       | 12.9                      |                      |                           |                           |
| 330  |                      |                           |                           |                      |                           |                           | 19.0                 | 201                       | 12.3                      | 26.6                 | 232                       | 12.4                      |                      |                           |                           |
| 332  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 252                       | 7.7                       |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.4                 | 222                       | 11.9                      | 34.7                 | 250                       | 7.6                       |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.1                 | 210                       | 11.4                      | 33.0                 | 242                       | 7.2                       |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 197                       | 10.9                      | 31.3                 | 234                       | 6.7                       |
| 350  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 181                       | 10.4                      | 29.4                 | 226                       | 6.4                       |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.5                 | 216                       | 6.0                       |
| 360  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.4                 | 206                       | 5.6                       |
| 365  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.1                 | 195                       | 5.2                       |
| 370  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.6                 | 182                       | 4.8                       |
| 375  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.8                 | 168                       | 4.5                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>322 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 81   | 78.0                 | 419                       | 40.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 77.2                 | 418                       | 40.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 76.3                 | 417                       | 40.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 75.4                 | 415                       | 39.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 74.4                 | 414                       | 38.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 73.5                 | 412                       | 37.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 72.6                 | 411                       | 36.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 71.6                 | 409                       | 36.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 116  |                      |                           |                           | 73.0                 | 411                       | 35.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 70.7                 | 408                       | 35.3                      | 72.3                 | 410                       | 35.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 69.7                 | 406                       | 34.7                      | 71.3                 | 408                       | 35.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 68.8                 | 404                       | 34.2                      | 70.4                 | 406                       | 34.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 67.8                 | 402                       | 33.5                      | 69.4                 | 404                       | 34.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 66.8                 | 400                       | 32.9                      | 68.5                 | 402                       | 33.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 65.8                 | 397                       | 32.3                      | 67.5                 | 400                       | 32.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 64.9                 | 395                       | 31.7                      | 66.5                 | 398                       | 32.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 63.9                 | 393                       | 31.2                      | 65.5                 | 396                       | 31.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 62.9                 | 390                       | 30.8                      | 64.6                 | 393                       | 31.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 61.8                 | 387                       | 30.4                      | 63.6                 | 391                       | 30.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170  | 60.8                 | 385                       | 30.0                      | 62.5                 | 388                       | 30.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 171  |                      |                           |                           |                      |                           |                           | 65.0                 | 391                       | 30.1                      |                      |                           |                           |                      |                           |                           |
| 175  | 59.8                 | 382                       | 29.5                      | 61.5                 | 386                       | 29.8                      | 64.2                 | 390                       | 30.1                      |                      |                           |                           |                      |                           |                           |
| 180  | 58.7                 | 379                       | 29.1                      | 60.5                 | 383                       | 29.4                      | 63.2                 | 387                       | 30.0                      |                      |                           |                           |                      |                           |                           |
| 185  | 57.7                 | 376                       | 28.6                      | 59.5                 | 380                       | 29.0                      | 62.2                 | 384                       | 29.5                      |                      |                           |                           |                      |                           |                           |
| 190  | 56.6                 | 372                       | 28.2                      | 58.4                 | 377                       | 28.6                      | 61.2                 | 382                       | 29.1                      |                      |                           |                           |                      |                           |                           |
| 195  | 55.5                 | 369                       | 27.8                      | 57.4                 | 374                       | 28.2                      | 60.1                 | 379                       | 28.6                      |                      |                           |                           |                      |                           |                           |
| 200  | 54.4                 | 365                       | 27.4                      | 56.3                 | 370                       | 27.8                      | 59.1                 | 376                       | 28.3                      |                      |                           |                           |                      |                           |                           |
| 205  | 53.3                 | 362                       | 27.1                      | 55.2                 | 367                       | 27.4                      | 58.1                 | 373                       | 28.0                      |                      |                           |                           |                      |                           |                           |
| 210  | 52.2                 | 358                       | 26.8                      | 54.1                 | 363                       | 27.1                      | 57.0                 | 369                       | 27.6                      |                      |                           |                           |                      |                           |                           |
| 215  | 51.0                 | 354                       | 26.5                      | 53.0                 | 359                       | 26.8                      | 55.9                 | 366                       | 27.2                      |                      |                           |                           |                      |                           |                           |
| 220  | 49.9                 | 349                       | 26.2                      | 51.8                 | 356                       | 26.5                      | 54.8                 | 362                       | 26.8                      |                      |                           |                           |                      |                           |                           |
| 225  | 48.7                 | 345                       | 25.4                      | 50.7                 | 351                       | 26.2                      | 53.7                 | 359                       | 26.5                      |                      |                           |                           |                      |                           |                           |
| 230  | 47.5                 | 340                       | 24.4                      | 49.5                 | 347                       | 25.5                      | 52.6                 | 355                       | 26.2                      |                      |                           |                           |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 357                       | 25.0                      |                      |                           |                           |
| 235  | 46.3                 | 336                       | 23.4                      | 48.3                 | 343                       | 24.6                      | 51.4                 | 351                       | 25.9                      | 55.0                 | 357                       | 25.0                      |                      |                           |                           |
| 240  | 45.0                 | 331                       | 22.4                      | 47.1                 | 338                       | 23.8                      | 50.3                 | 347                       | 25.7                      | 54.2                 | 354                       | 24.1                      |                      |                           |                           |
| 245  | 43.7                 | 326                       | 21.4                      | 45.9                 | 333                       | 23.0                      | 49.1                 | 343                       | 25.5                      | 53.1                 | 350                       | 23.2                      |                      |                           |                           |
| 250  | 42.4                 | 320                       | 20.5                      | 44.6                 | 328                       | 22.2                      | 47.9                 | 338                       | 24.6                      | 52.0                 | 347                       | 22.4                      |                      |                           |                           |
| 255  | 41.0                 | 314                       | 19.6                      | 43.3                 | 323                       | 21.4                      | 46.7                 | 334                       | 23.8                      | 50.8                 | 343                       | 21.5                      |                      |                           |                           |
| 260  | 39.6                 | 308                       | 18.8                      | 42.0                 | 318                       | 20.6                      | 45.4                 | 329                       | 23.0                      | 49.7                 | 338                       | 20.7                      |                      |                           |                           |
| 265  | 38.2                 | 302                       | 18.0                      | 40.6                 | 312                       | 19.9                      | 44.1                 | 324                       | 22.3                      | 48.5                 | 334                       | 19.9                      |                      |                           |                           |
| 270  | 36.7                 | 296                       | 17.2                      | 39.2                 | 306                       | 19.3                      | 42.8                 | 318                       | 21.5                      | 47.3                 | 330                       | 19.2                      |                      |                           |                           |
| 275  | 35.2                 | 288                       | 16.5                      | 37.7                 | 299                       | 18.6                      | 41.5                 | 312                       | 20.8                      | 46.0                 | 325                       | 18.4                      |                      |                           |                           |
| 280  | 34.2                 | 284                       | 16.2                      | 36.2                 | 292                       | 18.0                      | 40.1                 | 307                       | 20.2                      | 44.8                 | 320                       | 17.7                      |                      |                           |                           |
| 285  | 32.5                 | 276                       | 15.3                      | 35.3                 | 288                       | 17.6                      | 38.7                 | 300                       | 19.6                      | 43.5                 | 314                       | 17.1                      |                      |                           |                           |
| 290  | 30.8                 | 268                       | 14.2                      | 33.7                 | 281                       | 16.9                      | 37.8                 | 296                       | 19.0                      | 42.2                 | 309                       | 16.4                      |                      |                           |                           |
| 295  | 29.0                 | 259                       | 13.2                      | 32.0                 | 273                       | 15.9                      | 36.3                 | 290                       | 18.6                      | 40.8                 | 303                       | 15.8                      |                      |                           |                           |
| 300  | 27.1                 | 250                       | 12.1                      | 30.3                 | 264                       | 14.8                      | 34.7                 | 282                       | 18.0                      | 39.4                 | 297                       | 15.2                      |                      |                           |                           |
| 305  | 25.1                 | 239                       | 11.0                      | 28.5                 | 255                       | 13.8                      | 33.1                 | 275                       | 17.3                      | 38.0                 | 291                       | 14.6                      |                      |                           |                           |
| 310  | 22.8                 | 228                       | 10.0                      | 26.5                 | 246                       | 12.8                      | 31.4                 | 267                       | 16.5                      | 36.5                 | 284                       | 14.0                      |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>322 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 315  | 20.4                 | 215                       | 8.9                       | 24.4                 | 235                       | 11.7                      | 29.7                 | 258                       | 15.6                      | 35.0                 | 277                       | 13.4                      |                      |                           |                           |
| 320  | 17.6                 | 200                       | 7.8                       | 22.1                 | 223                       | 10.7                      | 27.8                 | 249                       | 14.6                      | 33.4                 | 270                       | 12.9                      |                      |                           |                           |
| 325  |                      |                           |                           | 19.6                 | 210                       | 9.6                       | 25.8                 | 239                       | 13.7                      | 31.7                 | 262                       | 12.4                      |                      |                           |                           |
| 330  |                      |                           |                           | 16.7                 | 194                       | 8.5                       | 23.6                 | 228                       | 12.7                      | 30.0                 | 254                       | 11.9                      |                      |                           |                           |
| 335  |                      |                           |                           |                      |                           |                           | 21.3                 | 216                       | 11.7                      | 28.1                 | 244                       | 11.4                      |                      |                           |                           |
| 340  |                      |                           |                           |                      |                           |                           | 18.6                 | 202                       | 10.7                      | 26.1                 | 234                       | 10.9                      |                      |                           |                           |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 257                       | 6.4                       |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.0                 | 224                       | 10.4                      | 34.1                 | 253                       | 6.2                       |
| 350  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.7                 | 212                       | 9.9                       | 32.4                 | 245                       | 5.8                       |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.1                 | 198                       | 9.5                       | 30.7                 | 237                       | 5.4                       |
| 360  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.1                 | 182                       | 9.0                       | 28.9                 | 228                       | 5.0                       |
| 365  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.0                 | 218                       | 4.7                       |
| 370  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.9                 | 208                       | 4.3                       |
| 375  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.7                 | 197                       | 3.9                       |
| 380  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.2                 | 184                       | 3.6                       |
| 385  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.4                 | 169                       | 3.2                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>331 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 83   | 78.0                 | 428                       | 36.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 77.6                 | 428                       | 36.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 76.7                 | 427                       | 36.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 75.8                 | 426                       | 35.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 74.9                 | 424                       | 34.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 74.0                 | 423                       | 34.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 73.1                 | 421                       | 33.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 72.2                 | 420                       | 32.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 119  |                      |                           |                           | 73.0                 | 420                       | 32.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 71.3                 | 418                       | 32.1                      | 72.8                 | 420                       | 32.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 70.4                 | 416                       | 31.5                      | 71.9                 | 418                       | 32.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 69.4                 | 414                       | 31.0                      | 71.0                 | 416                       | 31.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 68.5                 | 412                       | 30.5                      | 70.1                 | 415                       | 31.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 67.6                 | 410                       | 29.9                      | 69.1                 | 413                       | 30.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 66.6                 | 408                       | 29.4                      | 68.2                 | 411                       | 30.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 65.7                 | 406                       | 28.9                      | 67.3                 | 409                       | 29.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 64.7                 | 404                       | 28.4                      | 66.3                 | 406                       | 29.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 63.7                 | 401                       | 27.9                      | 65.4                 | 404                       | 28.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 62.8                 | 398                       | 27.6                      | 64.4                 | 402                       | 28.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170  | 61.8                 | 396                       | 27.2                      | 63.4                 | 399                       | 27.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175  | 60.8                 | 393                       | 26.9                      | 62.5                 | 397                       | 27.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175  |                      |                           |                           |                      |                           |                           | 65.0                 | 400                       | 27.0                      |                      |                           |                           |                      |                           |                           |
| 180  | 59.8                 | 390                       | 26.5                      | 61.5                 | 394                       | 26.8                      | 64.1                 | 398                       | 27.0                      |                      |                           |                           |                      |                           |                           |
| 185  | 58.8                 | 387                       | 26.1                      | 60.5                 | 391                       | 26.5                      | 63.1                 | 396                       | 26.9                      |                      |                           |                           |                      |                           |                           |
| 190  | 57.7                 | 384                       | 25.7                      | 59.5                 | 388                       | 26.1                      | 62.1                 | 393                       | 26.6                      |                      |                           |                           |                      |                           |                           |
| 195  | 56.7                 | 381                       | 25.3                      | 58.4                 | 385                       | 25.7                      | 61.1                 | 390                       | 26.1                      |                      |                           |                           |                      |                           |                           |
| 200  | 55.7                 | 377                       | 24.9                      | 57.4                 | 382                       | 25.3                      | 60.1                 | 387                       | 25.7                      |                      |                           |                           |                      |                           |                           |
| 205  | 54.6                 | 374                       | 24.6                      | 56.4                 | 379                       | 25.0                      | 59.1                 | 384                       | 25.4                      |                      |                           |                           |                      |                           |                           |
| 210  | 53.5                 | 370                       | 24.3                      | 55.3                 | 375                       | 24.6                      | 58.1                 | 381                       | 25.1                      |                      |                           |                           |                      |                           |                           |
| 215  | 52.4                 | 366                       | 24.0                      | 54.3                 | 372                       | 24.3                      | 57.1                 | 378                       | 24.8                      |                      |                           |                           |                      |                           |                           |
| 220  | 51.3                 | 362                       | 23.7                      | 53.2                 | 368                       | 24.1                      | 56.0                 | 375                       | 24.4                      |                      |                           |                           |                      |                           |                           |
| 225  | 50.2                 | 358                       | 23.5                      | 52.1                 | 364                       | 23.8                      | 55.0                 | 371                       | 24.1                      |                      |                           |                           |                      |                           |                           |
| 230  | 49.0                 | 354                       | 23.0                      | 51.0                 | 360                       | 23.6                      | 53.9                 | 367                       | 23.8                      |                      |                           |                           |                      |                           |                           |
| 235  | 47.9                 | 349                       | 22.1                      | 49.8                 | 356                       | 23.1                      | 52.8                 | 364                       | 23.5                      |                      |                           |                           |                      |                           |                           |
| 240  | 46.7                 | 345                       | 21.2                      | 48.7                 | 352                       | 22.3                      | 51.7                 | 360                       | 23.3                      |                      |                           |                           |                      |                           |                           |
| 241  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 365                       | 22.8                      |                      |                           |                           |
| 245  | 45.5                 | 340                       | 20.3                      | 47.5                 | 347                       | 21.6                      | 50.6                 | 356                       | 23.1                      | 54.1                 | 362                       | 22.4                      |                      |                           |                           |
| 250  | 44.2                 | 335                       | 19.5                      | 46.3                 | 342                       | 20.8                      | 49.4                 | 351                       | 22.8                      | 53.3                 | 359                       | 21.6                      |                      |                           |                           |
| 255  | 43.0                 | 329                       | 18.7                      | 45.1                 | 337                       | 20.1                      | 48.3                 | 347                       | 22.3                      | 52.2                 | 355                       | 20.8                      |                      |                           |                           |
| 260  | 41.7                 | 324                       | 17.9                      | 43.8                 | 332                       | 19.4                      | 47.1                 | 342                       | 21.6                      | 51.1                 | 351                       | 20.0                      |                      |                           |                           |
| 265  | 40.3                 | 318                       | 17.1                      | 42.6                 | 327                       | 18.8                      | 45.9                 | 338                       | 20.9                      | 50.0                 | 347                       | 19.2                      |                      |                           |                           |
| 270  | 39.0                 | 312                       | 16.4                      | 41.3                 | 321                       | 18.1                      | 44.7                 | 332                       | 20.2                      | 48.8                 | 343                       | 18.5                      |                      |                           |                           |
| 275  | 37.6                 | 305                       | 15.7                      | 39.9                 | 315                       | 17.5                      | 43.4                 | 327                       | 19.6                      | 47.7                 | 338                       | 17.7                      |                      |                           |                           |
| 280  | 36.1                 | 298                       | 15.1                      | 38.5                 | 309                       | 17.0                      | 42.1                 | 322                       | 19.0                      | 46.5                 | 334                       | 17.0                      |                      |                           |                           |
| 285  | 35.1                 | 294                       | 14.5                      | 37.1                 | 302                       | 16.4                      | 40.8                 | 316                       | 18.4                      | 45.3                 | 329                       | 16.4                      |                      |                           |                           |
| 290  | 33.6                 | 287                       | 14.2                      | 36.2                 | 298                       | 16.1                      | 39.4                 | 310                       | 17.9                      | 44.0                 | 324                       | 15.7                      |                      |                           |                           |
| 295  | 32.0                 | 279                       | 13.2                      | 34.7                 | 291                       | 15.9                      | 38.6                 | 306                       | 17.4                      | 42.8                 | 318                       | 15.1                      |                      |                           |                           |
| 300  | 30.3                 | 270                       | 12.3                      | 33.1                 | 283                       | 14.9                      | 37.1                 | 299                       | 17.1                      | 41.5                 | 313                       | 14.5                      |                      |                           |                           |
| 305  | 28.5                 | 261                       | 11.3                      | 31.5                 | 275                       | 13.9                      | 35.7                 | 292                       | 16.7                      | 40.1                 | 307                       | 13.9                      |                      |                           |                           |
| 310  | 26.6                 | 252                       | 10.3                      | 29.8                 | 267                       | 12.9                      | 34.1                 | 285                       | 16.1                      | 38.8                 | 301                       | 13.3                      |                      |                           |                           |
| 315  | 24.6                 | 241                       | 9.3                       | 28.0                 | 258                       | 12.0                      | 32.6                 | 278                       | 15.4                      | 37.4                 | 294                       | 12.8                      |                      |                           |                           |

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16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| <b>95 ft Main boom</b><br><b>331 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)</b> |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 320  | 22.4                 | 230                       | 8.3                       | 26.0                 | 248                       | 11.0                      | 30.9                 | 269                       | 14.5                      | 35.9                 | 287                       | 12.2                      |                      |                           |                           |
| 325  | 20.0                 | 216                       | 7.2                       | 24.0                 | 237                       | 10.0                      | 29.2                 | 261                       | 13.6                      | 34.4                 | 280                       | 11.7                      |                      |                           |                           |
| 330  | 17.3                 | 201                       | 6.2                       | 21.7                 | 225                       | 9.0                       | 27.3                 | 251                       | 12.7                      | 32.8                 | 272                       | 11.2                      |                      |                           |                           |
| 335  |                      |                           |                           | 19.2                 | 211                       | 8.0                       | 25.3                 | 241                       | 11.8                      | 31.2                 | 264                       | 10.7                      |                      |                           |                           |
| 340  |                      |                           |                           | 16.3                 | 195                       | 6.9                       | 23.2                 | 230                       | 10.9                      | 29.4                 | 256                       | 10.2                      |                      |                           |                           |
| 345  |                      |                           |                           |                      |                           |                           | 20.9                 | 217                       | 10.0                      | 27.6                 | 246                       | 9.7                       |                      |                           |                           |
| 348  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 263                       | 5.1                       |
| 350  |                      |                           |                           |                      |                           |                           | 18.2                 | 203                       | 9.1                       | 25.7                 | 236                       | 9.3                       | 34.5                 | 260                       | 4.9                       |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.6                 | 225                       | 8.8                       | 33.5                 | 256                       | 4.7                       |
| 360  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.3                 | 213                       | 8.4                       | 31.9                 | 248                       | 4.3                       |
| 365  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.7                 | 199                       | 8.0                       | 30.2                 | 239                       | 3.9                       |
| 370  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 15.7                 | 182                       | 7.5                       | 28.4                 | 230                       | 3.6                       |
| 375  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.5                 | 220                       | 3.2                       |
| 380  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.5                 | 210                       | 2.9                       |
| 385  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.3                 | 198                       | 2.6                       |
| 390  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.8                 | 185                       | 2.2                       |

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16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>341 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 78.0                 | 438                       | 33.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 78.0                 | 438                       | 33.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 77.1                 | 437                       | 33.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 76.2                 | 436                       | 33.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 75.4                 | 434                       | 32.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 74.5                 | 433                       | 31.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 73.6                 | 432                       | 30.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 72.7                 | 430                       | 30.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 71.8                 | 428                       | 29.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 122  |                      |                           |                           | 73.0                 | 430                       | 29.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 71.0                 | 427                       | 28.9                      | 72.5                 | 429                       | 29.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 70.1                 | 425                       | 28.4                      | 71.6                 | 427                       | 29.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 69.2                 | 423                       | 28.0                      | 70.7                 | 425                       | 28.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 68.2                 | 421                       | 27.5                      | 69.8                 | 423                       | 28.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 67.3                 | 419                       | 27.0                      | 68.9                 | 421                       | 27.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 66.4                 | 417                       | 26.5                      | 68.0                 | 419                       | 27.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 65.5                 | 414                       | 26.1                      | 67.0                 | 417                       | 26.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 64.6                 | 412                       | 25.7                      | 66.1                 | 415                       | 26.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 63.6                 | 410                       | 25.3                      | 65.2                 | 413                       | 25.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170  | 62.7                 | 407                       | 25.0                      | 64.3                 | 410                       | 25.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175  | 61.7                 | 404                       | 24.6                      | 63.3                 | 408                       | 25.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 179  |                      |                           |                           |                      |                           |                           | 65.0                 | 409                       | 24.5                      |                      |                           |                           |                      |                           |                           |
| 180  | 60.7                 | 402                       | 24.4                      | 62.4                 | 405                       | 24.7                      | 64.9                 | 409                       | 24.5                      |                      |                           |                           |                      |                           |                           |
| 185  | 59.8                 | 399                       | 24.0                      | 61.4                 | 402                       | 24.4                      | 63.9                 | 406                       | 24.5                      |                      |                           |                           |                      |                           |                           |
| 190  | 58.8                 | 396                       | 23.6                      | 60.4                 | 400                       | 24.1                      | 63.0                 | 404                       | 24.4                      |                      |                           |                           |                      |                           |                           |
| 195  | 57.8                 | 392                       | 23.3                      | 59.5                 | 397                       | 23.7                      | 62.0                 | 401                       | 24.2                      |                      |                           |                           |                      |                           |                           |
| 200  | 56.8                 | 389                       | 22.9                      | 58.5                 | 394                       | 23.4                      | 61.1                 | 399                       | 23.8                      |                      |                           |                           |                      |                           |                           |
| 205  | 55.8                 | 386                       | 22.6                      | 57.5                 | 390                       | 23.0                      | 60.1                 | 396                       | 23.4                      |                      |                           |                           |                      |                           |                           |
| 210  | 54.7                 | 382                       | 22.3                      | 56.5                 | 387                       | 22.7                      | 59.1                 | 393                       | 23.1                      |                      |                           |                           |                      |                           |                           |
| 215  | 53.7                 | 379                       | 22.0                      | 55.5                 | 384                       | 22.4                      | 58.1                 | 390                       | 22.8                      |                      |                           |                           |                      |                           |                           |
| 220  | 52.6                 | 375                       | 21.8                      | 54.4                 | 380                       | 22.1                      | 57.1                 | 386                       | 22.5                      |                      |                           |                           |                      |                           |                           |
| 225  | 51.6                 | 371                       | 21.5                      | 53.4                 | 376                       | 21.9                      | 56.1                 | 383                       | 22.2                      |                      |                           |                           |                      |                           |                           |
| 230  | 50.5                 | 367                       | 21.3                      | 52.3                 | 373                       | 21.6                      | 55.1                 | 380                       | 21.9                      |                      |                           |                           |                      |                           |                           |
| 235  | 49.4                 | 362                       | 21.0                      | 51.2                 | 369                       | 21.4                      | 54.1                 | 376                       | 21.6                      |                      |                           |                           |                      |                           |                           |
| 240  | 48.2                 | 358                       | 20.2                      | 50.1                 | 364                       | 21.1                      | 53.0                 | 372                       | 21.4                      |                      |                           |                           |                      |                           |                           |
| 245  | 47.1                 | 353                       | 19.4                      | 49.0                 | 360                       | 20.4                      | 51.9                 | 368                       | 21.1                      |                      |                           |                           |                      |                           |                           |
| 246  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 373                       | 20.6                      |                      |                           |                           |
| 250  | 45.9                 | 349                       | 18.6                      | 47.9                 | 356                       | 19.7                      | 50.8                 | 364                       | 20.9                      | 54.2                 | 370                       | 20.6                      |                      |                           |                           |
| 255  | 44.7                 | 344                       | 17.9                      | 46.7                 | 351                       | 19.1                      | 49.7                 | 360                       | 20.7                      | 53.2                 | 366                       | 20.2                      |                      |                           |                           |
| 260  | 43.5                 | 338                       | 17.2                      | 45.6                 | 346                       | 18.5                      | 48.6                 | 356                       | 20.3                      | 52.4                 | 364                       | 19.5                      |                      |                           |                           |
| 265  | 42.3                 | 333                       | 16.4                      | 44.4                 | 341                       | 17.9                      | 47.5                 | 351                       | 19.7                      | 51.4                 | 360                       | 18.8                      |                      |                           |                           |
| 270  | 41.0                 | 327                       | 15.8                      | 43.1                 | 336                       | 17.3                      | 46.3                 | 346                       | 19.1                      | 50.3                 | 356                       | 18.0                      |                      |                           |                           |
| 275  | 39.7                 | 321                       | 15.1                      | 41.9                 | 330                       | 16.7                      | 45.1                 | 341                       | 18.6                      | 49.2                 | 352                       | 17.3                      |                      |                           |                           |
| 280  | 38.3                 | 315                       | 14.5                      | 40.6                 | 324                       | 16.1                      | 44.3                 | 338                       | 18.0                      | 48.0                 | 347                       | 16.6                      |                      |                           |                           |
| 285  | 36.9                 | 308                       | 13.9                      | 39.3                 | 318                       | 15.6                      | 43.1                 | 333                       | 17.5                      | 46.9                 | 342                       | 15.9                      |                      |                           |                           |
| 290  | 36.0                 | 304                       | 13.3                      | 37.9                 | 312                       | 15.1                      | 41.9                 | 327                       | 17.1                      | 45.7                 | 338                       | 15.3                      |                      |                           |                           |
| 295  | 34.6                 | 297                       | 13.0                      | 37.0                 | 308                       | 14.8                      | 40.6                 | 321                       | 16.7                      | 44.5                 | 332                       | 14.6                      |                      |                           |                           |
| 300  | 33.0                 | 289                       | 12.5                      | 35.6                 | 301                       | 14.6                      | 39.3                 | 315                       | 16.3                      | 43.3                 | 327                       | 14.0                      |                      |                           |                           |
| 305  | 31.5                 | 281                       | 11.6                      | 34.1                 | 294                       | 14.2                      | 37.9                 | 309                       | 15.9                      | 42.1                 | 322                       | 13.4                      |                      |                           |                           |
| 310  | 29.8                 | 273                       | 10.6                      | 32.6                 | 286                       | 13.2                      | 36.5                 | 302                       | 15.5                      | 40.8                 | 316                       | 12.9                      |                      |                           |                           |

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## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>341 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 315  | 28.0                 | 264                       | 9.7                       | 31.0                 | 278                       | 12.3                      | 35.1                 | 295                       | 15.0                      | 39.5                 | 310                       | 12.3                      |                      |                           |                           |
| 320  | 26.2                 | 254                       | 8.8                       | 29.3                 | 269                       | 11.4                      | 33.6                 | 288                       | 14.4                      | 38.1                 | 304                       | 11.8                      |                      |                           |                           |
| 325  | 24.2                 | 243                       | 7.8                       | 27.5                 | 260                       | 10.4                      | 32.0                 | 280                       | 13.7                      | 36.7                 | 297                       | 11.3                      |                      |                           |                           |
| 330  | 22.0                 | 231                       | 6.9                       | 25.6                 | 250                       | 9.5                       | 30.4                 | 272                       | 12.8                      | 35.3                 | 290                       | 10.8                      |                      |                           |                           |
| 335  | 19.6                 | 218                       | 5.9                       | 23.5                 | 238                       | 8.6                       | 28.7                 | 263                       | 12.0                      | 33.8                 | 283                       | 10.3                      |                      |                           |                           |
| 340  | 16.9                 | 202                       | 4.9                       | 21.3                 | 226                       | 7.6                       | 26.8                 | 253                       | 11.1                      | 32.3                 | 275                       | 9.8                       |                      |                           |                           |
| 345  |                      |                           |                           | 18.8                 | 212                       | 6.6                       | 24.9                 | 243                       | 10.3                      | 30.6                 | 267                       | 9.3                       |                      |                           |                           |
| 350  |                      |                           |                           | 16.0                 | 196                       | 5.6                       | 22.8                 | 231                       | 9.4                       | 28.9                 | 258                       | 8.9                       |                      |                           |                           |
| 355  |                      |                           |                           |                      |                           |                           | 20.5                 | 218                       | 8.6                       | 27.1                 | 248                       | 8.4                       |                      |                           |                           |
| 356  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 268                       | 4.0                       |
| 360  |                      |                           |                           |                      |                           |                           | 17.9                 | 204                       | 7.7                       | 25.2                 | 238                       | 8.0                       | 34.5                 | 266                       | 3.9                       |
| 365  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.1                 | 227                       | 7.6                       | 32.9                 | 258                       | 3.5                       |
| 370  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.9                 | 214                       | 7.1                       | 31.3                 | 250                       | 3.2                       |
| 375  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.3                 | 200                       | 6.7                       | 29.7                 | 242                       | 2.8                       |
| 380  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.9                 | 232                       | 2.5                       |
| 385  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.0                 | 222                       | 2.1                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>351 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 87   | 78.0                 | 448                       | 30.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 77.5                 | 447                       | 30.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 76.6                 | 446                       | 29.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 75.8                 | 445                       | 29.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 74.9                 | 443                       | 28.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 74.1                 | 442                       | 27.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 73.2                 | 440                       | 27.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 72.4                 | 439                       | 26.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  |                      |                           |                           | 73.0                 | 439                       | 26.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 71.5                 | 437                       | 26.0                      | 73.0                 | 439                       | 26.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 70.6                 | 435                       | 25.5                      | 72.1                 | 437                       | 26.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 69.8                 | 434                       | 25.1                      | 71.2                 | 436                       | 25.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 68.9                 | 432                       | 24.7                      | 70.4                 | 434                       | 25.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 68.0                 | 430                       | 24.2                      | 69.5                 | 432                       | 24.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 67.1                 | 427                       | 23.7                      | 68.6                 | 430                       | 24.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 66.2                 | 425                       | 23.3                      | 67.7                 | 428                       | 24.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 65.3                 | 423                       | 22.9                      | 66.8                 | 426                       | 23.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 64.4                 | 421                       | 22.5                      | 65.9                 | 424                       | 23.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170  | 63.5                 | 418                       | 22.2                      | 65.0                 | 421                       | 22.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175  | 62.6                 | 416                       | 21.8                      | 64.1                 | 419                       | 22.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 180  | 61.6                 | 413                       | 21.6                      | 63.2                 | 416                       | 21.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 184  |                      |                           |                           |                      |                           |                           | 65.0                 | 418                       | 21.6                      |                      |                           |                           |                      |                           |                           |
| 185  | 60.7                 | 410                       | 21.3                      | 62.3                 | 414                       | 21.6                      | 64.7                 | 418                       | 21.6                      |                      |                           |                           |                      |                           |                           |
| 190  | 59.8                 | 407                       | 20.9                      | 61.4                 | 411                       | 21.4                      | 63.8                 | 415                       | 21.6                      |                      |                           |                           |                      |                           |                           |
| 195  | 58.8                 | 404                       | 20.6                      | 60.4                 | 408                       | 21.0                      | 62.9                 | 412                       | 21.4                      |                      |                           |                           |                      |                           |                           |
| 200  | 57.8                 | 401                       | 20.3                      | 59.5                 | 405                       | 20.7                      | 62.0                 | 410                       | 21.1                      |                      |                           |                           |                      |                           |                           |
| 205  | 56.9                 | 398                       | 20.0                      | 58.5                 | 402                       | 20.4                      | 61.0                 | 407                       | 20.8                      |                      |                           |                           |                      |                           |                           |
| 210  | 55.9                 | 394                       | 19.7                      | 57.5                 | 399                       | 20.1                      | 60.1                 | 404                       | 20.5                      |                      |                           |                           |                      |                           |                           |
| 215  | 54.9                 | 391                       | 19.5                      | 56.6                 | 396                       | 19.8                      | 59.1                 | 401                       | 20.2                      |                      |                           |                           |                      |                           |                           |
| 220  | 53.9                 | 387                       | 19.2                      | 55.6                 | 392                       | 19.6                      | 58.2                 | 398                       | 20.0                      |                      |                           |                           |                      |                           |                           |
| 225  | 52.8                 | 383                       | 19.0                      | 54.6                 | 389                       | 19.3                      | 57.2                 | 395                       | 19.7                      |                      |                           |                           |                      |                           |                           |
| 230  | 51.8                 | 380                       | 18.8                      | 53.5                 | 385                       | 19.1                      | 56.2                 | 392                       | 19.4                      |                      |                           |                           |                      |                           |                           |
| 235  | 50.7                 | 375                       | 18.6                      | 52.5                 | 381                       | 18.9                      | 55.2                 | 388                       | 19.1                      |                      |                           |                           |                      |                           |                           |
| 240  | 49.7                 | 371                       | 18.4                      | 51.5                 | 377                       | 18.7                      | 54.2                 | 384                       | 18.9                      |                      |                           |                           |                      |                           |                           |
| 245  | 48.6                 | 367                       | 17.7                      | 50.4                 | 373                       | 18.4                      | 53.2                 | 381                       | 18.7                      |                      |                           |                           |                      |                           |                           |
| 250  | 47.5                 | 362                       | 17.1                      | 49.3                 | 369                       | 17.9                      | 52.2                 | 377                       | 18.5                      |                      |                           |                           |                      |                           |                           |
| 252  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 381                       | 17.9                      |                      |                           |                           |
| 255  | 46.3                 | 358                       | 16.4                      | 48.2                 | 364                       | 17.3                      | 51.1                 | 373                       | 18.3                      | 54.4                 | 379                       | 17.9                      |                      |                           |                           |
| 260  | 45.2                 | 352                       | 15.8                      | 47.1                 | 360                       | 16.8                      | 50.0                 | 369                       | 18.1                      | 53.4                 | 375                       | 17.9                      |                      |                           |                           |
| 265  | 44.0                 | 347                       | 15.1                      | 46.0                 | 355                       | 16.3                      | 49.0                 | 364                       | 17.9                      | 52.3                 | 371                       | 17.8                      |                      |                           |                           |
| 270  | 42.8                 | 342                       | 14.5                      | 44.8                 | 350                       | 15.8                      | 47.9                 | 360                       | 17.4                      | 51.6                 | 368                       | 17.2                      |                      |                           |                           |
| 275  | 41.6                 | 336                       | 13.9                      | 43.7                 | 345                       | 15.3                      | 46.7                 | 355                       | 16.9                      | 50.5                 | 364                       | 16.6                      |                      |                           |                           |
| 280  | 40.3                 | 331                       | 13.4                      | 42.4                 | 339                       | 14.8                      | 45.6                 | 350                       | 16.4                      | 49.5                 | 360                       | 15.9                      |                      |                           |                           |
| 285  | 39.0                 | 324                       | 12.9                      | 41.2                 | 334                       | 14.4                      | 44.4                 | 345                       | 15.9                      | 48.4                 | 356                       | 15.2                      |                      |                           |                           |
| 290  | 37.7                 | 318                       | 12.3                      | 39.9                 | 328                       | 14.0                      | 43.2                 | 340                       | 15.5                      | 47.3                 | 351                       | 14.6                      |                      |                           |                           |
| 295  | 36.3                 | 311                       | 11.9                      | 38.6                 | 322                       | 13.5                      | 42.0                 | 334                       | 15.1                      | 46.2                 | 346                       | 13.9                      |                      |                           |                           |
| 300  | 35.5                 | 307                       | 11.4                      | 37.3                 | 315                       | 13.2                      | 40.8                 | 329                       | 14.7                      | 45.0                 | 342                       | 13.3                      |                      |                           |                           |
| 305  | 34.0                 | 300                       | 11.2                      | 36.4                 | 311                       | 12.9                      | 39.5                 | 323                       | 14.3                      | 43.8                 | 336                       | 12.8                      |                      |                           |                           |
| 310  | 32.5                 | 292                       | 10.4                      | 35.0                 | 304                       | 12.7                      | 38.7                 | 319                       | 13.9                      | 42.6                 | 331                       | 12.2                      |                      |                           |                           |
| 315  | 31.0                 | 284                       | 9.5                       | 33.6                 | 296                       | 11.9                      | 37.3                 | 312                       | 13.6                      | 41.4                 | 325                       | 11.6                      |                      |                           |                           |
| 320  | 29.3                 | 275                       | 8.6                       | 32.0                 | 288                       | 11.1                      | 35.9                 | 305                       | 13.3                      | 40.2                 | 320                       | 11.1                      |                      |                           |                           |
| 325  | 27.6                 | 266                       | 7.8                       | 30.5                 | 280                       | 10.2                      | 34.5                 | 298                       | 12.9                      | 38.9                 | 313                       | 10.6                      |                      |                           |                           |
| 330  | 25.7                 | 256                       | 6.9                       | 28.8                 | 271                       | 9.3                       | 33.0                 | 291                       | 12.2                      | 37.5                 | 307                       | 10.1                      |                      |                           |                           |
| 335  | 23.8                 | 245                       | 6.0                       | 27.0                 | 262                       | 8.5                       | 31.5                 | 283                       | 11.4                      | 36.2                 | 300                       | 9.6                       |                      |                           |                           |
| 340  | 21.6                 | 232                       | 5.1                       | 25.1                 | 251                       | 7.6                       | 29.9                 | 274                       | 10.6                      | 34.7                 | 293                       | 9.1                       |                      |                           |                           |
| 345  | 19.3                 | 219                       | 4.2                       | 23.1                 | 240                       | 6.7                       | 28.2                 | 265                       | 9.9                       | 33.3                 | 286                       | 8.7                       |                      |                           |                           |
| 350  | 16.6                 | 203                       | 3.3                       | 20.9                 | 228                       | 5.9                       | 26.4                 | 255                       | 9.1                       | 31.7                 | 278                       | 8.2                       |                      |                           |                           |
| 355  |                      |                           |                           | 18.5                 | 213                       | 5.0                       | 24.5                 | 245                       | 8.4                       | 30.1                 | 269                       | 7.8                       |                      |                           |                           |
| 360  |                      |                           |                           | 15.6                 | 197                       | 4.1                       | 22.4                 | 233                       | 7.6                       | 28.5                 | 260                       | 7.3                       |                      |                           |                           |
| 364  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 274                       | 2.7                       |
| 365  |                      |                           |                           |                      |                           |                           | 20.1                 | 220                       | 6.8                       | 26.7                 | 250                       | 6.9                       | 34.8                 | 273                       | 2.7                       |
| 370  |                      |                           |                           |                      |                           |                           | 17.5                 | 205                       | 6.0                       | 24.8                 | 240                       | 6.5                       | 33.9                 | 269                       | 2.4                       |
| 375  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.7                 | 228                       | 6.1                       | 32.4                 | 261                       | 2.1                       |
| 380  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.5                 | 216                       | 5.7                       |                      |                           |                           |
| 385  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.0                 | 201                       | 5.3                       |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>361 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 89   | 78.0                 | 457                       | 27.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 77.8                 | 457                       | 27.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 77.0                 | 456                       | 27.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 76.2                 | 455                       | 26.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 75.4                 | 453                       | 26.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 74.5                 | 452                       | 25.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 73.7                 | 451                       | 24.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 72.9                 | 449                       | 24.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 72.0                 | 448                       | 23.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 128  |                      |                           |                           | 73.0                 | 448                       | 23.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 71.2                 | 446                       | 23.1                      | 72.6                 | 448                       | 23.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 70.3                 | 444                       | 22.7                      | 71.8                 | 446                       | 23.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 69.5                 | 442                       | 22.3                      | 70.9                 | 444                       | 23.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 68.6                 | 440                       | 21.9                      | 70.1                 | 442                       | 22.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 67.8                 | 438                       | 21.5                      | 69.2                 | 441                       | 22.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 66.9                 | 436                       | 21.0                      | 68.4                 | 439                       | 21.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 66.0                 | 434                       | 20.6                      | 67.5                 | 437                       | 21.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 65.2                 | 432                       | 20.3                      | 66.6                 | 434                       | 20.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170  | 64.3                 | 429                       | 19.9                      | 65.8                 | 432                       | 20.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175  | 63.4                 | 427                       | 19.6                      | 64.9                 | 430                       | 20.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 180  | 62.5                 | 424                       | 19.3                      | 64.0                 | 427                       | 19.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 185  | 61.6                 | 421                       | 19.1                      | 63.1                 | 425                       | 19.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 188  |                      |                           |                           |                      |                           |                           | 65.0                 | 427                       | 19.3                      |                      |                           |                           |                      |                           |                           |
| 190  | 60.7                 | 418                       | 18.8                      | 62.2                 | 422                       | 19.1                      | 64.6                 | 426                       | 19.3                      |                      |                           |                           |                      |                           |                           |
| 195  | 59.8                 | 416                       | 18.5                      | 61.3                 | 420                       | 18.8                      | 63.7                 | 424                       | 19.2                      |                      |                           |                           |                      |                           |                           |
| 200  | 58.8                 | 413                       | 18.2                      | 60.4                 | 417                       | 18.5                      | 62.8                 | 421                       | 19.0                      |                      |                           |                           |                      |                           |                           |
| 205  | 57.9                 | 409                       | 17.9                      | 59.5                 | 414                       | 18.3                      | 61.9                 | 418                       | 18.7                      |                      |                           |                           |                      |                           |                           |
| 210  | 56.9                 | 406                       | 17.7                      | 58.5                 | 411                       | 18.0                      | 61.0                 | 416                       | 18.3                      |                      |                           |                           |                      |                           |                           |
| 215  | 56.0                 | 403                       | 17.4                      | 57.6                 | 408                       | 17.7                      | 60.1                 | 413                       | 18.1                      |                      |                           |                           |                      |                           |                           |
| 220  | 55.0                 | 399                       | 17.2                      | 56.6                 | 404                       | 17.5                      | 59.1                 | 410                       | 17.8                      |                      |                           |                           |                      |                           |                           |
| 225  | 54.0                 | 396                       | 16.9                      | 55.7                 | 401                       | 17.2                      | 58.2                 | 407                       | 17.6                      |                      |                           |                           |                      |                           |                           |
| 230  | 53.0                 | 392                       | 16.7                      | 54.7                 | 397                       | 17.0                      | 57.3                 | 403                       | 17.4                      |                      |                           |                           |                      |                           |                           |
| 235  | 52.0                 | 388                       | 16.5                      | 53.7                 | 394                       | 16.8                      | 56.3                 | 400                       | 17.1                      |                      |                           |                           |                      |                           |                           |
| 240  | 51.0                 | 384                       | 16.4                      | 52.7                 | 390                       | 16.6                      | 55.3                 | 397                       | 16.9                      |                      |                           |                           |                      |                           |                           |
| 245  | 50.0                 | 380                       | 16.2                      | 51.7                 | 386                       | 16.4                      | 54.4                 | 393                       | 16.7                      |                      |                           |                           |                      |                           |                           |
| 250  | 48.9                 | 376                       | 15.7                      | 50.7                 | 382                       | 16.3                      | 53.4                 | 389                       | 16.5                      |                      |                           |                           |                      |                           |                           |
| 255  | 47.8                 | 371                       | 15.1                      | 49.6                 | 378                       | 15.8                      | 52.4                 | 386                       | 16.3                      |                      |                           |                           |                      |                           |                           |
| 258  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 389                       | 15.7                      |                      |                           |                           |
| 260  | 46.7                 | 366                       | 14.6                      | 48.6                 | 373                       | 15.4                      | 51.3                 | 382                       | 16.1                      | 54.5                 | 387                       | 15.7                      |                      |                           |                           |
| 265  | 45.6                 | 361                       | 14.0                      | 47.5                 | 369                       | 14.9                      | 50.3                 | 377                       | 16.0                      | 53.5                 | 384                       | 15.7                      |                      |                           |                           |
| 270  | 44.5                 | 356                       | 13.5                      | 46.4                 | 364                       | 14.5                      | 49.3                 | 373                       | 15.8                      | 52.5                 | 380                       | 15.6                      |                      |                           |                           |
| 275  | 43.3                 | 351                       | 13.0                      | 45.3                 | 359                       | 14.1                      | 48.2                 | 369                       | 15.4                      | 51.5                 | 376                       | 15.5                      |                      |                           |                           |
| 280  | 42.2                 | 346                       | 12.5                      | 44.1                 | 354                       | 13.7                      | 47.1                 | 364                       | 15.0                      | 50.5                 | 372                       | 15.2                      |                      |                           |                           |
| 285  | 41.0                 | 340                       | 12.0                      | 43.0                 | 348                       | 13.3                      | 46.0                 | 359                       | 14.6                      | 49.8                 | 369                       | 14.7                      |                      |                           |                           |
| 290  | 39.7                 | 334                       | 11.5                      | 41.8                 | 343                       | 13.0                      | 44.9                 | 354                       | 14.2                      | 48.7                 | 364                       | 14.0                      |                      |                           |                           |
| 295  | 38.4                 | 328                       | 11.1                      | 40.6                 | 337                       | 12.6                      | 43.7                 | 349                       | 13.8                      | 47.6                 | 360                       | 13.4                      |                      |                           |                           |
| 300  | 37.1                 | 321                       | 10.7                      | 39.3                 | 331                       | 12.3                      | 42.6                 | 344                       | 13.5                      | 46.6                 | 355                       | 12.8                      |                      |                           |                           |
| 305  | 35.8                 | 314                       | 10.3                      | 38.5                 | 327                       | 11.9                      | 41.4                 | 338                       | 13.1                      | 45.4                 | 350                       | 12.2                      |                      |                           |                           |
| 310  | 34.4                 | 307                       | 9.9                       | 37.2                 | 321                       | 11.6                      | 40.1                 | 332                       | 12.8                      | 44.3                 | 345                       | 11.6                      |                      |                           |                           |
| 315  | 33.5                 | 302                       | 9.4                       | 35.9                 | 314                       | 11.3                      | 38.9                 | 326                       | 12.5                      | 43.2                 | 340                       | 11.1                      |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>361 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 320  | 32.0                 | 294                       | 8.6                       | 34.5                 | 307                       | 10.9                      | 37.6                 | 320                       | 12.2                      | 42.0                 | 335                       | 10.5                      |                      |                           |                           |
| 325  | 30.5                 | 286                       | 7.8                       | 33.0                 | 299                       | 10.1                      | 36.3                 | 313                       | 11.9                      | 40.8                 | 329                       | 10.0                      |                      |                           |                           |
| 330  | 28.8                 | 277                       | 7.0                       | 31.5                 | 291                       | 9.3                       | 34.9                 | 306                       | 11.6                      | 39.5                 | 323                       | 9.5                       |                      |                           |                           |
| 335  | 27.1                 | 268                       | 6.1                       | 30.0                 | 282                       | 8.5                       | 34.0                 | 301                       | 10.9                      | 38.3                 | 317                       | 9.0                       |                      |                           |                           |
| 340  | 25.3                 | 257                       | 5.3                       | 28.3                 | 273                       | 7.7                       | 32.5                 | 293                       | 10.2                      | 37.0                 | 310                       | 8.6                       |                      |                           |                           |
| 345  | 23.4                 | 246                       | 4.5                       | 26.6                 | 264                       | 6.9                       | 31.0                 | 285                       | 9.5                       | 35.6                 | 303                       | 8.1                       |                      |                           |                           |
| 350  | 21.3                 | 234                       | 3.7                       | 24.7                 | 253                       | 6.1                       | 29.4                 | 276                       | 8.9                       | 34.2                 | 296                       | 7.7                       |                      |                           |                           |
| 355  | 18.9                 | 220                       | 2.9                       | 22.7                 | 242                       | 5.3                       | 27.7                 | 267                       | 8.2                       | 32.8                 | 288                       | 7.2                       |                      |                           |                           |
| 360  | 16.2                 | 204                       | 2.0                       | 20.6                 | 229                       | 4.5                       | 26.0                 | 257                       | 7.5                       | 31.2                 | 280                       | 6.8                       |                      |                           |                           |
| 365  |                      |                           |                           | 18.1                 | 214                       | 3.7                       | 24.1                 | 246                       | 6.8                       | 29.7                 | 272                       | 6.4                       |                      |                           |                           |
| 370  |                      |                           |                           |                      |                           |                           | 22.0                 | 234                       | 6.1                       | 28.0                 | 262                       | 6.0                       |                      |                           |                           |
| 375  |                      |                           |                           |                      |                           |                           | 19.8                 | 221                       | 5.4                       | 26.2                 | 252                       | 5.6                       |                      |                           |                           |
| 380  |                      |                           |                           |                      |                           |                           | 17.2                 | 206                       | 4.7                       | 24.4                 | 242                       | 5.2                       |                      |                           |                           |
| 385  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.3                 | 230                       | 4.8                       |                      |                           |                           |
| 390  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.1                 | 217                       | 4.4                       |                      |                           |                           |
| 395  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.6                 | 202                       | 4.1                       |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>371 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 91   | 78.0                 | 467                       | 25.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 77.4                 | 466                       | 25.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 76.6                 | 465                       | 25.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 75.8                 | 464                       | 24.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 75.0                 | 462                       | 24.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 74.2                 | 461                       | 23.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 73.3                 | 459                       | 23.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 72.5                 | 458                       | 22.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 71.7                 | 456                       | 22.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 131  |                      |                           |                           | 73.0                 | 458                       | 22.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 70.9                 | 454                       | 21.7                      | 72.3                 | 456                       | 22.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 70.1                 | 453                       | 21.3                      | 71.5                 | 455                       | 21.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 69.2                 | 451                       | 21.0                      | 70.6                 | 453                       | 21.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 68.4                 | 449                       | 20.6                      | 69.8                 | 451                       | 21.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 67.6                 | 447                       | 20.2                      | 69.0                 | 449                       | 20.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 66.7                 | 445                       | 19.8                      | 68.1                 | 447                       | 20.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 65.9                 | 442                       | 19.4                      | 67.3                 | 445                       | 20.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170  | 65.0                 | 440                       | 19.1                      | 66.5                 | 443                       | 19.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175  | 64.2                 | 438                       | 18.8                      | 65.6                 | 441                       | 19.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 180  | 63.3                 | 435                       | 18.5                      | 64.8                 | 438                       | 18.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 185  | 62.4                 | 432                       | 18.2                      | 63.9                 | 436                       | 18.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 190  | 61.5                 | 430                       | 18.0                      | 63.0                 | 433                       | 18.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 192  |                      |                           |                           |                      |                           |                           | 65.0                 | 436                       | 18.0                      |                      |                           |                           |                      |                           |                           |
| 195  | 60.6                 | 427                       | 17.7                      | 62.1                 | 431                       | 18.0                      | 64.5                 | 434                       | 18.0                      |                      |                           |                           |                      |                           |                           |
| 200  | 59.7                 | 424                       | 17.4                      | 61.3                 | 428                       | 17.8                      | 63.6                 | 432                       | 18.0                      |                      |                           |                           |                      |                           |                           |
| 205  | 58.8                 | 421                       | 17.2                      | 60.4                 | 425                       | 17.5                      | 62.7                 | 430                       | 17.8                      |                      |                           |                           |                      |                           |                           |
| 210  | 57.9                 | 418                       | 16.9                      | 59.5                 | 422                       | 17.2                      | 61.8                 | 427                       | 17.6                      |                      |                           |                           |                      |                           |                           |
| 215  | 57.0                 | 415                       | 16.7                      | 58.6                 | 419                       | 17.0                      | 60.9                 | 424                       | 17.3                      |                      |                           |                           |                      |                           |                           |
| 220  | 56.1                 | 411                       | 16.4                      | 57.6                 | 416                       | 16.7                      | 60.1                 | 421                       | 17.0                      |                      |                           |                           |                      |                           |                           |
| 225  | 55.1                 | 408                       | 16.2                      | 56.7                 | 413                       | 16.5                      | 59.2                 | 418                       | 16.8                      |                      |                           |                           |                      |                           |                           |
| 230  | 54.2                 | 404                       | 16.0                      | 55.8                 | 409                       | 16.3                      | 58.2                 | 415                       | 16.6                      |                      |                           |                           |                      |                           |                           |
| 235  | 53.2                 | 400                       | 15.8                      | 54.8                 | 406                       | 16.1                      | 57.3                 | 412                       | 16.4                      |                      |                           |                           |                      |                           |                           |
| 240  | 52.2                 | 397                       | 15.6                      | 53.9                 | 402                       | 15.9                      | 56.4                 | 409                       | 16.2                      |                      |                           |                           |                      |                           |                           |
| 245  | 51.2                 | 393                       | 15.4                      | 52.9                 | 398                       | 15.7                      | 55.5                 | 405                       | 15.9                      |                      |                           |                           |                      |                           |                           |
| 250  | 50.2                 | 388                       | 15.2                      | 51.9                 | 394                       | 15.6                      | 54.5                 | 402                       | 15.7                      |                      |                           |                           |                      |                           |                           |
| 255  | 49.5                 | 386                       | 14.7                      | 50.9                 | 390                       | 15.4                      | 53.5                 | 398                       | 15.5                      |                      |                           |                           |                      |                           |                           |
| 260  | 48.5                 | 381                       | 13.4                      | 50.2                 | 388                       | 14.5                      | 52.6                 | 394                       | 15.3                      |                      |                           |                           |                      |                           |                           |
| 263  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 397                       | 14.8                      |                      |                           |                           |
| 265  | 47.5                 | 377                       | 12.1                      | 49.2                 | 383                       | 13.2                      | 51.6                 | 390                       | 15.2                      | 54.7                 | 396                       | 14.8                      |                      |                           |                           |
| 270  | 46.4                 | 372                       | 10.8                      | 48.2                 | 379                       | 11.9                      | 50.6                 | 386                       | 15.0                      | 53.7                 | 392                       | 14.8                      |                      |                           |                           |
| 275  | 45.3                 | 367                       | 9.6                       | 47.1                 | 374                       | 10.6                      | 49.6                 | 382                       | 14.8                      | 52.7                 | 388                       | 14.7                      |                      |                           |                           |
| 280  | 44.2                 | 362                       | 8.4                       | 46.1                 | 370                       | 9.4                       | 48.9                 | 379                       | 13.7                      | 51.7                 | 384                       | 14.5                      |                      |                           |                           |
| 285  | 43.1                 | 357                       | 7.2                       | 45.0                 | 365                       | 8.2                       | 47.8                 | 374                       | 12.3                      | 51.0                 | 382                       | 13.9                      |                      |                           |                           |
| 290  | 41.9                 | 351                       | 6.1                       | 43.9                 | 359                       | 7.1                       | 46.8                 | 370                       | 10.9                      | 50.0                 | 378                       | 13.3                      |                      |                           |                           |
| 295  | 40.8                 | 345                       | 5.0                       | 42.7                 | 354                       | 6.0                       | 45.7                 | 365                       | 9.6                       | 49.0                 | 373                       | 12.7                      |                      |                           |                           |
| 300  | 39.6                 | 339                       | 4.0                       | 41.6                 | 348                       | 4.9                       | 44.6                 | 360                       | 8.3                       | 48.0                 | 369                       | 12.1                      |                      |                           |                           |
| 305  | 38.3                 | 333                       | 3.0                       | 40.4                 | 343                       | 3.9                       | 43.5                 | 355                       | 7.1                       | 46.9                 | 364                       | 11.5                      |                      |                           |                           |
| 310  | 37.0                 | 327                       | 2.0                       | 39.2                 | 337                       | 2.9                       | 42.3                 | 349                       | 5.9                       | 45.9                 | 359                       | 10.9                      |                      |                           |                           |
| 315  |                      |                           |                           |                      |                           |                           | 41.2                 | 344                       | 4.8                       | 44.8                 | 354                       | 10.4                      |                      |                           |                           |
| 320  |                      |                           |                           |                      |                           |                           | 40.0                 | 338                       | 3.7                       | 43.7                 | 349                       | 9.9                       |                      |                           |                           |
| 325  |                      |                           |                           |                      |                           |                           | 38.7                 | 331                       | 2.6                       | 42.5                 | 344                       | 8.5                       |                      |                           |                           |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 41.4                 | 338                       | 7.1                       |                      |                           |                           |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 40.2                 | 332                       | 5.6                       |                      |                           |                           |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 38.9                 | 326                       | 4.3                       |                      |                           |                           |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 37.7                 | 320                       | 3.0                       |                      |                           |                           |

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16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>66 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 27  | 78.0                 | 168                       | 195.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 30  | 75.6                 | 168                       | 192.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35  | 71.0                 | 166                       | 184.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 66.3                 | 164                       | 175.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 41  |                      |                           |                           | 73.0                 | 166                       | 186.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 61.3                 | 161                       | 167.0                     | 69.5                 | 165                       | 182.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 56.1                 | 158                       | 154.3                     | 64.8                 | 162                       | 173.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 50.6                 | 154                       | 145.1                     | 59.7                 | 160                       | 164.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 44.5                 | 149                       | 128.5                     | 54.5                 | 156                       | 152.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 63  |                      |                           |                           |                      |                           |                           | 65.0                 | 160                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 65  | 37.6                 | 143                       | 115.0                     | 48.8                 | 152                       | 140.2                     | 63.0                 | 158                       | 172.3                     |                      |                           |                           |                      |                           |                           |
| 70  | 29.4                 | 135                       | 99.6                      | 42.5                 | 147                       | 125.0                     | 57.9                 | 156                       | 160.6                     |                      |                           |                           |                      |                           |                           |
| 75  | 17.7                 | 123                       | 80.5                      | 35.3                 | 140                       | 114.2                     | 52.5                 | 152                       | 149.0                     |                      |                           |                           |                      |                           |                           |
| 80  |                      |                           |                           | 26.3                 | 131                       | 97.1                      | 46.7                 | 147                       | 136.4                     |                      |                           |                           |                      |                           |                           |
| 85  |                      |                           |                           | 16.1                 | 120                       | 33.4                      | 40.1                 | 142                       | 122.8                     |                      |                           |                           |                      |                           |                           |
| 88  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 147                       | 66.4                      |                      |                           |                           |
| 90  |                      |                           |                           |                      |                           |                           | 32.4                 | 134                       | 111.3                     | 53.4                 | 146                       | 118.6                     |                      |                           |                           |
| 95  |                      |                           |                           |                      |                           |                           | 22.4                 | 124                       | 98.4                      | 47.6                 | 142                       | 111.0                     |                      |                           |                           |
| 100   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 41.2                 | 136                       | 104.3                     |                      |                           |                           |
| 105   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.7                 | 130                       | 98.3                      |                      |                           |                           |
| 110   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.3                 | 120                       | 92.8                      |                      |                           |                           |
| 131   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 110                       | 66.4                      |
| 135   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.7                 | 104                       | 67.0                      |
| 140   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.8                 | 95                        | 33.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

**Version:** 9839979/59979/  
**Degree rating:** limited °  
**Foot print:** 3-blocked crawlers  
**Counterweight [1000 lbs ]:** 273.4  
**Carbody counterweight [1000 lbs ]:** 125.7

**HPT foot:** 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| <b>95 ft Main boom</b><br><b>76 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)</b> |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 29  | 78.0                 | 178                       | 181.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 30  | 77.5                 | 178                       | 181.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35  | 73.6                 | 177                       | 173.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 69.5                 | 175                       | 163.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 44  |                      |                           |                           | 73.0                 | 175                       | 170.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 65.4                 | 173                       | 153.2                     | 72.3                 | 175                       | 170.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 61.1                 | 170                       | 145.2                     | 68.3                 | 173                       | 161.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 56.6                 | 167                       | 134.8                     | 64.1                 | 171                       | 152.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 51.8                 | 163                       | 126.9                     | 59.7                 | 168                       | 143.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 46.7                 | 158                       | 116.1                     | 55.1                 | 165                       | 133.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 67  |                      |                           |                           |                      |                           |                           | 65.0                 | 168                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 70  | 41.1                 | 153                       | 105.2                     | 50.3                 | 161                       | 125.3                     | 62.6                 | 167                       | 151.4                     |                      |                           |                           |                      |                           |                           |
| 75  | 34.7                 | 146                       | 98.3                      | 45.0                 | 156                       | 113.5                     | 58.2                 | 164                       | 141.9                     |                      |                           |                           |                      |                           |                           |
| 80  | 27.0                 | 137                       | 83.4                      | 39.2                 | 150                       | 104.1                     | 53.5                 | 160                       | 131.5                     |                      |                           |                           |                      |                           |                           |
| 85  | 18.9                 | 127                       | 33.4                      | 32.5                 | 143                       | 94.6                      | 48.5                 | 156                       | 122.8                     |                      |                           |                           |                      |                           |                           |
| 90  |                      |                           |                           | 24.1                 | 133                       | 82.2                      | 43.1                 | 151                       | 111.6                     |                      |                           |                           |                      |                           |                           |
| 94  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 155                       | 66.4                      |                      |                           |                           |
| 95  |                      |                           |                           |                      |                           |                           | 37.0                 | 145                       | 102.8                     | 54.2                 | 155                       | 110.6                     |                      |                           |                           |
| 100   |                      |                           |                           |                      |                           |                           | 29.8                 | 137                       | 93.5                      | 49.3                 | 150                       | 103.9                     |                      |                           |                           |
| 105   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 44.0                 | 146                       | 97.9                      |                      |                           |                           |
| 110   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 38.0                 | 140                       | 92.6                      |                      |                           |                           |
| 115   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.1                 | 132                       | 87.7                      |                      |                           |                           |
| 120   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.2                 | 121                       | 83.3                      |                      |                           |                           |
| 139   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 116                       | 64.5                      |
| 140   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.2                 | 115                       | 63.8                      |
| 145   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.3                 | 106                       | 61.1                      |
| 150   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.9                 | 96                        | 33.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|---|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|   | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 95 ft Main boom<br>85 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 31  | 78.0                 | 188                                | 168.6                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 35  | 75.5                 | 187                                | 165.1                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 40  | 72.0                 | 185                                | 155.3                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 45  | 68.4                 | 183                                | 145.4                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 47  |                      |                                    |                                    | 73.0                 | 185                                | 157.5                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50  | 64.7                 | 181                                | 135.1                              | 70.9                 | 184                                | 153.9                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55  | 60.9                 | 178                                | 127.4                              | 67.3                 | 182                                | 143.6                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60  | 56.9                 | 175                                | 118.8                              | 63.5                 | 179                                | 133.9                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65  | 52.7                 | 172                                | 111.9                              | 59.7                 | 176                                | 126.0                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70  | 48.3                 | 167                                | 104.6                              | 55.7                 | 173                                | 118.0                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 71  |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 177                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 75  | 43.5                 | 162                                | 96.0                               | 51.4                 | 169                                | 112.1                              | 62.2                 | 175                                | 134.2                              |                      |                                    |                                    |                      |                                    |                                    |
| 80  | 38.3                 | 156                                | 89.0                               | 46.9                 | 165                                | 102.8                              | 58.3                 | 172                                | 126.6                              |                      |                                    |                                    |                      |                                    |                                    |
| 85  | 32.3                 | 149                                | 82.2                               | 42.0                 | 160                                | 94.6                               | 54.2                 | 169                                | 117.2                              |                      |                                    |                                    |                      |                                    |                                    |
| 90  | 25.0                 | 139                                | 71.1                               | 36.5                 | 153                                | 89.4                               | 49.9                 | 165                                | 110.9                              |                      |                                    |                                    |                      |                                    |                                    |
| 95  | 17.3                 | 128                                | 33.4                               | 30.2                 | 145                                | 80.7                               | 45.2                 | 160                                | 101.6                              |                      |                                    |                                    |                      |                                    |                                    |
| 100   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 163                                | 66.4                               |                      |                                    |                                    |
| 100   |                      |                                    |                                    | 22.3                 | 134                                | 71.0                               | 40.2                 | 154                                | 93.9                               | 54.9                 | 163                                | 103.9                              |                      |                                    |                                    |
| 105   |                      |                                    |                                    |                      |                                    |                                    | 34.5                 | 148                                | 88.1                               | 50.6                 | 159                                | 97.9                               |                      |                                    |                                    |
| 110   |                      |                                    |                                    |                      |                                    |                                    | 27.7                 | 139                                | 80.5                               | 46.0                 | 155                                | 92.6                               |                      |                                    |                                    |
| 115   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 41.0                 | 149                                | 87.7                               |                      |                                    |                                    |
| 120   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.4                 | 142                                | 83.4                               |                      |                                    |                                    |
| 125   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 28.9                 | 134                                | 79.3                               |                      |                                    |                                    |
| 130   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 20.4                 | 123                                | 75.6                               |                      |                                    |                                    |
| 147   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 122                                | 60.2                               |
| 150   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 30.7                 | 116                                | 58.6                               |
| 155   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 22.8                 | 106                                | 56.3                               |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>95 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 34  | 78.0                 | 197                       | 154.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35  | 77.1                 | 197                       | 154.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 73.9                 | 196                       | 147.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 70.8                 | 194                       | 137.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  |                      |                           |                           | 73.0                 | 194                       | 142.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 67.5                 | 192                       | 128.7                     | 73.0                 | 194                       | 142.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 64.2                 | 190                       | 120.8                     | 69.8                 | 192                       | 135.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 60.7                 | 187                       | 114.4                     | 66.5                 | 190                       | 127.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 57.2                 | 184                       | 107.0                     | 63.1                 | 188                       | 120.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 53.5                 | 180                       | 100.9                     | 59.7                 | 185                       | 113.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 49.6                 | 176                       | 95.5                      | 56.1                 | 182                       | 106.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  |                      |                           |                           |                      |                           |                           | 65.0                 | 186                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 80  | 45.4                 | 171                       | 88.4                      | 52.3                 | 178                       | 100.9                     | 61.9                 | 184                       | 120.4                     |                      |                           |                           |                      |                           |                           |
| 85  | 40.9                 | 166                       | 82.0                      | 48.3                 | 174                       | 94.1                      | 58.4                 | 181                       | 114.3                     |                      |                           |                           |                      |                           |                           |
| 90  | 36.0                 | 159                       | 77.2                      | 44.1                 | 169                       | 87.1                      | 54.8                 | 178                       | 105.8                     |                      |                           |                           |                      |                           |                           |
| 95  | 30.3                 | 151                       | 69.9                      | 39.4                 | 163                       | 81.4                      | 50.9                 | 174                       | 99.8                      |                      |                           |                           |                      |                           |                           |
| 100   | 23.3                 | 141                       | 61.8                      | 34.3                 | 156                       | 76.6                      | 46.9                 | 169                       | 92.8                      |                      |                           |                           |                      |                           |                           |
| 105   |                      |                           |                           | 28.3                 | 147                       | 69.3                      | 42.5                 | 164                       | 86.1                      |                      |                           |                           |                      |                           |                           |
| 105   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 171                       | 66.4                      |                      |                           |                           |
| 110   |                      |                           |                           | 20.7                 | 136                       | 61.9                      | 37.7                 | 158                       | 81.0                      | 51.6                 | 168                       | 92.2                      |                      |                           |                           |
| 115   |                      |                           |                           |                      |                           |                           | 32.3                 | 150                       | 75.7                      | 47.5                 | 164                       | 87.4                      |                      |                           |                           |
| 120   |                      |                           |                           |                      |                           |                           | 25.9                 | 141                       | 69.9                      | 43.2                 | 158                       | 83.0                      |                      |                           |                           |
| 125   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 38.5                 | 152                       | 79.0                      |                      |                           |                           |
| 130   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.2                 | 145                       | 75.4                      |                      |                           |                           |
| 135   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.0                 | 136                       | 72.0                      |                      |                           |                           |
| 140   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 124                       | 68.0                      |                      |                           |                           |
| 155   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 127                       | 56.0                      |
| 155   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.8                 | 127                       | 55.9                      |
| 160   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.7                 | 118                       | 53.8                      |
| 165   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 107                       | 51.8                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbony counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>105 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 36   | 78.0                 | 207                       | 143.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 75.5                 | 206                       | 138.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 72.6                 | 204                       | 130.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 69.7                 | 203                       | 123.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 53   |                      |                           |                           | 73.0                 | 204                       | 129.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 66.8                 | 200                       | 115.6                     | 71.7                 | 203                       | 129.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 63.7                 | 198                       | 109.2                     | 68.8                 | 201                       | 121.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 60.6                 | 195                       | 103.8                     | 65.8                 | 199                       | 114.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 57.4                 | 192                       | 97.3                      | 62.8                 | 196                       | 108.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 54.1                 | 189                       | 91.8                      | 59.6                 | 194                       | 102.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   |                      |                           |                           |                      |                           |                           | 65.0                 | 195                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 80   | 50.6                 | 185                       | 87.6                      | 56.4                 | 190                       | 96.7                      | 64.8                 | 195                       | 113.4                     |                      |                           |                           |                      |                           |                           |
| 85   | 46.9                 | 180                       | 81.7                      | 53.0                 | 187                       | 91.7                      | 61.7                 | 192                       | 109.3                     |                      |                           |                           |                      |                           |                           |
| 90   | 43.0                 | 175                       | 76.3                      | 49.5                 | 182                       | 86.5                      | 58.5                 | 189                       | 104.0                     |                      |                           |                           |                      |                           |                           |
| 95   | 38.7                 | 169                       | 71.6                      | 45.7                 | 178                       | 80.6                      | 55.2                 | 186                       | 96.5                      |                      |                           |                           |                      |                           |                           |
| 100  | 34.0                 | 162                       | 67.6                      | 41.7                 | 172                       | 75.3                      | 51.8                 | 182                       | 90.8                      |                      |                           |                           |                      |                           |                           |
| 105  | 28.6                 | 153                       | 61.1                      | 37.3                 | 166                       | 71.3                      | 48.2                 | 178                       | 85.3                      |                      |                           |                           |                      |                           |                           |
| 110  | 21.9                 | 142                       | 54.6                      | 32.4                 | 158                       | 66.3                      | 44.3                 | 173                       | 79.3                      |                      |                           |                           |                      |                           |                           |
| 111  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 180                       | 66.4                      |                      |                           |                           |
| 115  |                      |                           |                           | 26.7                 | 149                       | 60.7                      | 40.2                 | 167                       | 74.5                      | 52.3                 | 176                       | 87.2                      |                      |                           |                           |
| 120  |                      |                           |                           | 19.4                 | 137                       | 55.0                      | 35.7                 | 160                       | 70.8                      | 48.8                 | 172                       | 82.8                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           | 30.5                 | 153                       | 66.2                      | 45.0                 | 167                       | 78.9                      |                      |                           |                           |
| 130  |                      |                           |                           |                      |                           |                           | 24.4                 | 142                       | 61.5                      | 40.9                 | 162                       | 75.2                      |                      |                           |                           |
| 135  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 36.4                 | 155                       | 71.2                      |                      |                           |                           |
| 140  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.4                 | 148                       | 67.7                      |                      |                           |                           |
| 145  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.5                 | 138                       | 64.1                      |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.7                 | 125                       | 60.5                      |                      |                           |                           |
| 163  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 133                       | 52.5                      |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.8                 | 130                       | 51.7                      |
| 170  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.1                 | 120                       | 49.8                      |
| 175  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.4                 | 111                       | 48.1                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs]: 273.4  
Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|--|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|  | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 95 ft Main boom<br>115 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 38   | 78.0                 | 217                                | 127.9                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 40   | 76.8                 | 216                                | 126.5                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 45   | 74.2                 | 215                                | 120.1                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50   | 71.5                 | 213                                | 113.4                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55   | 68.9                 | 211                                | 108.3                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 56   |                      |                                    |                                    | 73.0                 | 213                                | 115.8                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60   | 66.2                 | 209                                | 101.9                              | 70.7                 | 212                                | 113.0                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   | 63.4                 | 207                                | 96.9                               | 68.0                 | 210                                | 107.5                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70   | 60.5                 | 204                                | 92.2                               | 65.3                 | 207                                | 101.4                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 75   | 57.6                 | 201                                | 86.4                               | 62.5                 | 205                                | 96.7                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 80   | 54.5                 | 197                                | 81.5                               | 59.6                 | 202                                | 91.4                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 84   |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 204                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 85   | 51.4                 | 193                                | 77.6                               | 56.7                 | 199                                | 85.9                               | 64.3                 | 204                                | 101.2                              |                      |                                    |                                    |                      |                                    |                                    |
| 90   | 48.1                 | 189                                | 73.3                               | 53.6                 | 195                                | 81.4                               | 61.5                 | 201                                | 96.8                               |                      |                                    |                                    |                      |                                    |                                    |
| 95   | 44.6                 | 184                                | 69.0                               | 50.4                 | 191                                | 77.4                               | 58.6                 | 198                                | 92.3                               |                      |                                    |                                    |                      |                                    |                                    |
| 100  | 40.8                 | 178                                | 65.1                               | 47.0                 | 187                                | 72.8                               | 55.6                 | 194                                | 86.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 105  | 36.8                 | 172                                | 61.7                               | 43.4                 | 181                                | 68.5                               | 52.5                 | 191                                | 81.5                               |                      |                                    |                                    |                      |                                    |                                    |
| 110  | 32.3                 | 164                                | 57.8                               | 39.6                 | 176                                | 64.8                               | 49.2                 | 187                                | 77.5                               |                      |                                    |                                    |                      |                                    |                                    |
| 115  | 27.1                 | 155                                | 53.0                               | 35.4                 | 169                                | 61.5                               | 45.8                 | 182                                | 72.6                               |                      |                                    |                                    |                      |                                    |                                    |
| 116  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 188                                | 66.4                               |                      |                                    |                                    |
| 120  | 20.7                 | 144                                | 48.1                               | 30.7                 | 161                                | 57.2                               | 42.1                 | 176                                | 68.3                               | 53.0                 | 185                                | 82.4                               |                      |                                    |                                    |
| 125  |                      |                                    |                                    | 25.3                 | 151                                | 52.9                               | 38.2                 | 170                                | 64.5                               | 49.8                 | 181                                | 77.7                               |                      |                                    |                                    |
| 130  |                      |                                    |                                    | 18.3                 | 138                                | 48.6                               | 33.9                 | 163                                | 61.2                               | 46.4                 | 176                                | 74.0                               |                      |                                    |                                    |
| 135  |                      |                                    |                                    |                      |                                    |                                    | 29.0                 | 155                                | 57.6                               | 42.7                 | 171                                | 69.2                               |                      |                                    |                                    |
| 140  |                      |                                    |                                    |                      |                                    |                                    | 23.1                 | 144                                | 54.1                               | 38.8                 | 165                                | 65.3                               |                      |                                    |                                    |
| 145  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 34.6                 | 158                                | 62.3                               |                      |                                    |                                    |
| 150  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 29.8                 | 150                                | 59.4                               |                      |                                    |                                    |
| 155  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 24.1                 | 140                                | 56.5                               |                      |                                    |                                    |
| 160  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 16.6                 | 126                                | 53.6                               |                      |                                    |                                    |
| 171  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 139                                | 49.1                               |
| 175  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 31.1                 | 132                                | 47.7                               |
| 180  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 26.7                 | 124                                | 46.1                               |
| 185  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 20.1                 | 112                                | 44.5                               |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>125 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 78.0                 | 226                       | 115.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 77.8                 | 226                       | 115.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 75.4                 | 225                       | 111.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 73.1                 | 224                       | 106.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 70.6                 | 222                       | 101.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 59   |                      |                           |                           | 73.0                 | 222                       | 105.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 68.2                 | 220                       | 97.0                      | 72.3                 | 222                       | 105.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 65.6                 | 218                       | 91.7                      | 69.9                 | 220                       | 100.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 63.1                 | 215                       | 87.5                      | 67.4                 | 218                       | 96.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 60.4                 | 212                       | 83.3                      | 64.9                 | 216                       | 91.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 57.7                 | 209                       | 78.1                      | 62.3                 | 213                       | 87.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 55.0                 | 206                       | 73.7                      | 59.6                 | 210                       | 82.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 88   |                      |                           |                           |                      |                           |                           | 65.0                 | 213                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 90   | 52.1                 | 202                       | 70.0                      | 56.9                 | 207                       | 77.6                      | 64.0                 | 212                       | 91.9                      |                      |                           |                           |                      |                           |                           |
| 95   | 49.1                 | 198                       | 66.6                      | 54.1                 | 204                       | 73.5                      | 61.4                 | 209                       | 87.2                      |                      |                           |                           |                      |                           |                           |
| 100  | 45.9                 | 193                       | 63.0                      | 51.1                 | 200                       | 70.1                      | 58.7                 | 206                       | 83.0                      |                      |                           |                           |                      |                           |                           |
| 105  | 42.5                 | 188                       | 59.6                      | 48.1                 | 195                       | 66.3                      | 55.9                 | 203                       | 78.1                      |                      |                           |                           |                      |                           |                           |
| 110  | 39.0                 | 182                       | 56.6                      | 44.9                 | 190                       | 62.7                      | 53.1                 | 199                       | 73.9                      |                      |                           |                           |                      |                           |                           |
| 115  | 35.1                 | 175                       | 54.1                      | 41.5                 | 185                       | 59.5                      | 50.1                 | 195                       | 70.7                      |                      |                           |                           |                      |                           |                           |
| 120  | 30.7                 | 167                       | 50.5                      | 37.8                 | 179                       | 56.7                      | 47.0                 | 191                       | 66.8                      |                      |                           |                           |                      |                           |                           |
| 122  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 196                       | 66.4                      |                      |                           |                           |
| 125  | 25.8                 | 157                       | 46.8                      | 33.8                 | 172                       | 53.8                      | 43.7                 | 186                       | 63.2                      | 53.5                 | 194                       | 75.9                      |                      |                           |                           |
| 130  | 19.6                 | 145                       | 43.0                      | 29.3                 | 163                       | 50.4                      | 40.2                 | 180                       | 60.1                      | 50.6                 | 190                       | 71.8                      |                      |                           |                           |
| 135  |                      |                           |                           | 24.0                 | 153                       | 47.0                      | 36.5                 | 173                       | 57.4                      | 47.5                 | 185                       | 68.3                      |                      |                           |                           |
| 140  |                      |                           |                           | 17.2                 | 139                       | 43.6                      | 32.3                 | 166                       | 54.5                      | 44.2                 | 180                       | 64.7                      |                      |                           |                           |
| 145  |                      |                           |                           |                      |                           |                           | 27.6                 | 157                       | 51.5                      | 40.8                 | 175                       | 61.0                      |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           | 21.9                 | 146                       | 48.5                      | 37.1                 | 168                       | 58.1                      |                      |                           |                           |
| 155  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.0                 | 161                       | 55.7                      |                      |                           |                           |
| 160  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.4                 | 152                       | 53.3                      |                      |                           |                           |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.9                 | 141                       | 50.8                      |                      |                           |                           |
| 170  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.4                 | 130                       | 33.4                      |                      |                           |                           |
| 179  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 144                       | 46.3                      |
| 180  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.1                 | 143                       | 46.0                      |
| 185  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.4                 | 136                       | 44.5                      |
| 190  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.3                 | 124                       | 43.0                      |
| 195  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 113                       | 41.6                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|--|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|  | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 95 ft Main boom<br>134 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 42   | 78.0                 | 236                                | 103.7                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 45   | 76.5                 | 235                                | 102.5                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50   | 74.3                 | 234                                | 98.2                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55   | 72.1                 | 232                                | 93.3                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60   | 69.8                 | 230                                | 89.4                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 61   |                      |                                    |                                    | 73.0                 | 232                                | 94.2                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   | 67.5                 | 228                                | 84.9                               | 71.4                 | 231                                | 93.0                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70   | 65.2                 | 226                                | 80.5                               | 69.1                 | 229                                | 88.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 75   | 62.8                 | 224                                | 77.0                               | 66.8                 | 227                                | 84.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 80   | 60.4                 | 221                                | 73.2                               | 64.5                 | 224                                | 80.0                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 85   | 57.9                 | 218                                | 68.7                               | 62.1                 | 222                                | 76.7                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 90   | 55.3                 | 214                                | 64.8                               | 59.6                 | 219                                | 72.4                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 92   |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 222                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 95   | 52.6                 | 210                                | 61.5                               | 57.1                 | 216                                | 68.2                               | 63.6                 | 220                                | 81.1                               |                      |                                    |                                    |                      |                                    |                                    |
| 100  | 49.9                 | 206                                | 58.6                               | 54.5                 | 212                                | 64.6                               | 61.2                 | 218                                | 76.5                               |                      |                                    |                                    |                      |                                    |                                    |
| 105  | 47.0                 | 202                                | 55.6                               | 51.8                 | 208                                | 61.7                               | 58.7                 | 215                                | 72.8                               |                      |                                    |                                    |                      |                                    |                                    |
| 110  | 44.0                 | 197                                | 52.7                               | 49.0                 | 204                                | 58.6                               | 56.2                 | 212                                | 68.6                               |                      |                                    |                                    |                      |                                    |                                    |
| 115  | 40.8                 | 191                                | 50.1                               | 46.1                 | 199                                | 55.5                               | 53.6                 | 208                                | 64.9                               |                      |                                    |                                    |                      |                                    |                                    |
| 120  | 37.3                 | 185                                | 47.8                               | 43.0                 | 194                                | 52.7                               | 50.8                 | 204                                | 62.0                               |                      |                                    |                                    |                      |                                    |                                    |
| 125  | 33.6                 | 178                                | 45.6                               | 39.7                 | 188                                | 50.1                               | 48.0                 | 200                                | 59.0                               |                      |                                    |                                    |                      |                                    |                                    |
| 128  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 204                                | 63.0                               |                      |                                    |                                    |
| 130  | 29.4                 | 169                                | 43.1                               | 36.2                 | 182                                | 47.9                               | 45.0                 | 195                                | 55.9                               | 54.0                 | 202                                | 66.3                               |                      |                                    |                                    |
| 135  | 24.6                 | 159                                | 40.5                               | 32.3                 | 174                                | 45.6                               | 41.9                 | 189                                | 53.1                               | 51.3                 | 198                                | 63.3                               |                      |                                    |                                    |
| 140  | 18.6                 | 146                                | 38.0                               | 28.0                 | 165                                | 43.2                               | 38.5                 | 183                                | 50.6                               | 48.5                 | 194                                | 60.1                               |                      |                                    |                                    |
| 145  |                      |                                    |                                    | 22.9                 | 154                                | 40.7                               | 34.9                 | 176                                | 48.5                               | 45.5                 | 189                                | 57.5                               |                      |                                    |                                    |
| 150  |                      |                                    |                                    | 17.9                 | 144                                | 33.4                               | 30.9                 | 168                                | 46.2                               | 42.4                 | 184                                | 54.5                               |                      |                                    |                                    |
| 155  |                      |                                    |                                    |                      |                                    |                                    | 26.3                 | 159                                | 44.0                               | 39.1                 | 178                                | 51.9                               |                      |                                    |                                    |
| 160  |                      |                                    |                                    |                      |                                    |                                    | 20.8                 | 147                                | 41.7                               | 35.5                 | 171                                | 49.7                               |                      |                                    |                                    |
| 165  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 31.6                 | 163                                | 47.7                               |                      |                                    |                                    |
| 170  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 27.1                 | 154                                | 45.7                               |                      |                                    |                                    |
| 175  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 21.8                 | 143                                | 43.6                               |                      |                                    |                                    |
| 180  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 16.5                 | 131                                | 33.4                               |                      |                                    |                                    |
| 187  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 150                                | 43.4                               |
| 190  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 32.6                 | 145                                | 42.6                               |
| 195  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 29.1                 | 138                                | 41.3                               |
| 200  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 24.2                 | 128                                | 40.0                               |
| 205  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 18.1                 | 114                                | 38.7                               |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|--|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|  | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 95 ft Main boom<br>144 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 44   | 78.0                 | 246                                | 95.0                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 45   | 77.5                 | 245                                | 95.0                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50   | 75.4                 | 244                                | 91.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55   | 73.4                 | 242                                | 87.9                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60   | 71.3                 | 241                                | 83.5                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 64   |                      |                                    |                                    | 73.0                 | 241                                | 85.9                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   | 69.1                 | 239                                | 80.4                               | 72.7                 | 241                                | 85.9                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70   | 67.0                 | 237                                | 75.9                               | 70.6                 | 239                                | 83.3                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 75   | 64.8                 | 235                                | 72.1                               | 68.5                 | 237                                | 79.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 80   | 62.6                 | 232                                | 69.1                               | 66.3                 | 235                                | 75.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 85   | 60.3                 | 229                                | 65.6                               | 64.1                 | 233                                | 71.7                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 90   | 58.0                 | 226                                | 61.7                               | 61.9                 | 230                                | 68.8                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 95   | 55.6                 | 223                                | 58.2                               | 59.6                 | 227                                | 64.9                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 96   |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 231                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 100  | 53.1                 | 219                                | 55.2                               | 57.2                 | 224                                | 61.2                               | 63.4                 | 229                                | 72.6                               |                      |                                    |                                    |                      |                                    |                                    |
| 105  | 50.6                 | 215                                | 52.7                               | 54.8                 | 221                                | 58.0                               | 61.1                 | 226                                | 68.5                               |                      |                                    |                                    |                      |                                    |                                    |
| 110  | 47.9                 | 211                                | 50.1                               | 52.3                 | 217                                | 55.4                               | 58.8                 | 223                                | 65.2                               |                      |                                    |                                    |                      |                                    |                                    |
| 115  | 45.2                 | 206                                | 47.5                               | 49.8                 | 213                                | 52.7                               | 56.4                 | 220                                | 61.6                               |                      |                                    |                                    |                      |                                    |                                    |
| 120  | 42.2                 | 200                                | 45.2                               | 47.1                 | 208                                | 50.0                               | 54.0                 | 216                                | 58.3                               |                      |                                    |                                    |                      |                                    |                                    |
| 125  | 39.2                 | 194                                | 43.0                               | 44.3                 | 203                                | 47.5                               | 51.5                 | 213                                | 55.6                               |                      |                                    |                                    |                      |                                    |                                    |
| 130  | 35.8                 | 188                                | 41.1                               | 41.3                 | 198                                | 45.2                               | 48.8                 | 208                                | 53.1                               |                      |                                    |                                    |                      |                                    |                                    |
| 133  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 212                                | 56.2                               |                      |                                    |                                    |
| 135  | 32.2                 | 180                                | 39.4                               | 38.2                 | 192                                | 43.1                               | 46.1                 | 204                                | 50.4                               | 54.4                 | 211                                | 58.9                               |                      |                                    |                                    |
| 140  | 28.2                 | 171                                | 37.6                               | 34.8                 | 185                                | 41.3                               | 43.3                 | 198                                | 47.8                               | 51.9                 | 207                                | 56.9                               |                      |                                    |                                    |
| 145  | 23.5                 | 161                                | 35.8                               | 31.0                 | 177                                | 39.5                               | 40.2                 | 193                                | 45.6                               | 49.3                 | 203                                | 53.9                               |                      |                                    |                                    |
| 150  | 17.7                 | 147                                | 34.0                               | 26.8                 | 167                                | 37.7                               | 37.0                 | 186                                | 43.6                               | 46.6                 | 198                                | 51.8                               |                      |                                    |                                    |
| 155  |                      |                                    |                                    | 21.9                 | 156                                | 35.9                               | 33.5                 | 179                                | 41.8                               | 43.7                 | 193                                | 49.2                               |                      |                                    |                                    |
| 160  |                      |                                    |                                    | 17.1                 | 144                                | 30.7                               | 29.6                 | 171                                | 40.0                               | 40.7                 | 187                                | 46.8                               |                      |                                    |                                    |
| 165  |                      |                                    |                                    |                      |                                    |                                    | 25.2                 | 161                                | 38.2                               | 37.5                 | 181                                | 44.8                               |                      |                                    |                                    |
| 170  |                      |                                    |                                    |                      |                                    |                                    | 19.9                 | 148                                | 36.4                               | 34.1                 | 174                                | 43.0                               |                      |                                    |                                    |
| 175  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 30.3                 | 166                                | 41.3                               |                      |                                    |                                    |
| 180  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 26.0                 | 156                                | 39.5                               |                      |                                    |                                    |
| 185  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 20.8                 | 144                                | 37.7                               |                      |                                    |                                    |
| 190  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 15.7                 | 132                                | 32.4                               |                      |                                    |                                    |
| 195  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 156                                | 41.0                               |
| 200  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 32.0                 | 149                                | 39.8                               |
| 205  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 27.1                 | 138                                | 38.5                               |
| 210  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 23.2                 | 129                                | 37.4                               |
| 215  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 18.6                 | 119                                | 33.4                               |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs]: 273.4  
Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|--|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|  | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 95 ft Main boom<br>154 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 46   | 78.0                 | 255                                | 85.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50   | 76.4                 | 254                                | 84.5                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55   | 74.5                 | 253                                | 81.2                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60   | 72.5                 | 251                                | 78.2                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   | 70.5                 | 250                                | 75.5                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 67   |                      |                                    |                                    | 73.0                 | 251                                | 78.1                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70   | 68.5                 | 248                                | 73.2                               | 71.9                 | 250                                | 78.0                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 75   | 66.5                 | 245                                | 70.3                               | 69.9                 | 248                                | 75.2                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 80   | 64.5                 | 243                                | 67.9                               | 67.9                 | 246                                | 73.1                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 85   | 62.4                 | 240                                | 66.0                               | 65.9                 | 244                                | 70.1                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 90   | 60.3                 | 238                                | 63.4                               | 63.8                 | 241                                | 67.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 95   | 58.1                 | 235                                | 60.4                               | 61.7                 | 239                                | 65.6                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 100  | 55.8                 | 231                                | 57.7                               | 59.6                 | 236                                | 62.7                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 100  |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 240                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 105  | 53.5                 | 228                                | 55.3                               | 57.4                 | 233                                | 59.8                               | 63.1                 | 238                                | 67.7                               |                      |                                    |                                    |                      |                                    |                                    |
| 110  | 51.2                 | 224                                | 53.3                               | 55.1                 | 229                                | 57.4                               | 61.0                 | 235                                | 65.2                               |                      |                                    |                                    |                      |                                    |                                    |
| 115  | 48.7                 | 219                                | 51.0                               | 52.8                 | 226                                | 55.3                               | 58.8                 | 232                                | 63.3                               |                      |                                    |                                    |                      |                                    |                                    |
| 120  | 46.2                 | 215                                | 48.5                               | 50.4                 | 222                                | 53.2                               | 56.6                 | 229                                | 60.3                               |                      |                                    |                                    |                      |                                    |                                    |
| 125  | 43.5                 | 210                                | 46.1                               | 48.0                 | 217                                | 50.5                               | 54.3                 | 225                                | 57.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 130  | 40.7                 | 204                                | 43.9                               | 45.4                 | 212                                | 48.0                               | 52.0                 | 221                                | 55.0                               |                      |                                    |                                    |                      |                                    |                                    |
| 135  | 37.7                 | 198                                | 42.0                               | 42.7                 | 207                                | 45.7                               | 49.6                 | 217                                | 53.0                               |                      |                                    |                                    |                      |                                    |                                    |
| 139  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 220                                | 57.1                               |                      |                                    |                                    |
| 140  | 34.5                 | 191                                | 40.2                               | 39.8                 | 201                                | 43.6                               | 47.1                 | 212                                | 50.3                               | 54.7                 | 219                                | 57.7                               |                      |                                    |                                    |
| 145  | 31.0                 | 183                                | 38.0                               | 36.8                 | 195                                | 41.8                               | 44.4                 | 208                                | 47.7                               | 52.4                 | 216                                | 56.1                               |                      |                                    |                                    |
| 150  | 27.1                 | 173                                | 35.9                               | 33.5                 | 187                                | 39.9                               | 41.7                 | 202                                | 45.4                               | 50.0                 | 211                                | 53.2                               |                      |                                    |                                    |
| 155  | 22.6                 | 162                                | 33.7                               | 29.9                 | 179                                | 37.9                               | 38.8                 | 196                                | 43.4                               | 47.5                 | 207                                | 50.8                               |                      |                                    |                                    |
| 160  | 16.9                 | 148                                | 31.4                               | 25.8                 | 169                                | 35.8                               | 35.7                 | 189                                | 41.6                               | 44.9                 | 202                                | 48.5                               |                      |                                    |                                    |
| 165  |                      |                                    |                                    | 21.0                 | 157                                | 33.8                               | 32.3                 | 182                                | 39.9                               | 42.1                 | 197                                | 46.2                               |                      |                                    |                                    |
| 170  |                      |                                    |                                    | 16.3                 | 145                                | 30.5                               | 28.5                 | 173                                | 38.1                               | 39.2                 | 191                                | 44.1                               |                      |                                    |                                    |
| 175  |                      |                                    |                                    |                      |                                    |                                    | 24.2                 | 162                                | 36.4                               | 36.2                 | 184                                | 42.3                               |                      |                                    |                                    |
| 180  |                      |                                    |                                    |                      |                                    |                                    | 19.0                 | 149                                | 34.6                               | 32.8                 | 177                                | 40.8                               |                      |                                    |                                    |
| 185  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 29.1                 | 168                                | 39.2                               |                      |                                    |                                    |
| 190  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 25.0                 | 158                                | 37.7                               |                      |                                    |                                    |
| 195  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 19.9                 | 145                                | 36.1                               |                      |                                    |                                    |
| 203  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 161                                | 38.6                               |
| 205  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 33.7                 | 158                                | 38.1                               |
| 210  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 30.1                 | 150                                | 37.0                               |
| 215  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 26.8                 | 142                                | 35.9                               |
| 220  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 21.2                 | 128                                | 34.8                               |
| 225  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 17.8                 | 120                                | 33.4                               |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|--|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|  | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 95 ft Main boom<br>164 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 48   | 78.0                 | 265                                | 78.8                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50   | 77.2                 | 264                                | 78.8                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55   | 75.4                 | 263                                | 76.5                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60   | 73.6                 | 262                                | 74.4                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   | 71.8                 | 260                                | 72.2                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70   | 69.9                 | 258                                | 70.5                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70   |                      |                                    |                                    | 73.0                 | 260                                | 72.8                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 75   | 68.0                 | 256                                | 68.8                               | 71.2                 | 258                                | 72.1                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 80   | 66.1                 | 254                                | 67.1                               | 69.3                 | 257                                | 70.2                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 85   | 64.2                 | 252                                | 65.7                               | 67.4                 | 255                                | 68.7                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 90   | 62.2                 | 249                                | 64.5                               | 65.5                 | 252                                | 66.8                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 95   | 60.2                 | 246                                | 62.6                               | 63.6                 | 250                                | 65.3                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 100  | 58.2                 | 243                                | 60.1                               | 61.6                 | 247                                | 64.1                               |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 104  |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 249                                | 65.1                               |                      |                                    |                                    |                      |                                    |                                    |
| 105  | 55.9                 | 240                                | 57.9                               | 59.6                 | 244                                | 61.8                               | 64.8                 | 248                                | 65.7                               |                      |                                    |                                    |                      |                                    |                                    |
| 110  | 53.7                 | 236                                | 56.3                               | 57.5                 | 241                                | 59.5                               | 62.9                 | 246                                | 65.1                               |                      |                                    |                                    |                      |                                    |                                    |
| 115  | 51.5                 | 232                                | 54.9                               | 55.2                 | 238                                | 57.7                               | 60.9                 | 243                                | 63.7                               |                      |                                    |                                    |                      |                                    |                                    |
| 120  | 49.2                 | 228                                | 53.0                               | 53.1                 | 234                                | 56.4                               | 58.9                 | 240                                | 62.5                               |                      |                                    |                                    |                      |                                    |                                    |
| 125  | 46.8                 | 223                                | 50.5                               | 50.8                 | 230                                | 55.0                               | 56.8                 | 237                                | 60.1                               |                      |                                    |                                    |                      |                                    |                                    |
| 130  | 44.3                 | 218                                | 48.1                               | 48.5                 | 225                                | 52.3                               | 54.5                 | 233                                | 57.5                               |                      |                                    |                                    |                      |                                    |                                    |
| 135  | 41.7                 | 212                                | 45.8                               | 46.0                 | 221                                | 49.7                               | 52.3                 | 229                                | 55.7                               |                      |                                    |                                    |                      |                                    |                                    |
| 140  | 38.9                 | 206                                | 43.8                               | 43.5                 | 215                                | 47.3                               | 50.0                 | 225                                | 54.2                               |                      |                                    |                                    |                      |                                    |                                    |
| 145  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 228                                | 57.8                               |                      |                                    |                                    |
| 145  | 36.0                 | 200                                | 42.0                               | 40.8                 | 210                                | 45.1                               | 47.6                 | 221                                | 51.6                               | 54.8                 | 228                                | 57.8                               |                      |                                    |                                    |
| 150  | 32.8                 | 192                                | 39.8                               | 38.0                 | 203                                | 43.2                               | 45.2                 | 216                                | 49.0                               | 52.6                 | 224                                | 56.9                               |                      |                                    |                                    |
| 155  | 29.3                 | 184                                | 37.2                               | 35.0                 | 196                                | 41.3                               | 42.6                 | 210                                | 46.6                               | 50.4                 | 220                                | 54.1                               |                      |                                    |                                    |
| 160  | 25.4                 | 173                                | 34.6                               | 31.8                 | 189                                | 39.1                               | 39.9                 | 205                                | 44.4                               | 48.0                 | 215                                | 51.3                               |                      |                                    |                                    |
| 165  | 21.7                 | 164                                | 32.1                               | 28.2                 | 180                                | 36.8                               | 37.0                 | 198                                | 42.5                               | 45.6                 | 210                                | 49.1                               |                      |                                    |                                    |
| 170  | 16.1                 | 149                                | 29.6                               | 24.8                 | 171                                | 34.6                               | 33.9                 | 191                                | 40.8                               | 43.0                 | 205                                | 46.7                               |                      |                                    |                                    |
| 175  |                      |                                    |                                    | 20.2                 | 159                                | 32.4                               | 30.6                 | 183                                | 39.0                               | 40.3                 | 199                                | 44.6                               |                      |                                    |                                    |
| 180  |                      |                                    |                                    |                      |                                    |                                    | 26.8                 | 173                                | 37.1                               | 37.5                 | 193                                | 42.7                               |                      |                                    |                                    |
| 185  |                      |                                    |                                    |                      |                                    |                                    | 22.5                 | 162                                | 35.3                               | 34.4                 | 186                                | 41.1                               |                      |                                    |                                    |
| 190  |                      |                                    |                                    |                      |                                    |                                    | 17.1                 | 147                                | 33.4                               | 31.1                 | 178                                | 39.6                               |                      |                                    |                                    |
| 195  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 27.4                 | 168                                | 38.2                               |                      |                                    |                                    |
| 200  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 23.2                 | 158                                | 36.7                               |                      |                                    |                                    |
| 205  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 18.0                 | 144                                | 35.2                               |                      |                                    |                                    |
| 211  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 167                                | 36.6                               |
| 215  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 33.1                 | 162                                | 35.8                               |
| 220  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 29.0                 | 152                                | 34.7                               |
| 225  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 25.1                 | 142                                | 33.7                               |
| 230  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 22.4                 | 135                                | 32.8                               |
| 235  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 17.1                 | 121                                | 31.9                               |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>174 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 78.0                 | 274                       | 71.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 77.9                 | 274                       | 71.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 76.3                 | 273                       | 70.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 74.5                 | 272                       | 68.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 72.8                 | 270                       | 66.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 71.1                 | 269                       | 65.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 73   |                      |                           |                           | 73.0                 | 270                       | 66.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 69.3                 | 267                       | 63.8                      | 72.3                 | 269                       | 66.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 67.5                 | 265                       | 62.3                      | 70.5                 | 267                       | 64.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 65.7                 | 262                       | 60.9                      | 68.8                 | 265                       | 63.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 63.9                 | 260                       | 59.7                      | 67.0                 | 263                       | 62.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 62.1                 | 258                       | 58.7                      | 65.2                 | 261                       | 60.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 60.2                 | 255                       | 57.1                      | 63.3                 | 258                       | 59.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 58.2                 | 252                       | 55.2                      | 61.5                 | 256                       | 58.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 109  |                      |                           |                           |                      |                           |                           | 65.0                 | 258                       | 59.2                      |                      |                           |                           |                      |                           |                           |
| 110  | 56.1                 | 248                       | 53.4                      | 59.6                 | 253                       | 56.5                      | 64.6                 | 257                       | 59.8                      |                      |                           |                           |                      |                           |                           |
| 115  | 54.1                 | 244                       | 52.1                      | 57.6                 | 250                       | 54.8                      | 62.7                 | 254                       | 59.2                      |                      |                           |                           |                      |                           |                           |
| 120  | 52.0                 | 241                       | 50.9                      | 55.5                 | 246                       | 53.3                      | 60.8                 | 252                       | 58.0                      |                      |                           |                           |                      |                           |                           |
| 125  | 49.8                 | 236                       | 49.7                      | 53.4                 | 242                       | 52.2                      | 58.9                 | 249                       | 57.1                      |                      |                           |                           |                      |                           |                           |
| 130  | 47.6                 | 232                       | 47.4                      | 51.3                 | 238                       | 51.3                      | 56.9                 | 246                       | 55.2                      |                      |                           |                           |                      |                           |                           |
| 135  | 45.3                 | 227                       | 45.2                      | 49.1                 | 234                       | 49.0                      | 54.9                 | 242                       | 53.1                      |                      |                           |                           |                      |                           |                           |
| 140  | 42.9                 | 222                       | 43.2                      | 46.9                 | 230                       | 46.7                      | 52.7                 | 238                       | 51.6                      |                      |                           |                           |                      |                           |                           |
| 145  | 40.3                 | 216                       | 41.2                      | 44.5                 | 224                       | 44.6                      | 50.6                 | 234                       | 50.4                      |                      |                           |                           |                      |                           |                           |
| 150  | 37.6                 | 210                       | 39.5                      | 42.1                 | 219                       | 42.6                      | 48.4                 | 230                       | 48.4                      |                      |                           |                           |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 236                       | 52.6                      |                      |                           |                           |
| 155  | 34.8                 | 202                       | 38.0                      | 39.5                 | 213                       | 40.7                      | 46.1                 | 225                       | 46.1                      | 53.2                 | 233                       | 52.6                      |                      |                           |                           |
| 160  | 31.7                 | 195                       | 35.8                      | 36.8                 | 206                       | 39.1                      | 43.7                 | 220                       | 43.9                      | 50.9                 | 228                       | 50.5                      |                      |                           |                           |
| 165  | 28.3                 | 186                       | 33.5                      | 33.9                 | 199                       | 37.3                      | 41.2                 | 214                       | 41.8                      | 48.7                 | 224                       | 48.0                      |                      |                           |                           |
| 170  | 25.2                 | 177                       | 31.3                      | 30.7                 | 191                       | 35.3                      | 38.6                 | 208                       | 40.0                      | 46.4                 | 219                       | 46.2                      |                      |                           |                           |
| 175  | 20.9                 | 165                       | 29.1                      | 27.2                 | 182                       | 33.3                      | 35.8                 | 201                       | 38.4                      | 44.1                 | 214                       | 44.0                      |                      |                           |                           |
| 180  | 16.8                 | 153                       | 26.6                      | 24.0                 | 173                       | 31.4                      | 32.8                 | 194                       | 36.9                      | 41.6                 | 209                       | 42.0                      |                      |                           |                           |
| 185  |                      |                           |                           | 19.4                 | 160                       | 29.4                      | 29.5                 | 185                       | 35.3                      | 39.0                 | 202                       | 40.2                      |                      |                           |                           |
| 190  |                      |                           |                           |                      |                           |                           | 25.9                 | 175                       | 33.8                      | 36.2                 | 196                       | 38.6                      |                      |                           |                           |
| 195  |                      |                           |                           |                      |                           |                           | 21.6                 | 163                       | 32.2                      | 33.3                 | 188                       | 37.3                      |                      |                           |                           |
| 200  |                      |                           |                           |                      |                           |                           | 18.7                 | 155                       | 30.9                      | 30.1                 | 180                       | 36.0                      |                      |                           |                           |
| 205  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.5                 | 170                       | 34.7                      |                      |                           |                           |
| 210  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.4                 | 159                       | 33.4                      |                      |                           |                           |
| 215  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 151                       | 32.5                      |                      |                           |                           |
| 219  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 172                       | 34.4                      |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 171                       | 34.3                      |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.7                 | 167                       | 33.4                      |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 158                       | 32.4                      |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.8                 | 148                       | 31.5                      |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.6                 | 136                       | 30.6                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 122                       | 29.8                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>184 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 52   | 78.0                 | 284                       | 65.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 77.0                 | 283                       | 65.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 75.4                 | 282                       | 63.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 73.8                 | 281                       | 62.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 72.1                 | 279                       | 60.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 70.5                 | 277                       | 59.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 76   |                      |                           |                           | 73.0                 | 279                       | 60.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 68.8                 | 275                       | 58.3                      | 71.6                 | 278                       | 60.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 67.1                 | 273                       | 57.0                      | 70.0                 | 276                       | 59.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 65.4                 | 271                       | 55.8                      | 68.3                 | 274                       | 58.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 63.7                 | 269                       | 54.8                      | 66.6                 | 272                       | 56.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 61.9                 | 266                       | 54.0                      | 64.9                 | 269                       | 55.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 60.1                 | 263                       | 52.6                      | 63.1                 | 267                       | 54.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 58.3                 | 260                       | 51.1                      | 61.4                 | 264                       | 53.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 113  |                      |                           |                           |                      |                           |                           | 65.0                 | 266                       | 54.3                      |                      |                           |                           |                      |                           |                           |
| 115  | 56.3                 | 257                       | 49.6                      | 59.6                 | 261                       | 52.3                      | 64.3                 | 266                       | 55.1                      |                      |                           |                           |                      |                           |                           |
| 120  | 54.4                 | 253                       | 48.6                      | 57.7                 | 258                       | 50.8                      | 62.5                 | 263                       | 54.5                      |                      |                           |                           |                      |                           |                           |
| 125  | 52.4                 | 249                       | 47.7                      | 55.7                 | 255                       | 49.7                      | 60.7                 | 260                       | 53.4                      |                      |                           |                           |                      |                           |                           |
| 130  | 50.4                 | 245                       | 46.9                      | 53.8                 | 251                       | 48.8                      | 58.9                 | 257                       | 52.6                      |                      |                           |                           |                      |                           |                           |
| 135  | 48.3                 | 241                       | 44.9                      | 51.8                 | 247                       | 48.0                      | 57.1                 | 254                       | 51.2                      |                      |                           |                           |                      |                           |                           |
| 140  | 46.1                 | 236                       | 42.9                      | 49.7                 | 243                       | 46.4                      | 55.2                 | 251                       | 49.5                      |                      |                           |                           |                      |                           |                           |
| 145  | 43.9                 | 231                       | 41.0                      | 47.6                 | 238                       | 44.3                      | 53.1                 | 247                       | 48.1                      |                      |                           |                           |                      |                           |                           |
| 150  | 41.5                 | 225                       | 39.2                      | 45.4                 | 233                       | 42.3                      | 51.1                 | 243                       | 47.2                      |                      |                           |                           |                      |                           |                           |
| 155  | 39.1                 | 219                       | 37.6                      | 43.2                 | 228                       | 40.5                      | 49.0                 | 238                       | 45.9                      |                      |                           |                           |                      |                           |                           |
| 156  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 244                       | 48.4                      |                      |                           |                           |
| 160  | 36.5                 | 212                       | 36.1                      | 40.8                 | 222                       | 38.8                      | 46.9                 | 234                       | 43.7                      | 53.6                 | 241                       | 49.1                      |                      |                           |                           |
| 165  | 33.7                 | 205                       | 34.6                      | 38.3                 | 216                       | 37.2                      | 44.7                 | 229                       | 41.7                      | 51.4                 | 237                       | 47.4                      |                      |                           |                           |
| 170  | 30.7                 | 197                       | 32.6                      | 35.6                 | 209                       | 35.8                      | 42.4                 | 223                       | 39.8                      | 49.3                 | 233                       | 45.3                      |                      |                           |                           |
| 175  | 27.4                 | 188                       | 30.6                      | 32.8                 | 202                       | 34.1                      | 39.9                 | 217                       | 38.1                      | 47.2                 | 228                       | 43.6                      |                      |                           |                           |
| 180  | 24.4                 | 179                       | 28.7                      | 29.7                 | 193                       | 32.3                      | 37.4                 | 211                       | 36.5                      | 45.0                 | 223                       | 41.9                      |                      |                           |                           |
| 185  | 20.2                 | 166                       | 26.7                      | 26.9                 | 185                       | 30.6                      | 34.7                 | 204                       | 35.2                      | 42.7                 | 218                       | 40.0                      |                      |                           |                           |
| 190  | 16.1                 | 154                       | 24.8                      | 24.0                 | 177                       | 28.8                      | 31.8                 | 196                       | 33.8                      | 40.3                 | 212                       | 38.3                      |                      |                           |                           |
| 195  |                      |                           |                           | 19.7                 | 164                       | 27.4                      | 28.6                 | 187                       | 32.4                      | 37.8                 | 206                       | 36.7                      |                      |                           |                           |
| 200  |                      |                           |                           |                      |                           |                           | 25.0                 | 177                       | 31.1                      | 35.1                 | 199                       | 35.4                      |                      |                           |                           |
| 205  |                      |                           |                           |                      |                           |                           | 22.6                 | 170                       | 29.8                      | 32.2                 | 191                       | 34.3                      |                      |                           |                           |
| 210  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.1                 | 182                       | 33.1                      |                      |                           |                           |
| 215  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 172                       | 32.0                      |                      |                           |                           |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.3                 | 165                       | 31.2                      |                      |                           |                           |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.8                 | 152                       | 30.5                      |                      |                           |                           |
| 227  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 178                       | 32.6                      |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.5                 | 177                       | 32.2                      |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.6                 | 169                       | 31.3                      |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 160                       | 30.4                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.9                 | 150                       | 29.6                      |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 138                       | 28.8                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>194 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 54   | 78.0                 | 294                       | 58.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 77.7                 | 294                       | 58.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 76.2                 | 292                       | 57.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 74.7                 | 291                       | 56.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 73.1                 | 289                       | 54.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 71.5                 | 288                       | 53.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 79   |                      |                           |                           | 73.0                 | 288                       | 54.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 69.9                 | 286                       | 52.5                      | 72.6                 | 288                       | 54.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 68.3                 | 284                       | 51.5                      | 71.0                 | 286                       | 53.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 66.7                 | 282                       | 50.3                      | 69.4                 | 284                       | 52.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 65.1                 | 280                       | 49.2                      | 67.8                 | 282                       | 51.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 63.4                 | 277                       | 48.4                      | 66.2                 | 280                       | 50.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 61.7                 | 274                       | 47.7                      | 64.6                 | 278                       | 49.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 60.0                 | 272                       | 46.7                      | 62.9                 | 275                       | 48.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 58.3                 | 268                       | 45.7                      | 61.2                 | 272                       | 47.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 117  |                      |                           |                           |                      |                           |                           | 65.0                 | 276                       | 48.8                      |                      |                           |                           |                      |                           |                           |
| 120  | 56.5                 | 265                       | 44.8                      | 59.5                 | 270                       | 46.5                      | 64.0                 | 274                       | 48.8                      |                      |                           |                           |                      |                           |                           |
| 125  | 54.7                 | 262                       | 44.0                      | 57.7                 | 266                       | 45.6                      | 62.3                 | 271                       | 48.0                      |                      |                           |                           |                      |                           |                           |
| 130  | 52.8                 | 258                       | 43.3                      | 55.9                 | 263                       | 44.7                      | 60.6                 | 268                       | 47.1                      |                      |                           |                           |                      |                           |                           |
| 135  | 50.9                 | 254                       | 42.7                      | 54.1                 | 260                       | 44.0                      | 58.9                 | 266                       | 46.4                      |                      |                           |                           |                      |                           |                           |
| 140  | 48.9                 | 249                       | 41.4                      | 52.2                 | 256                       | 43.4                      | 57.1                 | 262                       | 45.5                      |                      |                           |                           |                      |                           |                           |
| 145  | 46.9                 | 245                       | 39.7                      | 50.3                 | 252                       | 42.4                      | 55.3                 | 259                       | 44.5                      |                      |                           |                           |                      |                           |                           |
| 150  | 44.8                 | 240                       | 38.1                      | 48.3                 | 247                       | 40.7                      | 53.4                 | 255                       | 43.7                      |                      |                           |                           |                      |                           |                           |
| 155  | 42.6                 | 234                       | 36.6                      | 46.2                 | 242                       | 39.1                      | 51.5                 | 251                       | 42.9                      |                      |                           |                           |                      |                           |                           |
| 160  | 40.3                 | 229                       | 35.2                      | 44.1                 | 237                       | 37.6                      | 49.6                 | 247                       | 42.2                      |                      |                           |                           |                      |                           |                           |
| 162  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 252                       | 43.2                      |                      |                           |                           |
| 165  | 37.9                 | 222                       | 34.0                      | 41.9                 | 232                       | 36.2                      | 47.6                 | 242                       | 40.5                      | 53.7                 | 250                       | 43.2                      |                      |                           |                           |
| 170  | 35.4                 | 215                       | 32.8                      | 39.6                 | 226                       | 34.9                      | 45.5                 | 238                       | 38.8                      | 51.8                 | 246                       | 42.8                      |                      |                           |                           |
| 175  | 32.7                 | 208                       | 31.3                      | 37.2                 | 219                       | 33.7                      | 43.4                 | 232                       | 37.2                      | 49.9                 | 241                       | 41.5                      |                      |                           |                           |
| 180  | 29.8                 | 199                       | 29.5                      | 35.6                 | 215                       | 32.5                      | 41.1                 | 227                       | 35.8                      | 47.9                 | 237                       | 40.5                      |                      |                           |                           |
| 185  | 26.6                 | 190                       | 27.7                      | 32.9                 | 207                       | 31.1                      | 38.8                 | 221                       | 34.5                      | 45.8                 | 232                       | 39.5                      |                      |                           |                           |
| 190  | 22.9                 | 178                       | 25.9                      | 30.0                 | 199                       | 29.7                      | 37.2                 | 216                       | 33.4                      | 43.7                 | 227                       | 37.7                      |                      |                           |                           |
| 195  | 20.5                 | 171                       | 24.2                      | 26.8                 | 190                       | 28.3                      | 34.6                 | 209                       | 32.9                      | 41.5                 | 221                       | 36.1                      |                      |                           |                           |
| 200  | 15.5                 | 155                       | 22.7                      | 23.3                 | 179                       | 26.9                      | 31.9                 | 202                       | 31.7                      | 39.1                 | 215                       | 34.7                      |                      |                           |                           |
| 205  |                      |                           |                           | 19.1                 | 165                       | 25.4                      | 28.9                 | 193                       | 30.5                      | 37.6                 | 211                       | 33.4                      |                      |                           |                           |
| 210  |                      |                           |                           |                      |                           |                           | 25.7                 | 183                       | 29.3                      | 35.1                 | 204                       | 33.4                      |                      |                           |                           |
| 215  |                      |                           |                           |                      |                           |                           | 21.9                 | 171                       | 28.1                      | 32.4                 | 197                       | 32.6                      |                      |                           |                           |
| 220  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 188                       | 31.5                      |                      |                           |                           |
| 225  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.2                 | 178                       | 30.5                      |                      |                           |                           |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 167                       | 29.4                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.2                 | 153                       | 28.4                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 184                       | 30.8                      |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.5                 | 180                       | 30.0                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.7                 | 172                       | 29.2                      |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.6                 | 162                       | 28.4                      |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.2                 | 152                       | 27.7                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.1                 | 139                       | 26.9                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>203 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 56   | 78.0                 | 303                       | 53.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 76.9                 | 302                       | 53.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 75.4                 | 301                       | 51.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 73.9                 | 300                       | 50.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 72.5                 | 298                       | 49.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 71.0                 | 296                       | 48.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 82   |                      |                           |                           | 73.0                 | 298                       | 49.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 69.4                 | 294                       | 47.6                      | 72.0                 | 297                       | 49.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 67.9                 | 292                       | 46.5                      | 70.5                 | 295                       | 48.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 66.4                 | 290                       | 45.4                      | 69.0                 | 293                       | 47.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 64.8                 | 288                       | 44.5                      | 67.4                 | 291                       | 46.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 63.2                 | 286                       | 43.7                      | 65.9                 | 289                       | 45.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 61.6                 | 283                       | 43.1                      | 64.3                 | 286                       | 44.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 60.0                 | 280                       | 42.3                      | 62.7                 | 284                       | 43.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 58.3                 | 277                       | 41.6                      | 61.1                 | 281                       | 42.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 121  |                      |                           |                           |                      |                           |                           | 65.0                 | 284                       | 44.2                      |                      |                           |                           |                      |                           |                           |
| 125  | 56.6                 | 274                       | 40.9                      | 59.5                 | 278                       | 42.1                      | 63.8                 | 282                       | 44.2                      |                      |                           |                           |                      |                           |                           |
| 130  | 54.9                 | 270                       | 40.3                      | 57.8                 | 275                       | 41.4                      | 62.2                 | 280                       | 43.4                      |                      |                           |                           |                      |                           |                           |
| 135  | 53.1                 | 266                       | 39.7                      | 56.1                 | 272                       | 40.7                      | 60.5                 | 277                       | 42.6                      |                      |                           |                           |                      |                           |                           |
| 140  | 51.3                 | 262                       | 39.3                      | 54.4                 | 268                       | 40.1                      | 58.9                 | 274                       | 42.0                      |                      |                           |                           |                      |                           |                           |
| 145  | 49.5                 | 258                       | 38.4                      | 52.6                 | 264                       | 39.6                      | 57.2                 | 271                       | 41.3                      |                      |                           |                           |                      |                           |                           |
| 150  | 47.6                 | 254                       | 37.0                      | 50.8                 | 260                       | 39.0                      | 55.5                 | 267                       | 40.6                      |                      |                           |                           |                      |                           |                           |
| 155  | 45.6                 | 249                       | 35.7                      | 48.9                 | 256                       | 37.6                      | 53.7                 | 264                       | 40.0                      |                      |                           |                           |                      |                           |                           |
| 160  | 43.5                 | 244                       | 34.4                      | 47.0                 | 251                       | 36.3                      | 51.9                 | 260                       | 39.4                      |                      |                           |                           |                      |                           |                           |
| 165  | 41.4                 | 238                       | 33.2                      | 45.0                 | 246                       | 35.1                      | 50.1                 | 256                       | 39.0                      |                      |                           |                           |                      |                           |                           |
| 167  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 260                       | 39.0                      |                      |                           |                           |
| 170  | 39.2                 | 232                       | 32.1                      | 42.9                 | 241                       | 34.0                      | 48.2                 | 251                       | 37.7                      | 54.0                 | 258                       | 39.0                      |                      |                           |                           |
| 175  | 36.9                 | 225                       | 31.1                      | 40.7                 | 235                       | 32.9                      | 46.3                 | 246                       | 36.3                      | 52.2                 | 254                       | 38.8                      |                      |                           |                           |
| 180  | 34.4                 | 218                       | 30.2                      | 38.5                 | 229                       | 31.9                      | 44.3                 | 242                       | 35.1                      | 50.4                 | 250                       | 38.2                      |                      |                           |                           |
| 185  | 31.8                 | 210                       | 28.6                      | 36.1                 | 222                       | 31.0                      | 42.2                 | 236                       | 33.8                      | 48.5                 | 246                       | 37.7                      |                      |                           |                           |
| 190  | 28.9                 | 202                       | 27.0                      | 33.6                 | 215                       | 29.8                      | 40.0                 | 230                       | 32.7                      | 46.6                 | 241                       | 37.3                      |                      |                           |                           |
| 195  | 25.8                 | 192                       | 25.4                      | 30.9                 | 207                       | 28.4                      | 38.5                 | 226                       | 32.0                      | 44.6                 | 236                       | 35.9                      |                      |                           |                           |
| 200  | 22.2                 | 180                       | 23.8                      | 28.0                 | 198                       | 26.9                      | 36.2                 | 219                       | 31.8                      | 42.5                 | 231                       | 34.4                      |                      |                           |                           |
| 205  | 19.8                 | 172                       | 22.1                      | 24.7                 | 187                       | 25.5                      | 33.7                 | 212                       | 30.8                      | 40.3                 | 225                       | 33.0                      |                      |                           |                           |
| 210  |                      |                           |                           | 22.6                 | 180                       | 24.3                      | 31.0                 | 204                       | 29.7                      | 38.9                 | 221                       | 31.9                      |                      |                           |                           |
| 215  |                      |                           |                           | 18.4                 | 166                       | 23.2                      | 28.1                 | 195                       | 28.5                      | 36.5                 | 214                       | 31.6                      |                      |                           |                           |
| 220  |                      |                           |                           |                      |                           |                           | 24.9                 | 185                       | 27.3                      | 34.1                 | 207                       | 31.2                      |                      |                           |                           |
| 225  |                      |                           |                           |                      |                           |                           | 21.2                 | 173                       | 26.2                      | 31.4                 | 199                       | 30.2                      |                      |                           |                           |
| 230  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.6                 | 190                       | 29.2                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.4                 | 180                       | 28.2                      |                      |                           |                           |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.8                 | 168                       | 27.2                      |                      |                           |                           |
| 244  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 189                       | 29.2                      |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.6                 | 154                       | 26.2                      | 34.2                 | 187                       | 29.0                      |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.6                 | 182                       | 28.3                      |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.8                 | 174                       | 27.5                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.8                 | 164                       | 26.8                      |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.4                 | 154                       | 26.1                      |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 140                       | 25.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>213 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 58   | 78.0                 | 313                       | 49.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 77.5                 | 312                       | 49.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 76.1                 | 311                       | 48.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 74.7                 | 310                       | 47.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 73.3                 | 308                       | 46.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 71.9                 | 307                       | 44.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 84   |                      |                           |                           | 73.0                 | 307                       | 45.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 70.4                 | 305                       | 44.1                      | 72.9                 | 307                       | 45.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 69.0                 | 303                       | 43.4                      | 71.4                 | 305                       | 44.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 67.5                 | 301                       | 42.4                      | 70.0                 | 304                       | 43.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 66.1                 | 299                       | 41.5                      | 68.5                 | 302                       | 42.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 64.6                 | 296                       | 40.7                      | 67.1                 | 300                       | 42.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 63.0                 | 294                       | 40.0                      | 65.6                 | 297                       | 41.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 61.5                 | 291                       | 39.5                      | 64.1                 | 295                       | 40.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 60.0                 | 288                       | 38.7                      | 62.6                 | 292                       | 39.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 58.4                 | 285                       | 37.9                      | 61.0                 | 290                       | 39.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           | 65.0                 | 293                       | 40.5                      |                      |                           |                           |                      |                           |                           |
| 130  | 56.8                 | 282                       | 37.3                      | 59.5                 | 287                       | 38.6                      | 63.6                 | 291                       | 40.4                      |                      |                           |                           |                      |                           |                           |
| 135  | 55.1                 | 279                       | 36.6                      | 57.9                 | 283                       | 37.9                      | 62.0                 | 288                       | 39.6                      |                      |                           |                           |                      |                           |                           |
| 140  | 53.4                 | 275                       | 36.1                      | 56.3                 | 280                       | 37.2                      | 60.5                 | 286                       | 38.9                      |                      |                           |                           |                      |                           |                           |
| 145  | 51.7                 | 271                       | 35.6                      | 54.6                 | 277                       | 36.6                      | 58.9                 | 282                       | 38.4                      |                      |                           |                           |                      |                           |                           |
| 150  | 50.0                 | 267                       | 35.0                      | 52.9                 | 273                       | 36.1                      | 57.3                 | 279                       | 37.8                      |                      |                           |                           |                      |                           |                           |
| 155  | 48.2                 | 262                       | 33.9                      | 51.2                 | 269                       | 35.7                      | 55.7                 | 276                       | 37.1                      |                      |                           |                           |                      |                           |                           |
| 160  | 46.3                 | 258                       | 32.9                      | 49.4                 | 265                       | 34.6                      | 54.0                 | 272                       | 36.6                      |                      |                           |                           |                      |                           |                           |
| 165  | 44.4                 | 253                       | 31.9                      | 47.6                 | 260                       | 33.6                      | 52.3                 | 268                       | 36.1                      |                      |                           |                           |                      |                           |                           |
| 170  | 42.4                 | 247                       | 30.9                      | 45.7                 | 255                       | 32.5                      | 50.6                 | 264                       | 35.6                      |                      |                           |                           |                      |                           |                           |
| 173  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 268                       | 35.7                      |                      |                           |                           |
| 175  | 40.3                 | 241                       | 30.0                      | 43.8                 | 250                       | 31.6                      | 48.8                 | 260                       | 34.8                      | 54.3                 | 267                       | 35.7                      |                      |                           |                           |
| 180  | 38.2                 | 235                       | 29.2                      | 41.8                 | 244                       | 30.7                      | 46.9                 | 255                       | 33.7                      | 52.6                 | 263                       | 35.4                      |                      |                           |                           |
| 185  | 35.9                 | 228                       | 28.4                      | 39.7                 | 238                       | 29.8                      | 45.0                 | 250                       | 32.6                      | 50.8                 | 259                       | 35.0                      |                      |                           |                           |
| 190  | 33.5                 | 221                       | 27.4                      | 37.5                 | 232                       | 29.0                      | 43.1                 | 245                       | 31.5                      | 49.1                 | 254                       | 34.5                      |                      |                           |                           |
| 195  | 30.9                 | 213                       | 26.0                      | 35.2                 | 225                       | 28.3                      | 41.0                 | 240                       | 30.6                      | 47.2                 | 250                       | 34.1                      |                      |                           |                           |
| 200  | 28.1                 | 204                       | 24.5                      | 32.7                 | 218                       | 27.0                      | 39.7                 | 236                       | 29.7                      | 45.4                 | 245                       | 33.3                      |                      |                           |                           |
| 205  | 25.0                 | 193                       | 23.0                      | 30.1                 | 209                       | 25.7                      | 37.5                 | 229                       | 29.1                      | 43.4                 | 240                       | 32.0                      |                      |                           |                           |
| 210  | 21.6                 | 181                       | 21.5                      | 27.2                 | 200                       | 24.5                      | 35.2                 | 222                       | 28.6                      | 41.4                 | 234                       | 30.9                      |                      |                           |                           |
| 215  | 19.2                 | 173                       | 20.0                      | 24.0                 | 189                       | 23.2                      | 32.8                 | 215                       | 27.6                      | 40.0                 | 230                       | 30.0                      |                      |                           |                           |
| 220  |                      |                           |                           | 20.4                 | 176                       | 21.9                      | 30.2                 | 206                       | 26.6                      | 37.9                 | 224                       | 29.3                      |                      |                           |                           |
| 225  |                      |                           |                           | 17.9                 | 168                       | 21.0                      | 27.3                 | 197                       | 25.6                      | 35.6                 | 217                       | 28.7                      |                      |                           |                           |
| 230  |                      |                           |                           |                      |                           |                           | 24.2                 | 186                       | 24.6                      | 33.2                 | 210                       | 28.1                      |                      |                           |                           |
| 235  |                      |                           |                           |                      |                           |                           | 20.6                 | 174                       | 23.6                      | 30.6                 | 202                       | 27.3                      |                      |                           |                           |
| 240  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.8                 | 192                       | 26.4                      |                      |                           |                           |
| 245  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.7                 | 182                       | 25.6                      |                      |                           |                           |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 170                       | 24.8                      |                      |                           |                           |
| 252  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 195                       | 27.0                      |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.0                 | 155                       | 23.9                      | 34.2                 | 193                       | 27.1                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.7                 | 185                       | 26.4                      |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.0                 | 176                       | 25.7                      |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.1                 | 166                       | 25.1                      |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.8                 | 155                       | 24.4                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.9                 | 142                       | 23.8                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>223 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 78.0                 | 323                       | 45.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 76.7                 | 322                       | 45.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 75.4                 | 320                       | 44.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 74.1                 | 319                       | 43.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 72.7                 | 317                       | 42.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 71.3                 | 316                       | 41.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 87   |                      |                           |                           | 73.0                 | 317                       | 41.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 70.0                 | 314                       | 40.6                      | 72.3                 | 316                       | 41.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 68.6                 | 312                       | 39.8                      | 70.9                 | 314                       | 41.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 67.2                 | 310                       | 39.0                      | 69.5                 | 312                       | 40.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 65.8                 | 307                       | 38.2                      | 68.2                 | 310                       | 39.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 64.3                 | 305                       | 37.6                      | 66.8                 | 308                       | 38.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 62.9                 | 302                       | 37.0                      | 65.3                 | 306                       | 38.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 61.4                 | 300                       | 36.5                      | 63.9                 | 303                       | 37.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 59.9                 | 297                       | 35.7                      | 62.4                 | 301                       | 37.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 129  |                      |                           |                           |                      |                           |                           | 65.0                 | 302                       | 37.5                      |                      |                           |                           |                      |                           |                           |
| 130  | 58.4                 | 294                       | 35.0                      | 61.0                 | 298                       | 36.4                      | 64.8                 | 302                       | 37.5                      |                      |                           |                           |                      |                           |                           |
| 135  | 56.9                 | 291                       | 34.3                      | 59.5                 | 295                       | 35.7                      | 63.4                 | 300                       | 37.3                      |                      |                           |                           |                      |                           |                           |
| 140  | 55.3                 | 287                       | 33.7                      | 57.9                 | 292                       | 35.0                      | 61.9                 | 297                       | 36.6                      |                      |                           |                           |                      |                           |                           |
| 145  | 53.7                 | 284                       | 33.1                      | 56.4                 | 289                       | 34.4                      | 60.4                 | 294                       | 35.9                      |                      |                           |                           |                      |                           |                           |
| 150  | 52.1                 | 280                       | 32.6                      | 54.8                 | 285                       | 33.8                      | 58.9                 | 291                       | 35.5                      |                      |                           |                           |                      |                           |                           |
| 155  | 50.4                 | 276                       | 32.2                      | 53.2                 | 281                       | 33.3                      | 57.4                 | 288                       | 34.9                      |                      |                           |                           |                      |                           |                           |
| 160  | 48.7                 | 271                       | 31.3                      | 51.6                 | 277                       | 32.9                      | 55.9                 | 284                       | 34.3                      |                      |                           |                           |                      |                           |                           |
| 165  | 46.9                 | 266                       | 30.5                      | 49.9                 | 273                       | 32.1                      | 54.3                 | 281                       | 33.8                      |                      |                           |                           |                      |                           |                           |
| 170  | 45.1                 | 262                       | 29.7                      | 48.2                 | 269                       | 31.2                      | 52.6                 | 277                       | 33.3                      |                      |                           |                           |                      |                           |                           |
| 175  | 43.3                 | 256                       | 28.9                      | 46.4                 | 264                       | 30.4                      | 51.0                 | 273                       | 32.9                      |                      |                           |                           |                      |                           |                           |
| 178  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 276                       | 32.9                      |                      |                           |                           |
| 180  | 41.3                 | 251                       | 28.2                      | 44.6                 | 259                       | 29.5                      | 49.3                 | 269                       | 32.4                      | 54.5                 | 275                       | 32.9                      |                      |                           |                           |
| 185  | 39.3                 | 245                       | 27.5                      | 42.7                 | 254                       | 28.8                      | 47.6                 | 264                       | 31.4                      | 52.9                 | 271                       | 32.7                      |                      |                           |                           |
| 190  | 37.2                 | 238                       | 26.9                      | 40.7                 | 248                       | 28.0                      | 45.8                 | 259                       | 30.5                      | 51.3                 | 267                       | 32.3                      |                      |                           |                           |
| 195  | 35.0                 | 231                       | 26.3                      | 38.7                 | 242                       | 27.4                      | 43.9                 | 254                       | 29.6                      | 49.6                 | 263                       | 31.8                      |                      |                           |                           |
| 200  | 32.6                 | 224                       | 25.2                      | 36.5                 | 235                       | 26.7                      | 42.0                 | 249                       | 28.8                      | 47.8                 | 259                       | 31.5                      |                      |                           |                           |
| 205  | 30.1                 | 215                       | 23.8                      | 34.3                 | 228                       | 25.9                      | 40.0                 | 243                       | 28.0                      | 46.0                 | 254                       | 31.0                      |                      |                           |                           |
| 210  | 27.4                 | 206                       | 22.5                      | 31.9                 | 220                       | 24.7                      | 37.9                 | 236                       | 27.3                      | 44.2                 | 249                       | 30.0                      |                      |                           |                           |
| 215  | 24.4                 | 195                       | 21.1                      | 29.3                 | 211                       | 23.6                      | 35.8                 | 230                       | 26.7                      | 42.3                 | 243                       | 29.0                      |                      |                           |                           |
| 220  | 20.9                 | 183                       | 19.7                      | 26.5                 | 202                       | 22.4                      | 34.3                 | 225                       | 25.8                      | 40.3                 | 238                       | 28.1                      |                      |                           |                           |
| 225  | 18.6                 | 174                       | 18.4                      | 23.4                 | 191                       | 21.2                      | 31.9                 | 217                       | 25.0                      | 38.3                 | 231                       | 27.3                      |                      |                           |                           |
| 230  |                      |                           |                           | 19.8                 | 178                       | 20.1                      | 29.4                 | 209                       | 24.2                      | 36.9                 | 227                       | 26.7                      |                      |                           |                           |
| 235  |                      |                           |                           | 17.3                 | 168                       | 19.2                      | 26.6                 | 199                       | 23.3                      | 34.7                 | 220                       | 26.3                      |                      |                           |                           |
| 240  |                      |                           |                           |                      |                           |                           | 23.5                 | 188                       | 22.5                      | 32.3                 | 212                       | 25.6                      |                      |                           |                           |
| 245  |                      |                           |                           |                      |                           |                           | 20.0                 | 175                       | 21.6                      | 29.8                 | 204                       | 24.9                      |                      |                           |                           |
| 250  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.1                 | 194                       | 24.2                      |                      |                           |                           |
| 255  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.0                 | 184                       | 23.5                      |                      |                           |                           |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 201                       | 25.2                      |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.6                 | 171                       | 22.8                      | 34.8                 | 200                       | 25.2                      |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 156                       | 22.1                      |                      |                           |                           |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.3                 | 195                       | 25.5                      |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.9                 | 187                       | 24.8                      |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.3                 | 178                       | 24.0                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.4                 | 168                       | 23.4                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.1                 | 157                       | 22.6                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.3                 | 143                       | 21.9                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>233 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 62   | 78.0                 | 332                       | 41.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 77.3                 | 332                       | 41.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 76.0                 | 330                       | 40.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 74.8                 | 329                       | 39.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 73.5                 | 328                       | 38.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 72.2                 | 326                       | 37.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 70.9                 | 324                       | 36.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   |                      |                           |                           | 73.0                 | 326                       | 37.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 69.5                 | 322                       | 36.1                      | 71.8                 | 324                       | 37.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 68.2                 | 320                       | 35.3                      | 70.5                 | 323                       | 36.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 66.9                 | 318                       | 34.6                      | 69.1                 | 321                       | 35.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 65.5                 | 316                       | 33.9                      | 67.8                 | 319                       | 35.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 64.1                 | 314                       | 33.3                      | 66.4                 | 317                       | 34.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 62.7                 | 311                       | 32.8                      | 65.1                 | 314                       | 33.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 61.3                 | 308                       | 32.3                      | 63.7                 | 312                       | 33.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 59.9                 | 305                       | 31.7                      | 62.3                 | 309                       | 32.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 134  |                      |                           |                           |                      |                           |                           | 65.0                 | 311                       | 33.2                      |                      |                           |                           |                      |                           |                           |
| 135  | 58.5                 | 302                       | 31.1                      | 60.9                 | 306                       | 32.2                      | 64.6                 | 310                       | 33.2                      |                      |                           |                           |                      |                           |                           |
| 140  | 57.0                 | 299                       | 30.5                      | 59.5                 | 304                       | 31.6                      | 63.2                 | 308                       | 32.9                      |                      |                           |                           |                      |                           |                           |
| 145  | 55.5                 | 296                       | 30.0                      | 58.0                 | 300                       | 31.0                      | 61.8                 | 305                       | 32.3                      |                      |                           |                           |                      |                           |                           |
| 150  | 54.0                 | 292                       | 29.5                      | 56.5                 | 297                       | 30.5                      | 60.4                 | 302                       | 31.8                      |                      |                           |                           |                      |                           |                           |
| 155  | 52.4                 | 288                       | 29.1                      | 55.0                 | 294                       | 30.0                      | 59.0                 | 300                       | 31.3                      |                      |                           |                           |                      |                           |                           |
| 160  | 50.8                 | 284                       | 28.7                      | 53.5                 | 290                       | 29.6                      | 57.5                 | 296                       | 30.9                      |                      |                           |                           |                      |                           |                           |
| 165  | 49.2                 | 280                       | 28.2                      | 51.9                 | 286                       | 29.2                      | 56.0                 | 293                       | 30.4                      |                      |                           |                           |                      |                           |                           |
| 170  | 47.5                 | 275                       | 27.6                      | 50.3                 | 282                       | 28.7                      | 54.5                 | 289                       | 29.9                      |                      |                           |                           |                      |                           |                           |
| 175  | 45.8                 | 270                       | 27.0                      | 48.7                 | 278                       | 28.1                      | 53.0                 | 286                       | 29.5                      |                      |                           |                           |                      |                           |                           |
| 180  | 44.0                 | 265                       | 26.5                      | 47.0                 | 273                       | 27.6                      | 51.4                 | 282                       | 29.2                      |                      |                           |                           |                      |                           |                           |
| 184  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 284                       | 29.1                      |                      |                           |                           |
| 185  | 42.2                 | 260                       | 26.0                      | 45.3                 | 268                       | 27.0                      | 49.8                 | 278                       | 28.8                      | 54.7                 | 284                       | 29.1                      |                      |                           |                           |
| 190  | 40.3                 | 254                       | 25.5                      | 43.5                 | 263                       | 26.5                      | 48.1                 | 273                       | 28.2                      | 53.2                 | 280                       | 29.0                      |                      |                           |                           |
| 195  | 38.4                 | 248                       | 25.0                      | 41.6                 | 257                       | 26.0                      | 46.4                 | 268                       | 27.6                      | 51.6                 | 276                       | 28.6                      |                      |                           |                           |
| 200  | 36.3                 | 241                       | 24.6                      | 39.7                 | 251                       | 25.5                      | 44.7                 | 263                       | 27.0                      | 50.0                 | 272                       | 28.2                      |                      |                           |                           |
| 205  | 34.1                 | 234                       | 24.1                      | 37.7                 | 245                       | 25.0                      | 42.9                 | 258                       | 26.4                      | 48.4                 | 267                       | 27.8                      |                      |                           |                           |
| 210  | 31.8                 | 226                       | 22.9                      | 35.6                 | 238                       | 24.7                      | 41.0                 | 252                       | 25.9                      | 46.7                 | 263                       | 27.6                      |                      |                           |                           |
| 215  | 29.4                 | 217                       | 21.6                      | 33.4                 | 231                       | 23.7                      | 39.0                 | 246                       | 25.4                      | 44.9                 | 258                       | 27.0                      |                      |                           |                           |
| 220  | 26.7                 | 208                       | 20.4                      | 31.1                 | 222                       | 22.6                      | 37.0                 | 240                       | 25.0                      | 43.1                 | 252                       | 26.4                      |                      |                           |                           |
| 225  | 23.7                 | 197                       | 19.1                      | 28.6                 | 214                       | 21.5                      | 35.7                 | 235                       | 24.5                      | 41.3                 | 247                       | 25.8                      |                      |                           |                           |
| 230  | 20.4                 | 184                       | 17.9                      | 25.8                 | 204                       | 20.4                      | 33.5                 | 228                       | 23.7                      | 39.4                 | 241                       | 25.3                      |                      |                           |                           |
| 235  | 18.1                 | 175                       | 16.6                      | 22.7                 | 192                       | 19.3                      | 31.2                 | 220                       | 22.9                      | 37.3                 | 234                       | 24.8                      |                      |                           |                           |
| 240  |                      |                           |                           | 20.7                 | 184                       | 18.4                      | 28.7                 | 211                       | 22.2                      | 36.0                 | 230                       | 24.4                      |                      |                           |                           |
| 245  |                      |                           |                           | 16.8                 | 169                       | 17.6                      | 25.9                 | 201                       | 21.4                      | 33.8                 | 223                       | 24.1                      |                      |                           |                           |
| 250  |                      |                           |                           |                      |                           |                           | 22.9                 | 190                       | 20.6                      | 31.5                 | 215                       | 23.4                      |                      |                           |                           |
| 255  |                      |                           |                           |                      |                           |                           | 19.4                 | 177                       | 19.8                      | 29.1                 | 206                       | 22.8                      |                      |                           |                           |
| 260  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.4                 | 196                       | 22.1                      |                      |                           |                           |
| 265  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.4                 | 185                       | 21.4                      |                      |                           |                           |
| 268  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 206                       | 23.3                      |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.0                 | 172                       | 20.8                      | 34.0                 | 203                       | 23.3                      |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 15.9                 | 157                       | 20.1                      | 32.5                 | 198                       | 23.1                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.1                 | 190                       | 22.5                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.6                 | 180                       | 21.9                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.7                 | 170                       | 21.3                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.5                 | 158                       | 20.6                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.8                 | 144                       | 19.9                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>243 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 64   | 78.0                 | 342                       | 37.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 77.8                 | 342                       | 37.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 76.6                 | 340                       | 36.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 75.4                 | 339                       | 35.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 74.2                 | 338                       | 35.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 72.9                 | 336                       | 34.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 71.7                 | 335                       | 33.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 93   |                      |                           |                           | 73.0                 | 335                       | 34.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 70.4                 | 333                       | 32.9                      | 72.5                 | 335                       | 34.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 69.1                 | 331                       | 32.4                      | 71.3                 | 333                       | 33.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 67.9                 | 329                       | 31.7                      | 70.0                 | 331                       | 32.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 66.6                 | 327                       | 31.0                      | 68.8                 | 329                       | 32.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 65.3                 | 324                       | 30.3                      | 67.5                 | 327                       | 31.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 63.9                 | 322                       | 29.8                      | 66.2                 | 325                       | 30.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 62.6                 | 320                       | 29.3                      | 64.9                 | 323                       | 30.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 61.3                 | 317                       | 28.9                      | 63.5                 | 320                       | 29.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 59.9                 | 314                       | 28.4                      | 62.2                 | 318                       | 29.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 138  |                      |                           |                           |                      |                           |                           | 65.0                 | 320                       | 29.8                      |                      |                           |                           |                      |                           |                           |
| 140  | 58.5                 | 311                       | 27.9                      | 60.8                 | 315                       | 28.8                      | 64.4                 | 319                       | 29.8                      |                      |                           |                           |                      |                           |                           |
| 145  | 57.1                 | 308                       | 27.4                      | 59.5                 | 312                       | 28.3                      | 63.1                 | 316                       | 29.4                      |                      |                           |                           |                      |                           |                           |
| 150  | 55.7                 | 304                       | 27.0                      | 58.1                 | 309                       | 27.8                      | 61.7                 | 314                       | 28.9                      |                      |                           |                           |                      |                           |                           |
| 155  | 54.2                 | 301                       | 26.6                      | 56.7                 | 306                       | 27.3                      | 60.4                 | 311                       | 28.4                      |                      |                           |                           |                      |                           |                           |
| 160  | 52.7                 | 297                       | 26.3                      | 55.2                 | 302                       | 26.9                      | 59.0                 | 308                       | 28.0                      |                      |                           |                           |                      |                           |                           |
| 165  | 51.2                 | 293                       | 25.9                      | 53.7                 | 298                       | 26.5                      | 57.6                 | 305                       | 27.6                      |                      |                           |                           |                      |                           |                           |
| 170  | 49.6                 | 289                       | 25.6                      | 52.3                 | 295                       | 26.2                      | 56.2                 | 301                       | 27.2                      |                      |                           |                           |                      |                           |                           |
| 175  | 48.1                 | 284                       | 25.2                      | 50.7                 | 291                       | 25.9                      | 54.7                 | 298                       | 26.8                      |                      |                           |                           |                      |                           |                           |
| 180  | 46.4                 | 279                       | 24.8                      | 49.2                 | 286                       | 25.5                      | 53.2                 | 294                       | 26.4                      |                      |                           |                           |                      |                           |                           |
| 185  | 44.8                 | 274                       | 24.4                      | 47.6                 | 282                       | 25.1                      | 51.7                 | 290                       | 26.1                      |                      |                           |                           |                      |                           |                           |
| 190  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 292                       | 25.9                      |                      |                           |                           |
| 190  | 43.0                 | 269                       | 24.1                      | 45.9                 | 277                       | 24.8                      | 50.2                 | 286                       | 25.8                      | 54.9                 | 292                       | 25.9                      |                      |                           |                           |
| 195  | 41.2                 | 263                       | 23.7                      | 44.2                 | 272                       | 24.4                      | 48.6                 | 282                       | 25.4                      | 53.5                 | 288                       | 25.9                      |                      |                           |                           |
| 200  | 39.4                 | 257                       | 23.4                      | 42.5                 | 266                       | 24.1                      | 47.0                 | 277                       | 25.1                      | 52.0                 | 285                       | 25.5                      |                      |                           |                           |
| 205  | 37.5                 | 251                       | 23.1                      | 40.7                 | 261                       | 23.8                      | 45.3                 | 272                       | 24.7                      | 50.4                 | 280                       | 25.2                      |                      |                           |                           |
| 210  | 35.4                 | 244                       | 22.8                      | 38.8                 | 254                       | 23.5                      | 43.6                 | 267                       | 24.3                      | 48.9                 | 276                       | 24.9                      |                      |                           |                           |
| 215  | 33.3                 | 237                       | 22.1                      | 36.9                 | 248                       | 23.3                      | 41.9                 | 262                       | 24.0                      | 47.3                 | 272                       | 24.6                      |                      |                           |                           |
| 220  | 31.1                 | 228                       | 21.0                      | 34.8                 | 241                       | 22.9                      | 40.0                 | 256                       | 23.7                      | 45.6                 | 267                       | 24.4                      |                      |                           |                           |
| 225  | 28.6                 | 220                       | 19.8                      | 32.6                 | 233                       | 21.9                      | 38.1                 | 249                       | 23.4                      | 43.9                 | 262                       | 24.0                      |                      |                           |                           |
| 230  | 26.0                 | 210                       | 18.7                      | 31.2                 | 228                       | 20.8                      | 36.2                 | 243                       | 23.2                      | 42.1                 | 256                       | 23.7                      |                      |                           |                           |
| 235  | 23.1                 | 198                       | 17.5                      | 28.8                 | 219                       | 19.9                      | 34.8                 | 238                       | 22.7                      | 40.3                 | 250                       | 23.4                      |                      |                           |                           |
| 240  | 19.8                 | 185                       | 16.3                      | 26.3                 | 210                       | 19.0                      | 32.7                 | 230                       | 22.0                      | 38.4                 | 244                       | 23.1                      |                      |                           |                           |
| 245  | 17.6                 | 176                       | 15.1                      | 23.4                 | 198                       | 18.1                      | 30.4                 | 222                       | 21.3                      | 36.5                 | 237                       | 22.9                      |                      |                           |                           |
| 250  |                      |                           |                           | 20.2                 | 186                       | 17.2                      | 28.0                 | 213                       | 20.5                      | 35.2                 | 233                       | 22.7                      |                      |                           |                           |
| 255  |                      |                           |                           | 16.3                 | 170                       | 16.2                      | 25.3                 | 203                       | 19.8                      | 33.0                 | 225                       | 22.2                      |                      |                           |                           |
| 260  |                      |                           |                           |                      |                           |                           | 22.3                 | 191                       | 19.0                      | 30.8                 | 217                       | 21.6                      |                      |                           |                           |
| 265  |                      |                           |                           |                      |                           |                           | 18.9                 | 178                       | 18.3                      | 28.4                 | 208                       | 21.0                      |                      |                           |                           |
| 270  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.7                 | 198                       | 20.4                      |                      |                           |                           |
| 275  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.8                 | 187                       | 19.8                      |                      |                           |                           |
| 276  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 212                       | 21.7                      |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 174                       | 19.1                      | 33.2                 | 206                       | 21.7                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 15.5                 | 158                       | 18.5                      | 31.8                 | 201                       | 21.2                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 192                       | 20.7                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.9                 | 182                       | 20.3                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 172                       | 19.6                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.0                 | 159                       | 18.9                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.3                 | 145                       | 18.2                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>253 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 66   | 78.0                 | 351                       | 33.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 77.2                 | 351                       | 33.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 76.0                 | 349                       | 32.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 74.8                 | 348                       | 31.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 73.6                 | 347                       | 31.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 72.4                 | 345                       | 30.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 71.2                 | 343                       | 29.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 96   |                      |                           |                           | 73.0                 | 345                       | 30.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 70.0                 | 342                       | 29.2                      | 72.0                 | 344                       | 30.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 68.8                 | 340                       | 28.7                      | 70.8                 | 342                       | 29.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 67.5                 | 338                       | 28.0                      | 69.6                 | 340                       | 28.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 66.3                 | 335                       | 27.4                      | 68.4                 | 338                       | 28.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 65.0                 | 333                       | 26.8                      | 67.2                 | 336                       | 27.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 63.8                 | 330                       | 26.3                      | 65.9                 | 334                       | 27.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 62.5                 | 328                       | 25.9                      | 64.7                 | 331                       | 26.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 61.2                 | 325                       | 25.5                      | 63.4                 | 329                       | 26.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 59.9                 | 322                       | 25.0                      | 62.1                 | 326                       | 25.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 142  |                      |                           |                           |                      |                           |                           | 65.0                 | 329                       | 26.4                      |                      |                           |                           |                      |                           |                           |
| 145  | 58.5                 | 319                       | 24.6                      | 60.8                 | 323                       | 25.3                      | 64.2                 | 328                       | 26.4                      |                      |                           |                           |                      |                           |                           |
| 150  | 57.2                 | 316                       | 24.1                      | 59.5                 | 320                       | 24.9                      | 62.9                 | 325                       | 26.0                      |                      |                           |                           |                      |                           |                           |
| 155  | 55.8                 | 313                       | 23.7                      | 58.1                 | 317                       | 24.4                      | 61.6                 | 322                       | 25.5                      |                      |                           |                           |                      |                           |                           |
| 160  | 54.4                 | 309                       | 23.4                      | 56.8                 | 314                       | 24.0                      | 60.3                 | 319                       | 25.1                      |                      |                           |                           |                      |                           |                           |
| 165  | 53.0                 | 305                       | 23.1                      | 55.4                 | 311                       | 23.6                      | 59.0                 | 316                       | 24.7                      |                      |                           |                           |                      |                           |                           |
| 170  | 51.5                 | 301                       | 22.8                      | 54.0                 | 307                       | 23.3                      | 57.7                 | 313                       | 24.3                      |                      |                           |                           |                      |                           |                           |
| 175  | 50.1                 | 297                       | 22.5                      | 52.5                 | 303                       | 23.0                      | 56.3                 | 310                       | 23.9                      |                      |                           |                           |                      |                           |                           |
| 180  | 48.5                 | 293                       | 22.2                      | 51.1                 | 299                       | 22.7                      | 54.9                 | 306                       | 23.5                      |                      |                           |                           |                      |                           |                           |
| 185  | 47.0                 | 288                       | 21.8                      | 49.6                 | 295                       | 22.4                      | 53.5                 | 303                       | 23.2                      |                      |                           |                           |                      |                           |                           |
| 190  | 45.4                 | 283                       | 21.5                      | 48.1                 | 290                       | 22.1                      | 52.0                 | 299                       | 22.9                      |                      |                           |                           |                      |                           |                           |
| 195  | 43.8                 | 278                       | 21.2                      | 46.5                 | 286                       | 21.8                      | 50.6                 | 295                       | 22.6                      |                      |                           |                           |                      |                           |                           |
| 195  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 300                       | 22.7                      |                      |                           |                           |
| 200  | 42.1                 | 273                       | 21.0                      | 44.9                 | 281                       | 21.5                      | 49.1                 | 290                       | 22.3                      | 53.7                 | 297                       | 22.7                      |                      |                           |                           |
| 205  | 40.3                 | 267                       | 20.7                      | 43.2                 | 276                       | 21.2                      | 47.5                 | 286                       | 22.0                      | 52.3                 | 293                       | 22.4                      |                      |                           |                           |
| 210  | 38.5                 | 261                       | 20.4                      | 41.5                 | 270                       | 21.0                      | 46.0                 | 281                       | 21.7                      | 50.8                 | 289                       | 22.1                      |                      |                           |                           |
| 215  | 36.6                 | 254                       | 20.2                      | 39.8                 | 264                       | 20.7                      | 44.3                 | 276                       | 21.4                      | 49.3                 | 285                       | 21.8                      |                      |                           |                           |
| 220  | 34.7                 | 247                       | 20.0                      | 37.9                 | 258                       | 20.5                      | 42.7                 | 271                       | 21.2                      | 47.8                 | 280                       | 21.6                      |                      |                           |                           |
| 225  | 32.6                 | 239                       | 19.2                      | 36.0                 | 251                       | 20.3                      | 40.9                 | 265                       | 20.9                      | 46.2                 | 276                       | 21.4                      |                      |                           |                           |
| 230  | 30.4                 | 231                       | 18.3                      | 34.0                 | 244                       | 19.7                      | 39.2                 | 259                       | 20.7                      | 44.6                 | 271                       | 21.1                      |                      |                           |                           |
| 235  | 28.0                 | 222                       | 17.3                      | 31.9                 | 236                       | 18.9                      | 37.3                 | 252                       | 20.5                      | 42.9                 | 265                       | 20.8                      |                      |                           |                           |
| 240  | 25.4                 | 212                       | 16.4                      | 30.5                 | 230                       | 18.1                      | 35.3                 | 246                       | 20.3                      | 41.2                 | 260                       | 20.6                      |                      |                           |                           |
| 245  | 22.6                 | 200                       | 15.4                      | 28.2                 | 222                       | 17.4                      | 34.1                 | 241                       | 19.6                      | 39.4                 | 254                       | 20.4                      |                      |                           |                           |
| 250  | 19.3                 | 186                       | 14.5                      | 25.6                 | 212                       | 16.7                      | 32.0                 | 233                       | 19.0                      | 37.6                 | 247                       | 20.2                      |                      |                           |                           |
| 255  | 17.1                 | 177                       | 13.8                      | 22.8                 | 200                       | 16.0                      | 29.7                 | 224                       | 18.5                      | 35.7                 | 240                       | 20.0                      |                      |                           |                           |
| 260  |                      |                           |                           | 19.6                 | 187                       | 15.3                      | 27.3                 | 215                       | 18.0                      | 33.6                 | 233                       | 19.7                      |                      |                           |                           |
| 265  |                      |                           |                           | 15.8                 | 171                       | 14.6                      | 24.7                 | 205                       | 17.4                      | 32.3                 | 228                       | 19.2                      |                      |                           |                           |
| 270  |                      |                           |                           |                      |                           |                           | 21.8                 | 193                       | 16.9                      | 30.1                 | 220                       | 18.8                      |                      |                           |                           |
| 275  |                      |                           |                           |                      |                           |                           | 18.4                 | 179                       | 16.3                      | 27.7                 | 210                       | 18.4                      |                      |                           |                           |
| 280  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.1                 | 200                       | 17.9                      |                      |                           |                           |
| 284  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 218                       | 18.9                      |
| 285  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.5                 | 216                       | 18.9                      |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.3                 | 188                       | 17.5                      | 32.4                 | 208                       | 18.8                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 175                       | 17.1                      |                      |                           |                           |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.2                 | 200                       | 18.5                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.7                 | 194                       | 18.1                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.3                 | 184                       | 17.9                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.5                 | 173                       | 17.4                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.4                 | 161                       | 16.9                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.8                 | 146                       | 16.5                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>262 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 68   | 78.0                 | 361                       | 30.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 77.7                 | 361                       | 30.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 76.5                 | 360                       | 30.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 75.4                 | 358                       | 29.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 74.2                 | 357                       | 28.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 73.1                 | 355                       | 27.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 71.9                 | 354                       | 27.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 99   |                      |                           |                           | 73.0                 | 354                       | 27.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 70.8                 | 352                       | 26.7                      | 72.7                 | 354                       | 27.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 69.6                 | 350                       | 26.2                      | 71.6                 | 352                       | 27.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 68.4                 | 348                       | 25.6                      | 70.4                 | 350                       | 26.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 67.3                 | 346                       | 25.0                      | 69.3                 | 349                       | 25.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 66.1                 | 344                       | 24.4                      | 68.1                 | 347                       | 25.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 64.8                 | 342                       | 23.9                      | 66.9                 | 344                       | 24.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 63.6                 | 339                       | 23.5                      | 65.7                 | 342                       | 24.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 62.4                 | 336                       | 23.1                      | 64.5                 | 340                       | 23.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 61.1                 | 334                       | 22.7                      | 63.2                 | 337                       | 23.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 59.9                 | 331                       | 22.3                      | 62.0                 | 335                       | 22.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 146  |                      |                           |                           |                      |                           |                           | 65.0                 | 338                       | 23.6                      |                      |                           |                           |                      |                           |                           |
| 150  | 58.6                 | 328                       | 21.8                      | 60.7                 | 332                       | 22.5                      | 64.0                 | 336                       | 23.6                      |                      |                           |                           |                      |                           |                           |
| 155  | 57.3                 | 325                       | 21.5                      | 59.5                 | 329                       | 22.1                      | 62.8                 | 333                       | 23.3                      |                      |                           |                           |                      |                           |                           |
| 160  | 56.0                 | 321                       | 21.1                      | 58.2                 | 326                       | 21.7                      | 61.6                 | 331                       | 22.8                      |                      |                           |                           |                      |                           |                           |
| 165  | 54.6                 | 318                       | 20.8                      | 56.9                 | 323                       | 21.3                      | 60.3                 | 328                       | 22.4                      |                      |                           |                           |                      |                           |                           |
| 170  | 53.2                 | 314                       | 20.4                      | 55.5                 | 319                       | 21.0                      | 59.0                 | 325                       | 22.0                      |                      |                           |                           |                      |                           |                           |
| 175  | 51.9                 | 310                       | 20.2                      | 54.2                 | 316                       | 20.6                      | 57.7                 | 322                       | 21.7                      |                      |                           |                           |                      |                           |                           |
| 180  | 50.4                 | 306                       | 19.9                      | 52.8                 | 312                       | 20.4                      | 56.4                 | 318                       | 21.3                      |                      |                           |                           |                      |                           |                           |
| 185  | 49.0                 | 302                       | 19.7                      | 51.4                 | 308                       | 20.1                      | 55.1                 | 315                       | 20.9                      |                      |                           |                           |                      |                           |                           |
| 190  | 47.5                 | 297                       | 19.4                      | 50.0                 | 304                       | 19.8                      | 53.7                 | 311                       | 20.6                      |                      |                           |                           |                      |                           |                           |
| 195  | 46.0                 | 292                       | 19.2                      | 48.5                 | 299                       | 19.6                      | 52.3                 | 308                       | 20.3                      |                      |                           |                           |                      |                           |                           |
| 200  | 44.4                 | 287                       | 18.9                      | 47.0                 | 295                       | 19.3                      | 50.9                 | 303                       | 20.0                      |                      |                           |                           |                      |                           |                           |
| 201  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 308                       | 20.1                      |                      |                           |                           |
| 205  | 42.8                 | 282                       | 18.7                      | 45.5                 | 290                       | 19.1                      | 49.5                 | 299                       | 19.8                      | 53.9                 | 306                       | 20.1                      |                      |                           |                           |
| 210  | 41.2                 | 276                       | 18.5                      | 43.9                 | 285                       | 18.9                      | 48.0                 | 295                       | 19.5                      | 52.6                 | 302                       | 19.9                      |                      |                           |                           |
| 215  | 39.5                 | 270                       | 18.3                      | 42.3                 | 279                       | 18.6                      | 46.5                 | 290                       | 19.3                      | 51.2                 | 298                       | 19.6                      |                      |                           |                           |
| 220  | 37.7                 | 264                       | 18.1                      | 40.7                 | 273                       | 18.4                      | 45.0                 | 285                       | 19.0                      | 49.7                 | 294                       | 19.3                      |                      |                           |                           |
| 225  | 35.8                 | 257                       | 17.9                      | 38.9                 | 267                       | 18.2                      | 43.4                 | 280                       | 18.8                      | 48.3                 | 289                       | 19.1                      |                      |                           |                           |
| 230  | 33.9                 | 250                       | 17.7                      | 37.1                 | 261                       | 18.0                      | 41.8                 | 274                       | 18.6                      | 46.8                 | 284                       | 18.9                      |                      |                           |                           |
| 235  | 31.9                 | 242                       | 16.9                      | 35.3                 | 254                       | 17.9                      | 40.1                 | 268                       | 18.4                      | 45.2                 | 280                       | 18.7                      |                      |                           |                           |
| 240  | 30.5                 | 236                       | 16.1                      | 33.3                 | 246                       | 17.2                      | 38.3                 | 262                       | 18.2                      | 43.6                 | 274                       | 18.5                      |                      |                           |                           |
| 245  | 28.3                 | 228                       | 15.4                      | 31.2                 | 238                       | 16.6                      | 36.5                 | 255                       | 18.1                      | 42.0                 | 269                       | 18.3                      |                      |                           |                           |
| 250  | 25.8                 | 218                       | 14.7                      | 29.0                 | 229                       | 16.0                      | 34.6                 | 248                       | 17.8                      | 40.3                 | 263                       | 18.1                      |                      |                           |                           |
| 255  | 23.2                 | 206                       | 14.0                      | 27.6                 | 224                       | 15.4                      | 32.6                 | 241                       | 17.3                      | 38.6                 | 257                       | 17.9                      |                      |                           |                           |
| 260  | 20.2                 | 194                       | 13.3                      | 25.1                 | 213                       | 14.9                      | 30.4                 | 232                       | 16.9                      | 36.8                 | 250                       | 17.8                      |                      |                           |                           |
| 265  | 16.6                 | 178                       | 12.6                      | 22.3                 | 202                       | 14.3                      | 28.2                 | 223                       | 16.4                      | 34.9                 | 243                       | 17.7                      |                      |                           |                           |
| 270  |                      |                           |                           | 19.1                 | 188                       | 13.8                      | 26.7                 | 217                       | 15.9                      | 32.9                 | 236                       | 17.4                      |                      |                           |                           |
| 275  |                      |                           |                           |                      |                           |                           | 24.1                 | 206                       | 15.6                      | 30.8                 | 227                       | 17.0                      |                      |                           |                           |
| 280  |                      |                           |                           |                      |                           |                           | 21.3                 | 194                       | 15.2                      | 28.5                 | 218                       | 16.7                      |                      |                           |                           |
| 285  |                      |                           |                           |                      |                           |                           | 17.9                 | 180                       | 14.8                      | 27.1                 | 212                       | 16.3                      |                      |                           |                           |
| 290  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.6                 | 202                       | 16.0                      |                      |                           |                           |
| 292  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 223                       | 16.6                      |
| 295  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.7                 | 190                       | 15.8                      | 33.8                 | 219                       | 16.6                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.5                 | 176                       | 15.5                      | 31.7                 | 211                       | 16.6                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.5                 | 202                       | 16.6                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.2                 | 192                       | 16.5                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.6                 | 182                       | 16.2                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.0                 | 175                       | 15.7                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.9                 | 162                       | 15.4                      |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 146                       | 15.1                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs]: 273.4  
Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>272 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 78.0                 | 371                       | 27.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 77.0                 | 370                       | 27.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 75.9                 | 368                       | 26.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 74.8                 | 367                       | 25.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 73.7                 | 366                       | 25.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 72.6                 | 364                       | 24.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 71.5                 | 362                       | 24.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 102  |                      |                           |                           | 73.0                 | 364                       | 24.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 70.4                 | 361                       | 23.8                      | 72.3                 | 363                       | 24.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 69.3                 | 359                       | 23.4                      | 71.2                 | 361                       | 24.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 68.1                 | 357                       | 22.8                      | 70.0                 | 359                       | 23.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 67.0                 | 355                       | 22.3                      | 68.9                 | 357                       | 23.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 65.8                 | 352                       | 21.8                      | 67.8                 | 355                       | 22.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 64.6                 | 350                       | 21.4                      | 66.6                 | 353                       | 22.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 63.5                 | 348                       | 21.0                      | 65.5                 | 351                       | 21.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 62.3                 | 345                       | 20.7                      | 64.3                 | 348                       | 21.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 61.1                 | 342                       | 20.3                      | 63.1                 | 346                       | 20.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 59.8                 | 339                       | 19.9                      | 61.9                 | 343                       | 20.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  |                      |                           |                           |                      |                           |                           | 65.0                 | 347                       | 21.1                      |                      |                           |                           |                      |                           |                           |
| 155  | 58.6                 | 336                       | 19.6                      | 60.7                 | 340                       | 20.1                      | 63.9                 | 344                       | 21.1                      |                      |                           |                           |                      |                           |                           |
| 160  | 57.4                 | 333                       | 19.2                      | 59.5                 | 337                       | 19.7                      | 62.7                 | 342                       | 20.8                      |                      |                           |                           |                      |                           |                           |
| 165  | 56.1                 | 330                       | 18.9                      | 58.2                 | 334                       | 19.4                      | 61.5                 | 339                       | 20.3                      |                      |                           |                           |                      |                           |                           |
| 170  | 54.8                 | 326                       | 18.6                      | 57.0                 | 331                       | 19.0                      | 60.3                 | 336                       | 19.9                      |                      |                           |                           |                      |                           |                           |
| 175  | 53.5                 | 322                       | 18.3                      | 55.7                 | 328                       | 18.7                      | 59.0                 | 333                       | 19.6                      |                      |                           |                           |                      |                           |                           |
| 180  | 52.1                 | 319                       | 18.0                      | 54.4                 | 324                       | 18.5                      | 57.8                 | 330                       | 19.3                      |                      |                           |                           |                      |                           |                           |
| 185  | 50.8                 | 315                       | 17.8                      | 53.1                 | 320                       | 18.2                      | 56.5                 | 327                       | 18.9                      |                      |                           |                           |                      |                           |                           |
| 190  | 49.4                 | 310                       | 17.6                      | 51.7                 | 316                       | 18.0                      | 55.2                 | 324                       | 18.6                      |                      |                           |                           |                      |                           |                           |
| 195  | 48.0                 | 306                       | 17.3                      | 50.4                 | 312                       | 17.7                      | 53.9                 | 320                       | 18.3                      |                      |                           |                           |                      |                           |                           |
| 200  | 46.5                 | 301                       | 17.1                      | 49.0                 | 308                       | 17.5                      | 52.6                 | 316                       | 18.1                      |                      |                           |                           |                      |                           |                           |
| 205  | 45.0                 | 296                       | 16.9                      | 47.5                 | 304                       | 17.3                      | 51.3                 | 312                       | 17.8                      |                      |                           |                           |                      |                           |                           |
| 207  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 316                       | 17.9                      |                      |                           |                           |
| 210  | 43.5                 | 291                       | 16.7                      | 46.1                 | 299                       | 17.0                      | 49.9                 | 308                       | 17.6                      | 54.1                 | 314                       | 17.9                      |                      |                           |                           |
| 215  | 42.0                 | 285                       | 16.5                      | 44.6                 | 294                       | 16.8                      | 48.5                 | 304                       | 17.4                      | 52.8                 | 310                       | 17.7                      |                      |                           |                           |
| 220  | 40.3                 | 280                       | 16.3                      | 43.0                 | 288                       | 16.6                      | 47.0                 | 299                       | 17.2                      | 51.5                 | 306                       | 17.5                      |                      |                           |                           |
| 225  | 38.7                 | 273                       | 16.1                      | 41.5                 | 283                       | 16.4                      | 45.6                 | 294                       | 17.0                      | 50.1                 | 302                       | 17.3                      |                      |                           |                           |
| 230  | 36.9                 | 267                       | 15.9                      | 39.8                 | 277                       | 16.2                      | 44.1                 | 289                       | 16.8                      | 48.7                 | 298                       | 17.0                      |                      |                           |                           |
| 235  | 35.1                 | 260                       | 15.8                      | 38.1                 | 270                       | 16.1                      | 42.5                 | 283                       | 16.6                      | 47.3                 | 293                       | 16.8                      |                      |                           |                           |
| 240  | 33.2                 | 252                       | 15.3                      | 36.4                 | 264                       | 15.9                      | 40.9                 | 278                       | 16.4                      | 45.8                 | 288                       | 16.7                      |                      |                           |                           |
| 245  | 31.2                 | 244                       | 14.7                      | 34.5                 | 257                       | 15.6                      | 39.2                 | 272                       | 16.3                      | 44.3                 | 283                       | 16.5                      |                      |                           |                           |
| 250  | 29.1                 | 235                       | 14.1                      | 32.6                 | 249                       | 15.1                      | 37.5                 | 265                       | 16.1                      | 42.7                 | 278                       | 16.3                      |                      |                           |                           |
| 255  | 27.7                 | 230                       | 13.4                      | 30.5                 | 241                       | 14.6                      | 35.7                 | 258                       | 16.0                      | 41.2                 | 272                       | 16.1                      |                      |                           |                           |
| 260  | 25.3                 | 219                       | 12.8                      | 28.4                 | 232                       | 14.1                      | 33.9                 | 251                       | 15.7                      | 39.5                 | 266                       | 16.0                      |                      |                           |                           |
| 265  | 22.7                 | 208                       | 12.3                      | 27.0                 | 226                       | 13.5                      | 31.9                 | 243                       | 15.3                      | 37.8                 | 260                       | 15.8                      |                      |                           |                           |
| 270  | 19.7                 | 195                       | 11.7                      | 24.5                 | 215                       | 13.1                      | 29.8                 | 235                       | 14.9                      | 36.0                 | 253                       | 15.7                      |                      |                           |                           |
| 275  | 16.2                 | 179                       | 11.2                      | 21.8                 | 203                       | 12.6                      | 27.6                 | 225                       | 14.5                      | 34.2                 | 246                       | 15.6                      |                      |                           |                           |
| 280  |                      |                           |                           | 18.7                 | 189                       | 12.2                      | 25.2                 | 215                       | 14.2                      | 32.2                 | 238                       | 15.3                      |                      |                           |                           |
| 285  |                      |                           |                           |                      |                           |                           | 23.6                 | 208                       | 13.8                      | 30.1                 | 230                       | 15.0                      |                      |                           |                           |
| 290  |                      |                           |                           |                      |                           |                           | 20.8                 | 196                       | 13.6                      | 27.9                 | 220                       | 14.8                      |                      |                           |                           |
| 295  |                      |                           |                           |                      |                           |                           | 17.5                 | 181                       | 13.3                      | 25.6                 | 210                       | 14.5                      |                      |                           |                           |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 229                       | 14.6                      |
| 300  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.0                 | 204                       | 14.3                      | 35.0                 | 229                       | 14.6                      |
| 305  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 191                       | 14.1                      | 33.1                 | 221                       | 14.6                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.0                 | 177                       | 13.9                      | 31.0                 | 213                       | 14.6                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 204                       | 14.6                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.6                 | 194                       | 14.5                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 184                       | 14.2                      |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.3                 | 172                       | 13.9                      |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 163                       | 13.7                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs]: 273.4  
 Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>282 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 72   | 78.0                 | 380                       | 24.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 77.5                 | 380                       | 24.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 76.4                 | 379                       | 23.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 75.4                 | 377                       | 23.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 74.3                 | 376                       | 23.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 73.3                 | 374                       | 22.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 72.2                 | 373                       | 22.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  |                      |                           |                           | 73.0                 | 373                       | 22.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 71.1                 | 371                       | 21.8                      | 72.9                 | 373                       | 22.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 70.0                 | 369                       | 21.5                      | 71.9                 | 371                       | 22.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 68.9                 | 367                       | 21.1                      | 70.8                 | 370                       | 21.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 67.8                 | 365                       | 20.6                      | 69.7                 | 368                       | 21.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 66.7                 | 363                       | 20.1                      | 68.6                 | 366                       | 20.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 65.6                 | 361                       | 19.7                      | 67.5                 | 364                       | 20.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 64.5                 | 358                       | 19.3                      | 66.4                 | 362                       | 19.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 63.3                 | 356                       | 19.0                      | 65.3                 | 359                       | 19.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 62.2                 | 353                       | 18.7                      | 64.1                 | 357                       | 19.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 61.0                 | 351                       | 18.4                      | 63.0                 | 354                       | 18.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 154  |                      |                           |                           |                      |                           |                           | 65.0                 | 356                       | 19.1                      |                      |                           |                           |                      |                           |                           |
| 155  | 59.8                 | 348                       | 18.0                      | 61.8                 | 352                       | 18.5                      | 64.9                 | 356                       | 19.1                      |                      |                           |                           |                      |                           |                           |
| 160  | 58.6                 | 345                       | 17.7                      | 60.6                 | 349                       | 18.2                      | 63.7                 | 353                       | 19.1                      |                      |                           |                           |                      |                           |                           |
| 165  | 57.4                 | 342                       | 17.4                      | 59.5                 | 346                       | 17.8                      | 62.6                 | 350                       | 18.7                      |                      |                           |                           |                      |                           |                           |
| 170  | 56.2                 | 338                       | 17.1                      | 58.3                 | 343                       | 17.5                      | 61.4                 | 348                       | 18.3                      |                      |                           |                           |                      |                           |                           |
| 175  | 55.0                 | 335                       | 16.8                      | 57.1                 | 340                       | 17.2                      | 60.2                 | 345                       | 18.0                      |                      |                           |                           |                      |                           |                           |
| 180  | 53.7                 | 331                       | 16.6                      | 55.8                 | 336                       | 16.9                      | 59.1                 | 342                       | 17.7                      |                      |                           |                           |                      |                           |                           |
| 185  | 52.4                 | 327                       | 16.3                      | 54.6                 | 333                       | 16.7                      | 57.9                 | 339                       | 17.4                      |                      |                           |                           |                      |                           |                           |
| 190  | 51.1                 | 323                       | 16.1                      | 53.3                 | 329                       | 16.5                      | 56.6                 | 335                       | 17.1                      |                      |                           |                           |                      |                           |                           |
| 195  | 49.8                 | 319                       | 15.9                      | 52.0                 | 325                       | 16.3                      | 55.4                 | 332                       | 16.8                      |                      |                           |                           |                      |                           |                           |
| 200  | 48.4                 | 315                       | 15.7                      | 50.7                 | 321                       | 16.1                      | 54.1                 | 328                       | 16.5                      |                      |                           |                           |                      |                           |                           |
| 205  | 47.0                 | 310                       | 15.5                      | 49.4                 | 317                       | 15.8                      | 52.9                 | 325                       | 16.3                      |                      |                           |                           |                      |                           |                           |
| 210  | 45.6                 | 305                       | 15.2                      | 48.0                 | 312                       | 15.6                      | 51.6                 | 321                       | 16.1                      |                      |                           |                           |                      |                           |                           |
| 212  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 325                       | 16.1                      |                      |                           |                           |
| 215  | 44.2                 | 300                       | 15.0                      | 46.6                 | 308                       | 15.4                      | 50.2                 | 316                       | 15.9                      | 54.3                 | 323                       | 16.1                      |                      |                           |                           |
| 220  | 42.7                 | 295                       | 14.8                      | 45.2                 | 303                       | 15.2                      | 48.9                 | 312                       | 15.7                      | 53.1                 | 319                       | 16.0                      |                      |                           |                           |
| 225  | 41.1                 | 289                       | 14.7                      | 43.7                 | 297                       | 15.0                      | 47.5                 | 308                       | 15.5                      | 51.8                 | 315                       | 15.8                      |                      |                           |                           |
| 230  | 39.5                 | 283                       | 14.5                      | 42.2                 | 292                       | 14.8                      | 46.1                 | 303                       | 15.3                      | 50.5                 | 311                       | 15.6                      |                      |                           |                           |
| 235  | 37.9                 | 277                       | 14.3                      | 40.6                 | 286                       | 14.7                      | 44.7                 | 298                       | 15.2                      | 49.1                 | 307                       | 15.4                      |                      |                           |                           |
| 240  | 36.2                 | 270                       | 14.2                      | 39.0                 | 280                       | 14.5                      | 43.2                 | 293                       | 15.0                      | 47.7                 | 302                       | 15.2                      |                      |                           |                           |
| 245  | 34.4                 | 263                       | 14.0                      | 37.4                 | 274                       | 14.3                      | 41.7                 | 287                       | 14.8                      | 46.3                 | 297                       | 15.0                      |                      |                           |                           |
| 250  | 32.5                 | 255                       | 13.5                      | 35.6                 | 267                       | 14.2                      | 40.1                 | 281                       | 14.7                      | 44.9                 | 292                       | 14.9                      |                      |                           |                           |
| 255  | 30.6                 | 247                       | 12.9                      | 33.8                 | 259                       | 13.8                      | 38.5                 | 275                       | 14.6                      | 43.4                 | 287                       | 14.7                      |                      |                           |                           |
| 260  | 28.5                 | 238                       | 12.4                      | 31.9                 | 252                       | 13.4                      | 36.8                 | 268                       | 14.4                      | 41.9                 | 282                       | 14.5                      |                      |                           |                           |
| 265  | 26.2                 | 228                       | 11.9                      | 29.9                 | 243                       | 13.0                      | 35.0                 | 261                       | 14.3                      | 40.3                 | 276                       | 14.4                      |                      |                           |                           |
| 270  | 24.7                 | 221                       | 11.3                      | 27.8                 | 234                       | 12.5                      | 33.2                 | 254                       | 14.0                      | 38.7                 | 270                       | 14.3                      |                      |                           |                           |
| 275  | 22.2                 | 210                       | 10.9                      | 25.5                 | 224                       | 12.1                      | 31.2                 | 246                       | 13.7                      | 37.0                 | 263                       | 14.1                      |                      |                           |                           |
| 280  | 19.2                 | 196                       | 10.5                      | 22.9                 | 212                       | 11.7                      | 29.2                 | 237                       | 13.4                      | 35.3                 | 256                       | 14.0                      |                      |                           |                           |
| 285  | 15.8                 | 180                       | 10.0                      | 21.3                 | 205                       | 11.3                      | 27.0                 | 227                       | 13.1                      | 33.5                 | 249                       | 13.9                      |                      |                           |                           |
| 290  |                      |                           |                           | 18.2                 | 190                       | 11.0                      | 24.6                 | 217                       | 12.8                      | 31.6                 | 241                       | 13.7                      |                      |                           |                           |
| 295  |                      |                           |                           |                      |                           |                           | 23.1                 | 210                       | 12.5                      | 29.5                 | 232                       | 13.5                      |                      |                           |                           |
| 300  |                      |                           |                           |                      |                           |                           | 20.3                 | 197                       | 12.3                      | 27.4                 | 222                       | 13.3                      |                      |                           |                           |
| 305  |                      |                           |                           |                      |                           |                           | 17.1                 | 182                       | 12.0                      | 25.0                 | 212                       | 13.1                      |                      |                           |                           |
| 308  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 235                       | 13.0                      |
| 310  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.5                 | 205                       | 12.9                      | 34.3                 | 232                       | 13.0                      |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 193                       | 12.8                      | 32.4                 | 224                       | 13.0                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.6                 | 178                       | 12.7                      | 30.4                 | 216                       | 13.0                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.3                 | 206                       | 13.0                      |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.0                 | 196                       | 12.9                      |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.6                 | 185                       | 12.7                      |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 173                       | 12.5                      |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 164                       | 12.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>292 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 78.0                 | 390                       | 21.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 77.9                 | 390                       | 21.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 76.9                 | 389                       | 21.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 75.9                 | 388                       | 21.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 74.9                 | 386                       | 20.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 73.8                 | 385                       | 20.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 72.8                 | 383                       | 19.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 71.8                 | 382                       | 19.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 108  |                      |                           |                           | 73.0                 | 382                       | 19.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 70.7                 | 380                       | 18.9                      | 72.5                 | 382                       | 19.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 69.7                 | 378                       | 18.6                      | 71.5                 | 380                       | 19.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 68.6                 | 376                       | 18.2                      | 70.4                 | 378                       | 18.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 67.6                 | 374                       | 17.7                      | 69.4                 | 376                       | 18.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 66.5                 | 372                       | 17.3                      | 68.3                 | 374                       | 18.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 65.4                 | 370                       | 16.9                      | 67.2                 | 372                       | 17.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 64.3                 | 367                       | 16.5                      | 66.1                 | 370                       | 17.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 63.2                 | 364                       | 16.2                      | 65.1                 | 368                       | 16.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 62.1                 | 362                       | 16.0                      | 64.0                 | 365                       | 16.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 61.0                 | 359                       | 15.7                      | 62.9                 | 363                       | 16.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 158  |                      |                           |                           |                      |                           |                           | 65.0                 | 365                       | 16.4                      |                      |                           |                           |                      |                           |                           |
| 160  | 59.8                 | 356                       | 15.4                      | 61.7                 | 360                       | 15.8                      | 64.7                 | 364                       | 16.4                      |                      |                           |                           |                      |                           |                           |
| 165  | 58.7                 | 353                       | 15.1                      | 60.6                 | 357                       | 15.5                      | 63.6                 | 362                       | 16.3                      |                      |                           |                           |                      |                           |                           |
| 170  | 57.5                 | 350                       | 14.8                      | 59.5                 | 354                       | 15.2                      | 62.5                 | 359                       | 16.0                      |                      |                           |                           |                      |                           |                           |
| 175  | 56.3                 | 347                       | 14.5                      | 58.3                 | 351                       | 14.9                      | 61.3                 | 356                       | 15.6                      |                      |                           |                           |                      |                           |                           |
| 180  | 55.1                 | 343                       | 14.3                      | 57.1                 | 348                       | 14.6                      | 60.2                 | 353                       | 15.3                      |                      |                           |                           |                      |                           |                           |
| 185  | 53.9                 | 340                       | 14.0                      | 56.0                 | 345                       | 14.4                      | 59.1                 | 350                       | 15.1                      |                      |                           |                           |                      |                           |                           |
| 190  | 52.7                 | 336                       | 13.8                      | 54.7                 | 341                       | 14.1                      | 57.9                 | 347                       | 14.8                      |                      |                           |                           |                      |                           |                           |
| 195  | 51.4                 | 332                       | 13.6                      | 53.5                 | 338                       | 13.9                      | 56.7                 | 344                       | 14.6                      |                      |                           |                           |                      |                           |                           |
| 200  | 50.1                 | 328                       | 13.4                      | 52.3                 | 334                       | 13.7                      | 55.5                 | 340                       | 14.3                      |                      |                           |                           |                      |                           |                           |
| 205  | 48.8                 | 323                       | 13.2                      | 51.0                 | 330                       | 13.5                      | 54.3                 | 337                       | 14.0                      |                      |                           |                           |                      |                           |                           |
| 210  | 47.5                 | 319                       | 13.0                      | 49.7                 | 325                       | 13.3                      | 53.1                 | 333                       | 13.8                      |                      |                           |                           |                      |                           |                           |
| 215  | 46.1                 | 314                       | 12.9                      | 48.4                 | 321                       | 13.2                      | 51.8                 | 329                       | 13.6                      |                      |                           |                           |                      |                           |                           |
| 218  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 333                       | 13.6                      |                      |                           |                           |
| 220  | 44.7                 | 309                       | 12.7                      | 47.1                 | 316                       | 13.0                      | 50.6                 | 325                       | 13.4                      | 54.5                 | 331                       | 13.6                      |                      |                           |                           |
| 225  | 43.3                 | 304                       | 12.5                      | 45.7                 | 312                       | 12.8                      | 49.3                 | 321                       | 13.3                      | 53.3                 | 328                       | 13.5                      |                      |                           |                           |
| 230  | 41.8                 | 298                       | 12.3                      | 44.3                 | 306                       | 12.6                      | 48.0                 | 316                       | 13.1                      | 52.0                 | 324                       | 13.4                      |                      |                           |                           |
| 235  | 40.3                 | 292                       | 12.2                      | 42.9                 | 301                       | 12.4                      | 46.6                 | 312                       | 12.9                      | 50.8                 | 320                       | 13.1                      |                      |                           |                           |
| 240  | 38.8                 | 286                       | 12.0                      | 41.4                 | 296                       | 12.3                      | 45.2                 | 307                       | 12.7                      | 49.5                 | 315                       | 13.0                      |                      |                           |                           |
| 245  | 37.2                 | 280                       | 11.9                      | 39.9                 | 290                       | 12.1                      | 43.8                 | 302                       | 12.6                      | 48.2                 | 311                       | 12.8                      |                      |                           |                           |
| 250  | 35.5                 | 273                       | 11.7                      | 38.3                 | 283                       | 12.0                      | 42.4                 | 296                       | 12.4                      | 46.8                 | 306                       | 12.7                      |                      |                           |                           |
| 255  | 33.7                 | 265                       | 11.5                      | 36.6                 | 277                       | 11.9                      | 40.9                 | 290                       | 12.3                      | 45.4                 | 301                       | 12.5                      |                      |                           |                           |
| 260  | 31.9                 | 257                       | 11.1                      | 34.9                 | 270                       | 11.7                      | 39.3                 | 284                       | 12.1                      | 44.0                 | 296                       | 12.3                      |                      |                           |                           |
| 265  | 29.9                 | 249                       | 10.7                      | 33.2                 | 262                       | 11.4                      | 37.7                 | 278                       | 12.0                      | 42.6                 | 291                       | 12.2                      |                      |                           |                           |
| 270  | 27.9                 | 240                       | 10.4                      | 31.3                 | 254                       | 11.1                      | 36.1                 | 271                       | 11.9                      | 41.1                 | 285                       | 12.0                      |                      |                           |                           |
| 275  | 25.7                 | 230                       | 10.0                      | 29.3                 | 245                       | 10.8                      | 34.3                 | 264                       | 11.7                      | 39.6                 | 279                       | 11.9                      |                      |                           |                           |
| 280  | 24.2                 | 223                       | 9.6                       | 27.2                 | 236                       | 10.6                      | 32.5                 | 256                       | 11.5                      | 38.0                 | 273                       | 11.8                      |                      |                           |                           |
| 285  | 21.7                 | 211                       | 9.3                       | 24.9                 | 225                       | 10.3                      | 30.6                 | 248                       | 11.3                      | 36.3                 | 266                       | 11.7                      |                      |                           |                           |
| 290  | 18.8                 | 197                       | 9.0                       | 22.5                 | 214                       | 10.0                      | 28.6                 | 239                       | 11.1                      | 34.6                 | 259                       | 11.6                      |                      |                           |                           |
| 295  | 15.4                 | 180                       | 8.7                       | 19.7                 | 200                       | 9.7                       | 26.5                 | 229                       | 10.9                      | 32.8                 | 251                       | 11.4                      |                      |                           |                           |
| 300  |                      |                           |                           | 16.4                 | 185                       | 9.4                       | 24.1                 | 218                       | 10.7                      | 30.9                 | 243                       | 11.3                      |                      |                           |                           |
| 305  |                      |                           |                           |                      |                           |                           | 21.5                 | 206                       | 10.5                      | 28.9                 | 234                       | 11.1                      |                      |                           |                           |
| 310  |                      |                           |                           |                      |                           |                           | 18.6                 | 192                       | 10.2                      | 26.8                 | 224                       | 11.0                      |                      |                           |                           |
| 315  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.5                 | 214                       | 10.9                      |                      |                           |                           |
| 316  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 240                       | 10.8                      |
| 320  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.0                 | 202                       | 10.7                      | 33.6                 | 234                       | 10.8                      |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.1                 | 188                       | 10.6                      | 31.8                 | 226                       | 10.8                      |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.2                 | 179                       | 10.3                      | 29.8                 | 218                       | 10.7                      |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.7                 | 208                       | 10.7                      |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.5                 | 198                       | 10.6                      |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.1                 | 187                       | 10.5                      |
| 350  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.4                 | 174                       | 10.4                      |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.2                 | 159                       | 10.2                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>302 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 77   | 78.0                 | 400                       | 18.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 77.3                 | 399                       | 18.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 76.4                 | 398                       | 18.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 75.4                 | 396                       | 18.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 74.4                 | 395                       | 18.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 73.4                 | 393                       | 17.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 72.4                 | 392                       | 17.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 71.4                 | 390                       | 16.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  |                      |                           |                           | 73.0                 | 392                       | 17.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 70.4                 | 388                       | 16.5                      | 72.1                 | 390                       | 17.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 69.4                 | 386                       | 16.2                      | 71.1                 | 389                       | 16.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 68.3                 | 385                       | 15.8                      | 70.1                 | 387                       | 16.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 67.3                 | 382                       | 15.3                      | 69.0                 | 385                       | 16.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 66.3                 | 380                       | 15.0                      | 68.0                 | 383                       | 15.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 65.2                 | 378                       | 14.6                      | 67.0                 | 381                       | 15.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 64.1                 | 376                       | 14.3                      | 65.9                 | 379                       | 14.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 63.1                 | 373                       | 14.0                      | 64.9                 | 376                       | 14.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 62.0                 | 370                       | 13.7                      | 63.8                 | 374                       | 14.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 60.9                 | 368                       | 13.4                      | 62.7                 | 371                       | 13.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 163  |                      |                           |                           |                      |                           |                           | 65.0                 | 374                       | 14.3                      |                      |                           |                           |                      |                           |                           |
| 165  | 59.8                 | 365                       | 13.2                      | 61.7                 | 369                       | 13.6                      | 64.5                 | 372                       | 14.3                      |                      |                           |                           |                      |                           |                           |
| 170  | 58.7                 | 362                       | 12.9                      | 60.6                 | 366                       | 13.3                      | 63.4                 | 370                       | 14.1                      |                      |                           |                           |                      |                           |                           |
| 175  | 57.6                 | 358                       | 12.6                      | 59.5                 | 363                       | 13.0                      | 62.4                 | 367                       | 13.8                      |                      |                           |                           |                      |                           |                           |
| 180  | 56.4                 | 355                       | 12.4                      | 58.3                 | 360                       | 12.8                      | 61.3                 | 365                       | 13.5                      |                      |                           |                           |                      |                           |                           |
| 185  | 55.3                 | 352                       | 12.1                      | 57.2                 | 357                       | 12.5                      | 60.2                 | 362                       | 13.2                      |                      |                           |                           |                      |                           |                           |
| 190  | 54.1                 | 348                       | 11.9                      | 56.1                 | 353                       | 12.3                      | 59.1                 | 359                       | 13.0                      |                      |                           |                           |                      |                           |                           |
| 195  | 52.9                 | 344                       | 11.7                      | 54.9                 | 350                       | 12.1                      | 58.0                 | 356                       | 12.8                      |                      |                           |                           |                      |                           |                           |
| 200  | 51.7                 | 340                       | 11.6                      | 53.7                 | 346                       | 11.9                      | 56.8                 | 352                       | 12.5                      |                      |                           |                           |                      |                           |                           |
| 205  | 50.5                 | 336                       | 11.4                      | 52.5                 | 342                       | 11.7                      | 55.7                 | 349                       | 12.2                      |                      |                           |                           |                      |                           |                           |
| 210  | 49.2                 | 332                       | 11.2                      | 51.3                 | 338                       | 11.5                      | 54.5                 | 346                       | 12.0                      |                      |                           |                           |                      |                           |                           |
| 215  | 47.9                 | 328                       | 11.1                      | 50.1                 | 334                       | 11.3                      | 53.3                 | 342                       | 11.8                      |                      |                           |                           |                      |                           |                           |
| 220  | 46.6                 | 323                       | 10.9                      | 48.8                 | 330                       | 11.2                      | 52.1                 | 338                       | 11.6                      |                      |                           |                           |                      |                           |                           |
| 224  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 341                       | 11.6                      |                      |                           |                           |
| 225  | 45.3                 | 318                       | 10.7                      | 47.5                 | 325                       | 11.0                      | 50.9                 | 334                       | 11.5                      | 54.7                 | 340                       | 11.6                      |                      |                           |                           |
| 230  | 43.9                 | 313                       | 10.6                      | 46.2                 | 320                       | 10.8                      | 49.6                 | 330                       | 11.3                      | 53.5                 | 336                       | 11.5                      |                      |                           |                           |
| 235  | 42.5                 | 307                       | 10.4                      | 44.9                 | 315                       | 10.7                      | 48.4                 | 325                       | 11.1                      | 52.3                 | 332                       | 11.4                      |                      |                           |                           |
| 240  | 41.1                 | 302                       | 10.3                      | 43.5                 | 310                       | 10.5                      | 47.1                 | 321                       | 11.0                      | 51.1                 | 328                       | 11.2                      |                      |                           |                           |
| 245  | 39.6                 | 296                       | 10.2                      | 42.1                 | 305                       | 10.4                      | 45.7                 | 316                       | 10.8                      | 49.8                 | 324                       | 11.0                      |                      |                           |                           |
| 250  | 38.1                 | 289                       | 10.0                      | 40.6                 | 299                       | 10.3                      | 44.4                 | 311                       | 10.6                      | 48.6                 | 320                       | 10.8                      |                      |                           |                           |
| 255  | 36.5                 | 283                       | 9.9                       | 39.1                 | 293                       | 10.1                      | 43.0                 | 305                       | 10.5                      | 47.3                 | 315                       | 10.7                      |                      |                           |                           |
| 260  | 34.8                 | 276                       | 9.8                       | 37.6                 | 286                       | 10.0                      | 41.6                 | 300                       | 10.3                      | 46.0                 | 310                       | 10.6                      |                      |                           |                           |
| 265  | 33.1                 | 268                       | 9.6                       | 36.0                 | 280                       | 9.9                       | 40.1                 | 294                       | 10.2                      | 44.6                 | 305                       | 10.4                      |                      |                           |                           |
| 270  | 31.3                 | 260                       | 9.3                       | 34.3                 | 272                       | 9.7                       | 38.6                 | 288                       | 10.1                      | 43.2                 | 300                       | 10.3                      |                      |                           |                           |
| 275  | 29.4                 | 251                       | 9.0                       | 32.5                 | 265                       | 9.6                       | 37.0                 | 281                       | 10.0                      | 41.8                 | 294                       | 10.1                      |                      |                           |                           |
| 280  | 28.1                 | 246                       | 8.7                       | 30.7                 | 256                       | 9.4                       | 35.4                 | 274                       | 9.9                       | 40.3                 | 288                       | 10.0                      |                      |                           |                           |
| 285  | 26.0                 | 236                       | 8.5                       | 28.8                 | 247                       | 9.2                       | 33.7                 | 267                       | 9.7                       | 38.8                 | 282                       | 9.9                       |                      |                           |                           |
| 290  | 23.8                 | 225                       | 8.3                       | 26.7                 | 238                       | 9.0                       | 31.9                 | 259                       | 9.6                       | 37.3                 | 276                       | 9.8                       |                      |                           |                           |
| 295  | 21.2                 | 212                       | 8.1                       | 24.4                 | 227                       | 8.8                       | 30.0                 | 250                       | 9.4                       | 35.7                 | 269                       | 9.7                       |                      |                           |                           |
| 300  | 18.4                 | 198                       | 7.9                       | 22.0                 | 215                       | 8.7                       | 28.1                 | 241                       | 9.3                       | 34.0                 | 262                       | 9.6                       |                      |                           |                           |
| 305  |                      |                           |                           | 19.2                 | 202                       | 8.5                       | 25.9                 | 231                       | 9.2                       | 32.2                 | 254                       | 9.5                       |                      |                           |                           |
| 310  |                      |                           |                           | 17.4                 | 192                       | 8.0                       | 23.6                 | 220                       | 9.0                       | 30.3                 | 245                       | 9.4                       |                      |                           |                           |
| 315  |                      |                           |                           |                      |                           |                           | 21.1                 | 208                       | 8.9                       | 28.4                 | 236                       | 9.3                       |                      |                           |                           |
| 320  |                      |                           |                           |                      |                           |                           | 18.2                 | 193                       | 8.8                       | 26.3                 | 226                       | 9.2                       |                      |                           |                           |
| 324  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 246                       | 9.0                       |
| 325  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.0                 | 216                       | 9.1                       | 34.7                 | 245                       | 9.0                       |
| 330  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.5                 | 203                       | 9.0                       | 33.0                 | 237                       | 9.0                       |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.7                 | 189                       | 8.9                       | 31.1                 | 229                       | 8.9                       |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.8                 | 180                       | 8.4                       | 29.2                 | 220                       | 8.9                       |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.2                 | 211                       | 8.8                       |
| 350  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.0                 | 200                       | 8.8                       |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.6                 | 189                       | 8.7                       |
| 360  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.9                 | 175                       | 8.7                       |
| 365  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.8                 | 160                       | 8.6                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 95 ft Main boom<br>312 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 79   | 78.0                 | 409                       | 17.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80   | 77.8                 | 409                       | 17.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85   | 76.8                 | 408                       | 17.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90   | 75.9                 | 406                       | 16.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95   | 74.9                 | 405                       | 16.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100  | 73.9                 | 404                       | 16.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105  | 73.0                 | 402                       | 15.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110  | 72.0                 | 401                       | 15.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 113  |                      |                           |                           | 73.0                 | 401                       | 15.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115  | 71.0                 | 399                       | 15.1                      | 72.7                 | 401                       | 15.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120  | 70.0                 | 397                       | 14.8                      | 71.7                 | 399                       | 15.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125  | 69.1                 | 395                       | 14.5                      | 70.7                 | 397                       | 15.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130  | 68.1                 | 393                       | 14.2                      | 69.7                 | 396                       | 14.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135  | 67.1                 | 391                       | 13.8                      | 68.7                 | 394                       | 14.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140  | 66.0                 | 389                       | 13.5                      | 67.7                 | 392                       | 14.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145  | 65.0                 | 386                       | 13.3                      | 66.7                 | 389                       | 13.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150  | 64.0                 | 384                       | 13.0                      | 65.7                 | 387                       | 13.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155  | 63.0                 | 382                       | 12.8                      | 64.7                 | 385                       | 13.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160  | 61.9                 | 379                       | 12.6                      | 63.7                 | 382                       | 12.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165  | 60.9                 | 376                       | 12.3                      | 62.6                 | 380                       | 12.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 167  |                      |                           |                           |                      |                           |                           | 65.0                 | 382                       | 13.0                      |                      |                           |                           |                      |                           |                           |
| 170  | 59.8                 | 373                       | 12.0                      | 61.6                 | 377                       | 12.5                      | 64.4                 | 381                       | 13.0                      |                      |                           |                           |                      |                           |                           |
| 175  | 58.7                 | 370                       | 11.8                      | 60.5                 | 374                       | 12.2                      | 63.3                 | 378                       | 12.8                      |                      |                           |                           |                      |                           |                           |
| 180  | 57.6                 | 367                       | 11.5                      | 59.5                 | 371                       | 11.9                      | 62.3                 | 376                       | 12.5                      |                      |                           |                           |                      |                           |                           |
| 185  | 56.5                 | 364                       | 11.3                      | 58.4                 | 368                       | 11.7                      | 61.2                 | 373                       | 12.3                      |                      |                           |                           |                      |                           |                           |
| 190  | 55.4                 | 360                       | 11.0                      | 57.3                 | 365                       | 11.4                      | 60.2                 | 370                       | 12.1                      |                      |                           |                           |                      |                           |                           |
| 195  | 54.3                 | 357                       | 10.8                      | 56.2                 | 362                       | 11.2                      | 59.1                 | 367                       | 11.9                      |                      |                           |                           |                      |                           |                           |
| 200  | 53.1                 | 353                       | 10.6                      | 55.1                 | 358                       | 11.0                      | 58.0                 | 364                       | 11.7                      |                      |                           |                           |                      |                           |                           |
| 205  | 52.0                 | 349                       | 10.5                      | 53.9                 | 355                       | 10.8                      | 56.9                 | 361                       | 11.4                      |                      |                           |                           |                      |                           |                           |
| 210  | 50.8                 | 345                       | 10.3                      | 52.8                 | 351                       | 10.7                      | 55.8                 | 358                       | 11.2                      |                      |                           |                           |                      |                           |                           |
| 215  | 49.6                 | 341                       | 10.1                      | 51.6                 | 347                       | 10.5                      | 54.7                 | 354                       | 10.9                      |                      |                           |                           |                      |                           |                           |
| 220  | 48.3                 | 336                       | 9.8                       | 50.4                 | 343                       | 10.3                      | 53.5                 | 350                       | 10.7                      |                      |                           |                           |                      |                           |                           |
| 225  | 47.1                 | 332                       | 9.6                       | 49.2                 | 338                       | 10.0                      | 52.4                 | 346                       | 10.6                      |                      |                           |                           |                      |                           |                           |
| 229  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 349                       | 10.6                      |                      |                           |                           |
| 230  | 45.8                 | 327                       | 9.4                       | 47.9                 | 334                       | 9.8                       | 51.2                 | 342                       | 10.4                      | 54.8                 | 348                       | 10.6                      |                      |                           |                           |
| 235  | 44.5                 | 322                       | 9.2                       | 46.7                 | 329                       | 9.6                       | 50.0                 | 338                       | 10.2                      | 53.7                 | 345                       | 10.6                      |                      |                           |                           |
| 240  | 43.1                 | 316                       | 9.0                       | 45.4                 | 324                       | 9.4                       | 48.7                 | 334                       | 10.0                      | 52.5                 | 341                       | 10.4                      |                      |                           |                           |
| 245  | 41.8                 | 311                       | 8.8                       | 44.1                 | 319                       | 9.2                       | 47.5                 | 329                       | 9.8                       | 51.4                 | 337                       | 10.2                      |                      |                           |                           |
| 250  | 40.3                 | 305                       | 8.6                       | 42.7                 | 314                       | 9.0                       | 46.2                 | 325                       | 9.6                       | 50.2                 | 333                       | 10.0                      |                      |                           |                           |
| 255  | 38.9                 | 299                       | 8.4                       | 41.3                 | 308                       | 8.8                       | 44.9                 | 320                       | 9.4                       | 48.9                 | 328                       | 9.8                       |                      |                           |                           |
| 260  | 37.4                 | 292                       | 8.2                       | 39.9                 | 302                       | 8.6                       | 43.6                 | 314                       | 9.2                       | 47.7                 | 324                       | 9.6                       |                      |                           |                           |
| 265  | 35.8                 | 286                       | 8.1                       | 38.4                 | 296                       | 8.5                       | 42.2                 | 309                       | 9.0                       | 46.4                 | 319                       | 9.5                       |                      |                           |                           |
| 270  | 34.2                 | 278                       | 7.9                       | 36.9                 | 290                       | 8.3                       | 40.8                 | 303                       | 8.8                       | 45.1                 | 314                       | 9.3                       |                      |                           |                           |
| 275  | 32.5                 | 271                       | 7.7                       | 35.3                 | 282                       | 8.1                       | 39.4                 | 297                       | 8.7                       | 43.8                 | 309                       | 9.1                       |                      |                           |                           |
| 280  | 30.7                 | 262                       | 7.4                       | 33.7                 | 275                       | 7.9                       | 37.9                 | 291                       | 8.5                       | 42.4                 | 304                       | 8.9                       |                      |                           |                           |
| 285  | 28.8                 | 253                       | 7.2                       | 31.9                 | 267                       | 7.7                       | 36.4                 | 284                       | 8.4                       | 41.1                 | 298                       | 8.7                       |                      |                           |                           |
| 290  | 26.8                 | 244                       | 7.0                       | 30.1                 | 259                       | 7.5                       | 34.8                 | 277                       | 8.2                       | 39.6                 | 292                       | 8.6                       |                      |                           |                           |
| 295  | 24.7                 | 233                       | 6.7                       | 28.2                 | 250                       | 7.3                       | 33.1                 | 269                       | 8.0                       | 38.1                 | 286                       | 8.4                       |                      |                           |                           |
| 300  | 22.3                 | 222                       | 6.5                       | 26.2                 | 240                       | 7.1                       | 31.3                 | 261                       | 7.8                       | 36.6                 | 279                       | 8.3                       |                      |                           |                           |
| 305  | 19.7                 | 208                       | 6.2                       | 24.0                 | 229                       | 6.9                       | 29.5                 | 253                       | 7.6                       | 35.0                 | 272                       | 8.2                       |                      |                           |                           |
| 310  | 16.7                 | 193                       | 6.0                       | 21.6                 | 217                       | 6.6                       | 27.5                 | 243                       | 7.4                       | 33.3                 | 264                       | 8.0                       |                      |                           |                           |
| 315  |                      |                           |                           | 18.8                 | 203                       | 6.4                       | 25.4                 | 233                       | 7.2                       | 31.6                 | 256                       | 7.8                       |                      |                           |                           |
| 320  |                      |                           |                           | 17.0                 | 193                       | 5.7                       | 23.2                 | 222                       | 7.0                       | 29.8                 | 248                       | 7.7                       |                      |                           |                           |
| 325  |                      |                           |                           |                      |                           |                           | 20.6                 | 209                       | 6.8                       | 27.8                 | 238                       | 7.5                       |                      |                           |                           |
| 330  |                      |                           |                           |                      |                           |                           | 17.8                 | 194                       | 6.6                       | 25.8                 | 228                       | 7.4                       |                      |                           |                           |
| 332  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 252                       | 7.6                       |
| 335  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.5                 | 217                       | 7.2                       | 34.1                 | 247                       | 7.6                       |
| 340  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.1                 | 205                       | 7.0                       | 32.4                 | 240                       | 7.5                       |
| 345  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.3                 | 190                       | 6.9                       | 30.6                 | 231                       | 7.4                       |
| 350  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 16.4                 | 181                       | 6.3                       | 28.7                 | 222                       | 7.3                       |
| 355  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.7                 | 213                       | 7.2                       |
| 360  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.5                 | 202                       | 7.2                       |
| 365  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.1                 | 190                       | 7.2                       |
| 370  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.5                 | 177                       | 7.1                       |
| 375  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.8                 | 168                       | 6.6                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>66 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 28   | 78.0                 | 178                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 30   | 75.9                 | 178                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35   | 71.3                 | 176                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 66.6                 | 174                       | 246.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 42   |                      |                           |                           | 73.0                 | 176                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 61.7                 | 172                       | 230.5                     | 70.7                 | 175                       | 255.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 56.5                 | 168                       | 208.8                     | 65.9                 | 173                       | 229.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 51.0                 | 164                       | 192.4                     | 61.0                 | 170                       | 210.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 44.9                 | 160                       | 173.6                     | 55.8                 | 167                       | 191.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 38.1                 | 154                       | 157.1                     | 50.2                 | 163                       | 178.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   |                      |                           |                           |                      |                           |                           | 65.0                 | 169                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 70   | 30.0                 | 146                       | 137.7                     | 44.0                 | 158                       | 165.0                     | 60.6                 | 167                       | 158.7                     |                      |                           |                           |                      |                           |                           |
| 75   | 18.7                 | 134                       | 112.7                     | 37.1                 | 152                       | 154.0                     | 55.3                 | 163                       | 147.7                     |                      |                           |                           |                      |                           |                           |
| 80   |                      |                           |                           | 28.7                 | 144                       | 136.1                     | 49.7                 | 159                       | 138.8                     |                      |                           |                           |                      |                           |                           |
| 85   |                      |                           |                           | 16.5                 | 130                       | 115.2                     | 43.5                 | 154                       | 129.9                     |                      |                           |                           |                      |                           |                           |
| 90   |                      |                           |                           |                      |                           |                           | 36.5                 | 148                       | 121.9                     |                      |                           |                           |                      |                           |                           |
| 92   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 156                       | 66.4                      |                      |                           |                           |
| 95   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 52.5                 | 154                       | 108.3                     |                      |                           |                           |
| 100  |                      |                           |                           |                      |                           |                           | 28.0                 | 140                       | 113.9                     | 46.6                 | 150                       | 101.7                     |                      |                           |                           |
| 105  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 40.0                 | 144                       | 95.7                      |                      |                           |                           |
| 110  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.3                 | 137                       | 90.4                      |                      |                           |                           |
| 115  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.8                 | 129                       | 33.4                      |                      |                           |                           |
| 138  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 117                       | 62.2                      |
| 140  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.2                 | 115                       | 60.9                      |
| 145  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.6                 | 107                       | 33.4                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>76 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 30   | 78.0                 | 188                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 30   | 77.8                 | 188                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35   | 73.8                 | 186                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 69.8                 | 185                       | 248.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 65.7                 | 183                       | 227.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   |                      |                           |                           | 73.0                 | 185                       | 243.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 61.4                 | 180                       | 209.6                     | 69.3                 | 184                       | 228.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 56.9                 | 177                       | 191.1                     | 65.1                 | 181                       | 207.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 52.1                 | 173                       | 176.8                     | 60.8                 | 178                       | 192.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 47.1                 | 169                       | 161.6                     | 56.3                 | 175                       | 176.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   |                      |                           |                           |                      |                           |                           | 65.0                 | 178                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 70   | 41.5                 | 163                       | 145.7                     | 51.5                 | 172                       | 164.7                     | 64.8                 | 178                       | 156.7                     |                      |                           |                           |                      |                           |                           |
| 75   | 35.2                 | 156                       | 132.6                     | 46.3                 | 167                       | 152.8                     | 60.4                 | 175                       | 147.4                     |                      |                           |                           |                      |                           |                           |
| 80   | 27.6                 | 148                       | 115.0                     | 40.7                 | 161                       | 142.3                     | 55.9                 | 172                       | 137.8                     |                      |                           |                           |                      |                           |                           |
| 85   | 16.9                 | 135                       | 96.3                      | 34.2                 | 154                       | 132.5                     | 51.1                 | 168                       | 129.6                     |                      |                           |                           |                      |                           |                           |
| 90   |                      |                           |                           | 26.4                 | 145                       | 116.1                     | 45.9                 | 163                       | 121.5                     |                      |                           |                           |                      |                           |                           |
| 95   |                      |                           |                           | 18.0                 | 135                       | 33.4                      | 40.2                 | 158                       | 113.7                     |                      |                           |                           |                      |                           |                           |
| 98   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 164                       | 66.4                      |                      |                           |                           |
| 100  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 53.4                 | 163                       | 101.1                     |                      |                           |                           |
| 105  |                      |                           |                           |                      |                           |                           | 33.7                 | 151                       | 106.7                     | 48.4                 | 159                       | 95.2                      |                      |                           |                           |
|  |                      |                           |                           |                      |                           |                           | 25.7                 | 141                       | 100.4                     |                      |                           |                           |                      |                           |                           |
| 110  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 43.0                 | 154                       | 90.0                      |                      |                           |                           |
| 115  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 36.9                 | 147                       | 85.2                      |                      |                           |                           |
| 120  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.8                 | 139                       | 80.8                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.7                 | 131                       | 33.4                      |                      |                           |                           |
| 146  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 123                       | 57.4                      |
| 150  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.2                 | 115                       | 55.3                      |
| 155  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 108                       | 33.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>85 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 32   | 78.0                 | 198                       | 258.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35   | 75.8                 | 197                       | 257.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 72.2                 | 195                       | 246.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 68.7                 | 193                       | 226.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 48   |                      |                           |                           | 73.0                 | 195                       | 227.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 65.0                 | 191                       | 206.9                     | 71.8                 | 194                       | 227.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 61.2                 | 188                       | 192.8                     | 68.2                 | 192                       | 207.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 57.2                 | 185                       | 177.1                     | 64.5                 | 190                       | 189.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 53.0                 | 182                       | 164.4                     | 60.6                 | 187                       | 176.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 48.6                 | 177                       | 152.3                     | 56.6                 | 184                       | 162.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 74   |                      |                           |                           |                      |                           |                           | 65.0                 | 187                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 75   | 43.9                 | 172                       | 137.1                     | 52.5                 | 180                       | 152.1                     | 64.2                 | 186                       | 146.2                     |                      |                           |                           |                      |                           |                           |
| 80   | 38.7                 | 166                       | 123.9                     | 48.0                 | 176                       | 142.3                     | 60.3                 | 184                       | 136.9                     |                      |                           |                           |                      |                           |                           |
| 85   | 32.7                 | 159                       | 112.1                     | 43.2                 | 171                       | 132.6                     | 56.3                 | 180                       | 128.4                     |                      |                           |                           |                      |                           |                           |
| 90   | 25.6                 | 150                       | 98.2                      | 37.9                 | 164                       | 124.4                     | 52.1                 | 176                       | 120.8                     |                      |                           |                           |                      |                           |                           |
| 95   | 18.1                 | 139                       | 33.4                      | 31.8                 | 157                       | 113.8                     | 47.6                 | 172                       | 113.5                     |                      |                           |                           |                      |                           |                           |
| 100  |                      |                           |                           | 24.4                 | 147                       | 100.6                     | 42.8                 | 167                       | 106.5                     |                      |                           |                           |                      |                           |                           |
| 104  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 172                       | 66.4                      |                      |                           |                           |
| 105  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 54.2                 | 172                       | 94.9                      |                      |                           |                           |
| 110  |                      |                           |                           |                      |                           |                           | 37.5                 | 161                       | 100.3                     | 49.8                 | 167                       | 89.7                      |                      |                           |                           |
| 115  |                      |                           |                           |                      |                           |                           | 31.3                 | 153                       | 94.7                      | 45.2                 | 163                       | 84.9                      |                      |                           |                           |
| 120  |                      |                           |                           |                      |                           |                           | 23.8                 | 143                       | 89.6                      | 40.1                 | 157                       | 80.6                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.4                 | 150                       | 76.6                      |                      |                           |                           |
| 130  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.6                 | 141                       | 73.0                      |                      |                           |                           |
| 154  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 129                       | 53.3                      |
| 155  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.3                 | 127                       | 52.8                      |
| 160  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.2                 | 117                       | 50.7                      |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 110                       | 33.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| <b>105 ft Main boom</b><br><b>95 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)</b> |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 34   | 78.0                 | 207                       | 256.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35   | 77.3                 | 207                       | 256.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 74.1                 | 206                       | 239.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 71.0                 | 204                       | 219.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 67.7                 | 202                       | 203.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 51   |                      |                           |                           | 73.0                 | 204                       | 212.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 64.4                 | 200                       | 187.3                     | 70.5                 | 203                       | 206.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 61.0                 | 197                       | 175.6                     | 67.3                 | 201                       | 189.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 57.4                 | 194                       | 161.8                     | 63.9                 | 198                       | 173.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 53.7                 | 190                       | 150.3                     | 60.5                 | 196                       | 162.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 49.8                 | 186                       | 141.1                     | 56.9                 | 192                       | 150.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 78   |                      |                           |                           |                      |                           |                           | 65.0                 | 196                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 80   | 45.7                 | 181                       | 128.2                     | 53.2                 | 189                       | 140.8                     | 63.7                 | 195                       | 136.8                     |                      |                           |                           |                      |                           |                           |
| 85   | 41.2                 | 176                       | 116.6                     | 49.3                 | 184                       | 132.8                     | 60.2                 | 192                       | 127.7                     |                      |                           |                           |                      |                           |                           |
| 90   | 36.3                 | 170                       | 106.8                     | 45.1                 | 180                       | 123.9                     | 56.7                 | 189                       | 120.3                     |                      |                           |                           |                      |                           |                           |
| 95   | 30.7                 | 162                       | 96.5                      | 40.6                 | 174                       | 116.0                     | 52.9                 | 185                       | 113.0                     |                      |                           |                           |                      |                           |                           |
| 100  | 23.9                 | 151                       | 85.3                      | 35.6                 | 168                       | 109.7                     | 49.0                 | 181                       | 106.0                     |                      |                           |                           |                      |                           |                           |
| 105  |                      |                           |                           | 29.9                 | 159                       | 99.0                      | 44.8                 | 176                       | 99.9                      |                      |                           |                           |                      |                           |                           |
| 109  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 180                       | 66.4                      |                      |                           |                           |
| 110  |                      |                           |                           | 22.8                 | 149                       | 88.0                      | 40.2                 | 170                       | 94.3                      | 54.7                 | 180                       | 89.1                      |                      |                           |                           |
| 115  |                      |                           |                           |                      |                           |                           | 35.2                 | 164                       | 89.3                      | 50.9                 | 176                       | 84.3                      |                      |                           |                           |
| 120  |                      |                           |                           |                      |                           |                           | 29.4                 | 155                       | 84.7                      | 46.8                 | 172                       | 80.1                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           | 22.1                 | 144                       | 80.5                      | 42.5                 | 166                       | 76.1                      |                      |                           |                           |
| 130  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 37.7                 | 160                       | 72.5                      |                      |                           |                           |
| 135  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.3                 | 153                       | 69.2                      |                      |                           |                           |
| 140  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.9                 | 143                       | 66.2                      |                      |                           |                           |
| 162  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 134                       | 49.4                      |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.2                 | 129                       | 48.2                      |
| 170  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.4                 | 119                       | 46.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>105 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 36  | 78.0                 | 217                       | 242.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 75.7                 | 216                       | 234.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 72.8                 | 214                       | 216.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 69.9                 | 212                       | 199.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 54  |                      |                           |                           | 73.0                 | 213                       | 199.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 67.0                 | 210                       | 185.4                     | 72.4                 | 213                       | 199.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 63.9                 | 208                       | 172.4                     | 69.5                 | 211                       | 187.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 60.8                 | 205                       | 162.4                     | 66.6                 | 209                       | 173.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 57.6                 | 202                       | 149.9                     | 63.5                 | 207                       | 160.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 54.3                 | 199                       | 139.3                     | 60.4                 | 204                       | 150.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 50.8                 | 195                       | 130.8                     | 57.2                 | 201                       | 139.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 82  |                      |                           |                           |                      |                           |                           | 65.0                 | 205                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 85  | 47.1                 | 190                       | 120.6                     | 53.8                 | 197                       | 131.4                     | 63.3                 | 203                       | 127.1                     |                      |                           |                           |                      |                           |                           |
| 90  | 43.2                 | 185                       | 110.4                     | 50.3                 | 193                       | 124.4                     | 60.2                 | 200                       | 119.2                     |                      |                           |                           |                      |                           |                           |
| 95  | 39.0                 | 179                       | 101.4                     | 46.6                 | 189                       | 116.4                     | 56.9                 | 197                       | 112.6                     |                      |                           |                           |                      |                           |                           |
| 100   | 34.3                 | 172                       | 93.8                      | 42.7                 | 183                       | 109.3                     | 53.6                 | 194                       | 105.9                     |                      |                           |                           |                      |                           |                           |
| 105   | 29.0                 | 164                       | 84.6                      | 38.4                 | 177                       | 103.2                     | 50.0                 | 190                       | 99.8                      |                      |                           |                           |                      |                           |                           |
| 110   | 22.4                 | 153                       | 75.3                      | 33.6                 | 170                       | 96.5                      | 46.3                 | 185                       | 94.2                      |                      |                           |                           |                      |                           |                           |
| 115   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 188                       | 66.4                      |                      |                           |                           |
| 115   |                      |                           |                           | 28.2                 | 162                       | 87.3                      | 42.4                 | 180                       | 89.2                      | 54.9                 | 188                       | 66.4                      |                      |                           |                           |
| 120   |                      |                           |                           | 21.4                 | 150                       | 78.0                      | 38.0                 | 174                       | 84.7                      | 51.8                 | 185                       | 79.9                      |                      |                           |                           |
| 125   |                      |                           |                           |                      |                           |                           | 33.2                 | 166                       | 80.5                      | 48.1                 | 180                       | 76.0                      |                      |                           |                           |
| 130   |                      |                           |                           |                      |                           |                           | 27.7                 | 158                       | 76.7                      | 44.3                 | 175                       | 72.4                      |                      |                           |                           |
| 135   |                      |                           |                           |                      |                           |                           | 20.8                 | 146                       | 73.2                      | 40.2                 | 170                       | 69.2                      |                      |                           |                           |
| 140   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.9                 | 162                       | 66.1                      |                      |                           |                           |
| 145   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.5                 | 155                       | 63.3                      |                      |                           |                           |
| 150   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.3                 | 145                       | 60.7                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 140                       | 46.4                      |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.8                 | 140                       | 46.3                      |
| 175   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 131                       | 44.6                      |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.9                 | 120                       | 43.0                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|---|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|   | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| <b>105 ft Main boom</b><br><b>115 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)</b> |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 38  | 78.0                 | 226                                | 223.3                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 40  | 76.9                 | 226                                | 223.3                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 45  | 74.3                 | 225                                | 208.0                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50  | 71.7                 | 223                                | 192.8                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55  | 69.1                 | 221                                | 180.9                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 57  |                      |                                    |                                    | 73.0                 | 223                                | 187.8                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60  | 66.3                 | 219                                | 167.9                              | 71.4                 | 222                                | 186.1                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65  | 63.6                 | 217                                | 157.2                              | 68.7                 | 220                                | 171.5                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 70  | 60.7                 | 214                                | 148.6                              | 66.0                 | 218                                | 159.1                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 75  | 57.8                 | 211                                | 137.5                              | 63.2                 | 215                                | 148.0                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 80  | 54.8                 | 207                                | 128.1                              | 60.3                 | 212                                | 139.7                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 85  | 51.6                 | 203                                | 120.3                              | 57.4                 | 209                                | 130.4                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 86  |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 214                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 90  | 48.3                 | 199                                | 112.4                              | 54.3                 | 206                                | 122.7                              | 63.0                 | 212                                | 119.0                              |                      |                                    |                                    |                      |                                    |                                    |
| 95  | 44.8                 | 194                                | 103.5                              | 51.2                 | 202                                | 116.6                              | 60.1                 | 209                                | 112.0                              |                      |                                    |                                    |                      |                                    |                                    |
| 100   | 41.1                 | 189                                | 95.5                               | 47.8                 | 198                                | 109.4                              | 57.2                 | 206                                | 105.4                              |                      |                                    |                                    |                      |                                    |                                    |
| 105   | 37.1                 | 182                                | 88.5                               | 44.3                 | 192                                | 102.7                              | 54.1                 | 202                                | 99.3                               |                      |                                    |                                    |                      |                                    |                                    |
| 110   | 32.6                 | 175                                | 81.8                               | 40.6                 | 187                                | 96.6                               | 50.9                 | 198                                | 93.7                               |                      |                                    |                                    |                      |                                    |                                    |
| 115   | 27.5                 | 166                                | 74.2                               | 36.5                 | 180                                | 91.4                               | 47.6                 | 194                                | 88.8                               |                      |                                    |                                    |                      |                                    |                                    |
| 120   | 21.2                 | 154                                | 66.5                               | 31.9                 | 173                                | 85.1                               | 44.0                 | 189                                | 84.2                               |                      |                                    |                                    |                      |                                    |                                    |
| 121   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 196                                | 66.4                               |                      |                                    |                                    |
| 125   |                      |                                    |                                    | 26.7                 | 164                                | 77.3                               | 40.3                 | 183                                | 80.1                               | 52.5                 | 193                                | 75.4                               |                      |                                    |                                    |
| 130   |                      |                                    |                                    | 20.2                 | 151                                | 69.4                               | 36.1                 | 177                                | 76.3                               | 49.2                 | 189                                | 71.9                               |                      |                                    |                                    |
| 135   |                      |                                    |                                    |                      |                                    |                                    | 31.5                 | 169                                | 72.9                               | 45.8                 | 184                                | 68.6                               |                      |                                    |                                    |
| 140   |                      |                                    |                                    |                      |                                    |                                    | 26.2                 | 159                                | 69.6                               | 41.6                 | 178                                | 65.6                               |                      |                                    |                                    |
| 145   |                      |                                    |                                    |                      |                                    |                                    | 21.2                 | 150                                | 33.4                               | 37.6                 | 172                                | 62.8                               |                      |                                    |                                    |
| 150   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 33.1                 | 165                                | 60.2                               |                      |                                    |                                    |
| 155   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 28.9                 | 157                                | 57.8                               |                      |                                    |                                    |
| 160   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 23.0                 | 147                                | 55.5                               |                      |                                    |                                    |
| 178   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 146                                | 43.1                               |
| 180   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 33.8                 | 144                                | 42.5                               |
| 185   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 27.9                 | 133                                | 41.0                               |
| 190   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 22.9                 | 124                                | 39.6                               |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbony counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>125 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 78.0                 | 236                       | 207.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 75.6                 | 235                       | 201.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 73.2                 | 233                       | 188.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 70.8                 | 232                       | 175.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  |                      |                           |                           | 73.0                 | 232                       | 177.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 68.3                 | 230                       | 165.9                     | 72.9                 | 232                       | 177.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 65.8                 | 228                       | 154.6                     | 70.5                 | 230                       | 170.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 63.2                 | 225                       | 145.5                     | 68.0                 | 228                       | 158.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 60.6                 | 222                       | 137.9                     | 65.5                 | 226                       | 147.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 57.9                 | 219                       | 127.9                     | 62.9                 | 224                       | 137.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 55.1                 | 216                       | 119.2                     | 60.3                 | 221                       | 130.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 52.3                 | 212                       | 111.9                     | 57.5                 | 218                       | 122.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 49.3                 | 208                       | 105.4                     | 54.8                 | 214                       | 115.0                     | 65.0                 | 222                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 105   | 46.1                 | 203                       | 97.7                      | 51.9                 | 210                       | 109.5                     | 62.7                 | 220                       | 111.5                     |                      |                           |                           |                      |                           |                           |
| 110   | 42.8                 | 198                       | 90.6                      | 48.8                 | 206                       | 103.5                     | 60.1                 | 217                       | 105.1                     |                      |                           |                           |                      |                           |                           |
| 115   | 39.2                 | 192                       | 84.2                      | 45.7                 | 202                       | 97.2                      | 57.3                 | 214                       | 98.9                      |                      |                           |                           |                      |                           |                           |
| 120   | 35.4                 | 185                       | 78.6                      | 42.3                 | 196                       | 91.4                      | 54.5                 | 211                       | 93.4                      |                      |                           |                           |                      |                           |                           |
| 125   | 31.1                 | 177                       | 72.6                      | 38.7                 | 190                       | 86.3                      | 51.6                 | 207                       | 88.4                      |                      |                           |                           |                      |                           |                           |
| 130   | 26.1                 | 168                       | 66.2                      | 34.8                 | 183                       | 82.2                      | 48.6                 | 203                       | 83.9                      |                      |                           |                           |                      |                           |                           |
| 135   |                      |                           |                           |                      |                           |                           | 45.4                 | 198                       | 79.8                      | 55.0                 | 204                       | 66.4                      |                      |                           |                           |
| 140   | 20.1                 | 156                       | 59.7                      | 30.4                 | 175                       | 75.6                      | 42.0                 | 192                       | 76.1                      | 53.0                 | 202                       | 71.5                      |                      |                           |                           |
| 145   |                      |                           |                           | 25.4                 | 165                       | 69.1                      | 38.4                 | 186                       | 72.6                      | 50.1                 | 198                       | 68.3                      |                      |                           |                           |
| 150   |                      |                           |                           | 19.1                 | 153                       | 62.3                      | 34.5                 | 179                       | 69.4                      | 47.0                 | 193                       | 65.3                      |                      |                           |                           |
| 155   |                      |                           |                           |                      |                           |                           | 30.1                 | 171                       | 66.4                      | 43.7                 | 188                       | 62.5                      |                      |                           |                           |
| 160   |                      |                           |                           |                      |                           |                           | 24.9                 | 161                       | 63.7                      | 39.7                 | 182                       | 59.9                      |                      |                           |                           |
| 165   |                      |                           |                           |                      |                           |                           | 20.1                 | 151                       | 33.4                      | 36.4                 | 176                       | 57.5                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.5                 | 167                       | 55.2                      |                      |                           |                           |
| 186   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.6                 | 158                       | 53.1                      |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.6                 | 146                       | 51.1                      |                      |                           |                           |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 151                       | 40.3                      |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.5                 | 145                       | 39.2                      |
|   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.5                 | 135                       | 37.9                      |
|   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.5                 | 123                       | 36.6                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>134 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 42  | 78.0                 | 246                       | 192.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 76.7                 | 245                       | 192.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 74.5                 | 244                       | 181.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 72.2                 | 242                       | 170.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 70.0                 | 240                       | 160.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 63  |                      |                           |                           | 73.0                 | 242                       | 167.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 67.7                 | 238                       | 151.8                     | 71.9                 | 241                       | 167.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 65.4                 | 236                       | 142.0                     | 69.7                 | 239                       | 156.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 63.0                 | 234                       | 134.1                     | 67.4                 | 237                       | 147.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 60.5                 | 231                       | 127.3                     | 65.0                 | 235                       | 136.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 58.0                 | 228                       | 118.5                     | 62.6                 | 232                       | 128.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 55.5                 | 224                       | 110.7                     | 60.2                 | 229                       | 121.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 94  |                      |                           |                           |                      |                           |                           | 65.0                 | 232                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 95  | 52.8                 | 221                       | 104.1                     | 57.7                 | 226                       | 114.2                     | 64.8                 | 231                       | 107.9                     |                      |                           |                           |                      |                           |                           |
| 100   | 50.1                 | 216                       | 98.7                      | 55.1                 | 223                       | 107.6                     | 62.5                 | 229                       | 104.5                     |                      |                           |                           |                      |                           |                           |
| 105   | 47.2                 | 212                       | 92.0                      | 52.4                 | 219                       | 102.3                     | 60.0                 | 226                       | 98.4                      |                      |                           |                           |                      |                           |                           |
| 110   | 44.2                 | 207                       | 85.7                      | 49.7                 | 215                       | 97.2                      | 57.5                 | 223                       | 92.9                      |                      |                           |                           |                      |                           |                           |
| 115   | 41.0                 | 201                       | 79.9                      | 46.8                 | 210                       | 91.4                      | 54.9                 | 219                       | 87.9                      |                      |                           |                           |                      |                           |                           |
| 120   | 37.6                 | 195                       | 74.7                      | 43.7                 | 205                       | 86.1                      | 52.2                 | 216                       | 83.4                      |                      |                           |                           |                      |                           |                           |
| 125   | 33.8                 | 188                       | 70.1                      | 40.5                 | 200                       | 81.5                      | 49.5                 | 211                       | 79.3                      |                      |                           |                           |                      |                           |                           |
| 130   | 29.7                 | 180                       | 64.6                      | 37.1                 | 193                       | 77.5                      | 46.6                 | 207                       | 75.6                      |                      |                           |                           |                      |                           |                           |
| 132   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 213                       | 66.4                      |                      |                           |                           |
| 135   | 24.9                 | 170                       | 59.1                      | 33.3                 | 186                       | 72.9                      | 43.5                 | 202                       | 72.1                      | 53.5                 | 210                       | 67.7                      |                      |                           |                           |
| 140   | 19.1                 | 157                       | 53.5                      | 29.1                 | 177                       | 67.3                      | 40.3                 | 196                       | 68.9                      | 50.5                 | 206                       | 64.7                      |                      |                           |                           |
| 145   |                      |                           |                           | 24.2                 | 167                       | 61.7                      | 36.2                 | 188                       | 66.0                      | 47.7                 | 202                       | 61.9                      |                      |                           |                           |
| 150   |                      |                           |                           | 18.1                 | 154                       | 55.9                      | 33.0                 | 182                       | 63.3                      | 45.0                 | 197                       | 59.4                      |                      |                           |                           |
| 155   |                      |                           |                           |                      |                           |                           | 28.0                 | 172                       | 60.7                      | 41.8                 | 192                       | 57.0                      |                      |                           |                           |
| 160   |                      |                           |                           |                      |                           |                           | 22.8                 | 161                       | 58.3                      | 38.0                 | 185                       | 54.7                      |                      |                           |                           |
| 165   |                      |                           |                           |                      |                           |                           | 19.1                 | 152                       | 33.4                      | 34.3                 | 178                       | 52.6                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.9                 | 171                       | 50.7                      |                      |                           |                           |
| 175   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.4                 | 160                       | 48.8                      |                      |                           |                           |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 150                       | 47.1                      |                      |                           |                           |
| 194   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 157                       | 37.6                      |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.8                 | 156                       | 37.4                      |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.1                 | 147                       | 36.1                      |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.3                 | 137                       | 34.9                      |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.7                 | 127                       | 33.8                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>144 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 44  | 78.0                 | 255                       | 179.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 77.6                 | 255                       | 179.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 75.6                 | 254                       | 174.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 73.5                 | 252                       | 166.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 71.4                 | 251                       | 156.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 69.3                 | 249                       | 149.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 66  |                      |                           |                           | 73.0                 | 251                       | 158.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 67.1                 | 247                       | 140.8                     | 71.1                 | 250                       | 155.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 65.0                 | 245                       | 132.2                     | 69.0                 | 248                       | 145.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 62.7                 | 242                       | 125.2                     | 66.8                 | 246                       | 136.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 60.5                 | 239                       | 119.0                     | 64.7                 | 243                       | 127.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 58.1                 | 236                       | 111.1                     | 62.4                 | 241                       | 120.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 55.8                 | 233                       | 104.0                     | 60.1                 | 238                       | 114.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 99  |                      |                           |                           |                      |                           |                           | 65.0                 | 240                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 100   | 53.3                 | 229                       | 97.9                      | 57.8                 | 235                       | 107.3                     | 64.5                 | 240                       | 102.0                     |                      |                           |                           |                      |                           |                           |
| 105   | 50.8                 | 225                       | 92.7                      | 55.4                 | 231                       | 101.3                     | 62.3                 | 237                       | 98.2                      |                      |                           |                           |                      |                           |                           |
| 110   | 48.1                 | 221                       | 87.3                      | 52.9                 | 228                       | 96.2                      | 60.0                 | 234                       | 92.7                      |                      |                           |                           |                      |                           |                           |
| 115   | 45.4                 | 216                       | 81.6                      | 50.4                 | 224                       | 92.2                      | 57.6                 | 231                       | 87.7                      |                      |                           |                           |                      |                           |                           |
| 120   | 42.5                 | 211                       | 76.4                      | 47.7                 | 219                       | 87.3                      | 55.2                 | 228                       | 83.2                      |                      |                           |                           |                      |                           |                           |
| 125   | 39.4                 | 205                       | 71.6                      | 45.0                 | 214                       | 82.4                      | 52.8                 | 224                       | 79.1                      |                      |                           |                           |                      |                           |                           |
| 130   | 36.1                 | 198                       | 67.4                      | 42.0                 | 209                       | 77.8                      | 50.2                 | 220                       | 75.4                      |                      |                           |                           |                      |                           |                           |
| 135   | 32.5                 | 191                       | 63.1                      | 38.9                 | 203                       | 73.8                      | 47.5                 | 216                       | 71.9                      |                      |                           |                           |                      |                           |                           |
| 138   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 221                       | 65.9                      |                      |                           |                           |
| 140   | 28.5                 | 182                       | 58.4                      | 35.6                 | 196                       | 70.2                      | 44.7                 | 211                       | 68.8                      | 54.0                 | 219                       | 64.5                      |                      |                           |                           |
| 145   | 23.9                 | 171                       | 53.6                      | 32.0                 | 188                       | 65.6                      | 41.8                 | 205                       | 65.8                      | 51.2                 | 215                       | 61.7                      |                      |                           |                           |
| 150   | 18.2                 | 158                       | 48.7                      | 27.9                 | 180                       | 60.7                      | 38.2                 | 198                       | 63.1                      | 48.5                 | 210                       | 59.1                      |                      |                           |                           |
| 155   |                      |                           |                           | 23.2                 | 169                       | 55.8                      | 35.3                 | 192                       | 60.6                      | 46.1                 | 206                       | 56.8                      |                      |                           |                           |
| 160   |                      |                           |                           | 17.2                 | 155                       | 50.8                      | 31.7                 | 185                       | 58.2                      | 42.9                 | 200                       | 54.5                      |                      |                           |                           |
| 165   |                      |                           |                           |                      |                           |                           | 27.6                 | 176                       | 56.0                      | 40.2                 | 195                       | 52.5                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           | 22.8                 | 164                       | 53.9                      | 36.5                 | 188                       | 50.5                      |                      |                           |                           |
| 175   |                      |                           |                           |                      |                           |                           | 18.2                 | 154                       | 33.4                      | 33.5                 | 182                       | 48.7                      |                      |                           |                           |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 172                       | 46.9                      |                      |                           |                           |
| 185   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.2                 | 163                       | 45.3                      |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.6                 | 148                       | 43.7                      |                      |                           |                           |
| 202   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 162                       | 35.4                      |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.8                 | 158                       | 34.7                      |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.8                 | 149                       | 33.6                      |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.1                 | 143                       | 32.6                      |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.0                 | 131                       | 31.6                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>154 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 46  | 78.0                 | 265                       | 164.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 76.5                 | 264                       | 163.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 74.6                 | 263                       | 157.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 72.6                 | 261                       | 150.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 70.7                 | 260                       | 142.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 68  |                      |                           |                           | 73.0                 | 260                       | 147.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 68.7                 | 258                       | 137.1                     | 72.4                 | 260                       | 147.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 66.7                 | 255                       | 128.5                     | 70.4                 | 258                       | 143.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 64.6                 | 253                       | 121.2                     | 68.4                 | 256                       | 133.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 62.5                 | 250                       | 115.2                     | 66.4                 | 254                       | 126.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 60.4                 | 248                       | 109.8                     | 64.3                 | 252                       | 118.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 58.2                 | 245                       | 102.9                     | 62.2                 | 249                       | 112.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 56.0                 | 241                       | 96.7                      | 60.1                 | 246                       | 107.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 103   |                      |                           |                           |                      |                           |                           | 65.0                 | 249                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 105   | 53.7                 | 238                       | 91.2                      | 57.9                 | 243                       | 100.7                     | 64.2                 | 248                       | 96.5                      |                      |                           |                           |                      |                           |                           |
| 110   | 51.3                 | 234                       | 86.6                      | 55.7                 | 240                       | 95.1                      | 62.1                 | 246                       | 92.2                      |                      |                           |                           |                      |                           |                           |
| 115   | 48.9                 | 230                       | 82.2                      | 53.4                 | 236                       | 90.2                      | 59.9                 | 243                       | 87.2                      |                      |                           |                           |                      |                           |                           |
| 120   | 46.4                 | 225                       | 77.1                      | 51.0                 | 232                       | 86.6                      | 57.8                 | 240                       | 82.7                      |                      |                           |                           |                      |                           |                           |
| 125   | 43.7                 | 220                       | 72.4                      | 48.6                 | 228                       | 82.1                      | 55.5                 | 236                       | 78.6                      |                      |                           |                           |                      |                           |                           |
| 130   | 40.9                 | 214                       | 68.1                      | 46.0                 | 223                       | 77.6                      | 53.2                 | 233                       | 74.9                      |                      |                           |                           |                      |                           |                           |
| 135   | 37.9                 | 208                       | 64.1                      | 43.3                 | 218                       | 73.4                      | 50.8                 | 229                       | 71.5                      |                      |                           |                           |                      |                           |                           |
| 140   | 34.7                 | 201                       | 60.6                      | 40.5                 | 212                       | 69.6                      | 48.4                 | 224                       | 68.3                      |                      |                           |                           |                      |                           |                           |
| 143   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 229                       | 62.1                      |                      |                           |                           |
| 145   | 31.3                 | 193                       | 56.6                      | 37.5                 | 206                       | 66.1                      | 45.8                 | 220                       | 65.4                      | 54.1                 | 227                       | 61.1                      |                      |                           |                           |
| 150   | 27.4                 | 184                       | 52.4                      | 34.3                 | 199                       | 62.8                      | 43.1                 | 214                       | 62.7                      | 51.8                 | 223                       | 58.6                      |                      |                           |                           |
| 155   | 22.9                 | 173                       | 48.2                      | 30.8                 | 191                       | 58.6                      | 39.9                 | 208                       | 60.1                      | 49.3                 | 219                       | 56.2                      |                      |                           |                           |
| 160   | 17.3                 | 159                       | 43.9                      | 26.8                 | 182                       | 54.4                      | 37.3                 | 202                       | 57.8                      | 46.8                 | 214                       | 54.0                      |                      |                           |                           |
| 165   |                      |                           |                           | 22.2                 | 170                       | 50.1                      | 34.0                 | 195                       | 55.6                      | 44.1                 | 209                       | 51.9                      |                      |                           |                           |
| 170   |                      |                           |                           | 16.4                 | 155                       | 45.8                      | 30.5                 | 187                       | 53.5                      | 41.3                 | 204                       | 50.0                      |                      |                           |                           |
| 175   |                      |                           |                           |                      |                           |                           | 25.7                 | 176                       | 51.5                      | 38.7                 | 198                       | 48.2                      |                      |                           |                           |
| 180   |                      |                           |                           |                      |                           |                           | 21.8                 | 166                       | 49.7                      | 35.1                 | 191                       | 46.4                      |                      |                           |                           |
| 185   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.6                 | 183                       | 44.8                      |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 175                       | 43.3                      |                      |                           |                           |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.3                 | 163                       | 41.8                      |                      |                           |                           |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.8                 | 149                       | 40.4                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 168                       | 33.0                      |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.9                 | 164                       | 32.1                      |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.3                 | 155                       | 31.0                      |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.1                 | 145                       | 30.1                      |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.1                 | 133                       | 29.1                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>164 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 48  | 78.0                 | 275                       | 151.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 77.3                 | 274                       | 151.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 75.5                 | 273                       | 149.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 73.7                 | 272                       | 144.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 71.9                 | 270                       | 137.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 70.0                 | 268                       | 131.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 71  |                      |                           |                           | 73.0                 | 270                       | 139.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 68.2                 | 266                       | 126.5                     | 71.6                 | 269                       | 139.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 66.2                 | 264                       | 119.0                     | 69.8                 | 267                       | 131.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 64.3                 | 262                       | 112.7                     | 67.9                 | 265                       | 124.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 62.3                 | 259                       | 107.4                     | 66.0                 | 263                       | 117.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 60.3                 | 256                       | 102.5                     | 64.0                 | 260                       | 111.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 58.3                 | 253                       | 96.4                      | 62.1                 | 258                       | 105.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 56.2                 | 250                       | 90.8                      | 60.1                 | 255                       | 100.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 107   |                      |                           |                           |                      |                           |                           | 65.0                 | 258                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 110   | 54.1                 | 246                       | 85.9                      | 58.0                 | 252                       | 94.9                      | 63.9                 | 257                       | 91.5                      |                      |                           |                           |                      |                           |                           |
| 115   | 51.9                 | 242                       | 81.6                      | 55.9                 | 248                       | 89.8                      | 61.9                 | 254                       | 86.8                      |                      |                           |                           |                      |                           |                           |
| 120   | 49.6                 | 238                       | 77.9                      | 53.8                 | 245                       | 85.3                      | 59.9                 | 251                       | 82.3                      |                      |                           |                           |                      |                           |                           |
| 125   | 47.2                 | 234                       | 73.4                      | 51.6                 | 241                       | 81.6                      | 57.9                 | 248                       | 78.3                      |                      |                           |                           |                      |                           |                           |
| 130   | 44.8                 | 229                       | 69.2                      | 49.3                 | 237                       | 77.8                      | 55.8                 | 245                       | 74.5                      |                      |                           |                           |                      |                           |                           |
| 135   | 42.2                 | 223                       | 65.2                      | 46.9                 | 232                       | 73.7                      | 53.6                 | 241                       | 71.1                      |                      |                           |                           |                      |                           |                           |
| 140   | 39.5                 | 218                       | 61.5                      | 44.4                 | 227                       | 69.9                      | 51.4                 | 237                       | 67.9                      |                      |                           |                           |                      |                           |                           |
| 145   | 36.6                 | 211                       | 58.2                      | 41.8                 | 222                       | 66.3                      | 48.8                 | 233                       | 65.0                      |                      |                           |                           |                      |                           |                           |
| 149   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 237                       | 58.8                      |                      |                           |                           |
| 150   | 33.5                 | 204                       | 55.2                      | 39.1                 | 216                       | 63.0                      | 46.4                 | 228                       | 62.3                      | 54.5                 | 236                       | 58.2                      |                      |                           |                           |
| 155   | 30.2                 | 195                       | 51.5                      | 36.2                 | 209                       | 60.1                      | 44.2                 | 223                       | 59.8                      | 52.3                 | 232                       | 55.8                      |                      |                           |                           |
| 160   | 26.4                 | 186                       | 47.8                      | 33.1                 | 202                       | 56.8                      | 41.3                 | 217                       | 57.4                      | 50.0                 | 228                       | 53.6                      |                      |                           |                           |
| 165   | 22.0                 | 174                       | 44.0                      | 29.7                 | 193                       | 53.1                      | 38.5                 | 211                       | 55.2                      | 47.9                 | 224                       | 51.6                      |                      |                           |                           |
| 170   | 16.6                 | 160                       | 40.2                      | 25.8                 | 184                       | 49.4                      | 36.0                 | 205                       | 53.2                      | 45.1                 | 218                       | 49.6                      |                      |                           |                           |
| 175   |                      |                           |                           | 21.4                 | 172                       | 45.6                      | 32.3                 | 196                       | 51.2                      | 42.6                 | 213                       | 47.8                      |                      |                           |                           |
| 180   |                      |                           |                           | 15.7                 | 156                       | 41.8                      | 28.8                 | 188                       | 49.4                      | 40.2                 | 208                       | 46.1                      |                      |                           |                           |
| 185   |                      |                           |                           |                      |                           |                           | 25.5                 | 179                       | 47.7                      | 37.4                 | 202                       | 44.5                      |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           | 20.0                 | 165                       | 46.0                      | 33.9                 | 193                       | 42.9                      |                      |                           |                           |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.1                 | 187                       | 41.5                      |                      |                           |                           |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.8                 | 176                       | 40.1                      |                      |                           |                           |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.3                 | 167                       | 38.8                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.4                 | 156                       | 33.4                      |                      |                           |                           |
| 218   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 174                       | 30.9                      |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.3                 | 172                       | 30.6                      |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.8                 | 166                       | 29.6                      |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.2                 | 157                       | 28.7                      |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.2                 | 147                       | 27.8                      |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.3                 | 134                       | 26.9                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>174 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 78.0                 | 284                       | 139.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 76.4                 | 283                       | 139.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 74.7                 | 282                       | 135.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 72.9                 | 280                       | 131.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 71.2                 | 279                       | 126.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 74  |                      |                           |                           | 73.0                 | 279                       | 131.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 69.4                 | 277                       | 121.7                     | 72.7                 | 279                       | 131.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 67.7                 | 275                       | 116.5                     | 71.0                 | 277                       | 129.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 65.9                 | 272                       | 110.3                     | 69.2                 | 276                       | 122.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 64.0                 | 270                       | 105.0                     | 67.4                 | 273                       | 116.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 62.2                 | 268                       | 100.6                     | 65.6                 | 271                       | 110.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 60.3                 | 265                       | 96.2                      | 63.8                 | 269                       | 104.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 58.4                 | 262                       | 90.6                      | 61.9                 | 266                       | 99.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 56.4                 | 258                       | 85.4                      | 60.0                 | 263                       | 94.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 111   |                      |                           |                           |                      |                           |                           | 65.0                 | 267                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 115   | 54.4                 | 255                       | 80.8                      | 58.1                 | 260                       | 89.2                      | 63.6                 | 265                       | 86.3                      |                      |                           |                           |                      |                           |                           |
| 120   | 52.3                 | 251                       | 76.8                      | 56.1                 | 257                       | 84.4                      | 61.8                 | 263                       | 81.8                      |                      |                           |                           |                      |                           |                           |
| 125   | 50.2                 | 247                       | 73.4                      | 54.1                 | 253                       | 80.2                      | 59.9                 | 260                       | 77.7                      |                      |                           |                           |                      |                           |                           |
| 130   | 48.0                 | 242                       | 69.5                      | 52.0                 | 250                       | 76.6                      | 57.9                 | 257                       | 74.0                      |                      |                           |                           |                      |                           |                           |
| 135   | 45.7                 | 238                       | 65.6                      | 49.9                 | 245                       | 73.3                      | 56.0                 | 253                       | 70.6                      |                      |                           |                           |                      |                           |                           |
| 140   | 43.3                 | 233                       | 62.0                      | 47.7                 | 241                       | 69.5                      | 53.9                 | 250                       | 67.4                      |                      |                           |                           |                      |                           |                           |
| 145   | 40.8                 | 227                       | 58.6                      | 45.4                 | 236                       | 66.0                      | 51.7                 | 246                       | 64.5                      |                      |                           |                           |                      |                           |                           |
| 150   | 38.2                 | 221                       | 55.5                      | 43.0                 | 231                       | 62.7                      | 49.5                 | 241                       | 61.8                      |                      |                           |                           |                      |                           |                           |
| 154   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 245                       | 55.5                      |                      |                           |                           |
| 155   | 35.4                 | 214                       | 52.8                      | 40.5                 | 225                       | 59.7                      | 47.3                 | 237                       | 59.3                      | 54.9                 | 245                       | 55.3                      |                      |                           |                           |
| 160   | 32.4                 | 206                       | 49.8                      | 37.8                 | 219                       | 56.9                      | 45.2                 | 232                       | 57.0                      | 52.9                 | 241                       | 53.1                      |                      |                           |                           |
| 165   | 29.2                 | 198                       | 46.5                      | 35.0                 | 212                       | 54.4                      | 42.8                 | 227                       | 54.8                      | 50.5                 | 236                       | 51.0                      |                      |                           |                           |
| 170   | 25.5                 | 188                       | 43.2                      | 32.0                 | 204                       | 51.2                      | 39.9                 | 220                       | 52.7                      | 48.6                 | 233                       | 49.1                      |                      |                           |                           |
| 175   | 21.2                 | 176                       | 39.9                      | 28.7                 | 195                       | 47.9                      | 37.6                 | 215                       | 50.8                      | 46.3                 | 228                       | 47.3                      |                      |                           |                           |
| 180   | 15.9                 | 160                       | 36.5                      | 25.0                 | 185                       | 44.6                      | 34.8                 | 208                       | 49.0                      | 44.0                 | 223                       | 45.6                      |                      |                           |                           |
| 185   |                      |                           |                           | 20.6                 | 173                       | 41.3                      | 31.2                 | 199                       | 47.2                      | 41.5                 | 217                       | 44.0                      |                      |                           |                           |
| 190   |                      |                           |                           | 16.4                 | 161                       | 33.4                      | 27.8                 | 190                       | 45.6                      | 38.5                 | 210                       | 42.4                      |                      |                           |                           |
| 195   |                      |                           |                           |                      |                           |                           | 24.6                 | 181                       | 44.1                      | 35.8                 | 204                       | 41.0                      |                      |                           |                           |
| 200   |                      |                           |                           |                      |                           |                           | 20.2                 | 169                       | 42.5                      | 32.8                 | 196                       | 39.6                      |                      |                           |                           |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.5                 | 187                       | 38.3                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.5                 | 179                       | 37.1                      |                      |                           |                           |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.6                 | 166                       | 35.9                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.7                 | 157                       | 33.4                      |                      |                           |                           |
| 226   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 180                       | 28.5                      |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.9                 | 177                       | 27.9                      |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.7                 | 168                       | 27.0                      |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.3                 | 159                       | 26.1                      |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.3                 | 148                       | 25.3                      |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.6                 | 135                       | 24.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>184 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 52  | 78.0                 | 294                       | 129.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 77.1                 | 293                       | 129.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 75.5                 | 292                       | 127.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 73.9                 | 291                       | 125.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 72.3                 | 289                       | 121.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 70.6                 | 287                       | 117.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 77  |                      |                           |                           | 73.0                 | 289                       | 124.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 68.9                 | 285                       | 113.9                     | 72.0                 | 288                       | 124.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 67.2                 | 283                       | 108.8                     | 70.4                 | 286                       | 121.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 65.5                 | 281                       | 103.5                     | 68.7                 | 284                       | 115.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 63.8                 | 279                       | 98.9                      | 67.0                 | 282                       | 109.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 62.0                 | 276                       | 95.2                      | 65.3                 | 280                       | 103.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 60.3                 | 273                       | 91.3                      | 63.6                 | 277                       | 98.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 58.4                 | 270                       | 86.0                      | 61.8                 | 275                       | 93.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 56.6                 | 267                       | 81.1                      | 60.0                 | 272                       | 89.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   |                      |                           |                           |                      |                           |                           | 65.0                 | 276                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 120   | 54.7                 | 263                       | 76.7                      | 58.2                 | 269                       | 84.4                      | 63.4                 | 274                       | 81.6                      |                      |                           |                           |                      |                           |                           |
| 125   | 52.7                 | 260                       | 72.9                      | 56.3                 | 265                       | 79.9                      | 61.7                 | 271                       | 77.5                      |                      |                           |                           |                      |                           |                           |
| 130   | 50.7                 | 256                       | 69.5                      | 54.4                 | 262                       | 75.9                      | 59.9                 | 268                       | 73.8                      |                      |                           |                           |                      |                           |                           |
| 135   | 48.7                 | 251                       | 66.2                      | 52.4                 | 258                       | 72.5                      | 58.0                 | 265                       | 70.3                      |                      |                           |                           |                      |                           |                           |
| 140   | 46.5                 | 247                       | 62.8                      | 50.4                 | 254                       | 69.5                      | 56.2                 | 262                       | 67.2                      |                      |                           |                           |                      |                           |                           |
| 145   | 44.3                 | 242                       | 59.4                      | 48.4                 | 250                       | 66.1                      | 54.3                 | 258                       | 64.3                      |                      |                           |                           |                      |                           |                           |
| 150   | 42.0                 | 236                       | 56.3                      | 46.2                 | 245                       | 62.9                      | 52.1                 | 254                       | 61.6                      |                      |                           |                           |                      |                           |                           |
| 155   | 39.6                 | 230                       | 53.4                      | 44.0                 | 240                       | 59.9                      | 50.3                 | 250                       | 59.1                      |                      |                           |                           |                      |                           |                           |
| 160   | 37.0                 | 224                       | 50.8                      | 41.7                 | 234                       | 57.0                      | 48.0                 | 246                       | 56.7                      |                      |                           |                           |                      |                           |                           |
| 160   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 253                       | 52.7                      |                      |                           |                           |
| 165   | 34.3                 | 217                       | 48.5                      | 39.3                 | 228                       | 54.4                      | 45.8                 | 241                       | 54.5                      | 53.1                 | 249                       | 50.7                      |                      |                           |                           |
| 170   | 31.4                 | 209                       | 45.6                      | 36.7                 | 222                       | 52.1                      | 43.8                 | 236                       | 52.5                      | 51.1                 | 245                       | 48.8                      |                      |                           |                           |
| 175   | 28.2                 | 200                       | 42.6                      | 33.9                 | 215                       | 49.6                      | 41.5                 | 231                       | 50.6                      | 49.0                 | 241                       | 47.0                      |                      |                           |                           |
| 180   | 24.7                 | 190                       | 39.7                      | 31.0                 | 207                       | 46.7                      | 38.7                 | 224                       | 48.7                      | 46.9                 | 236                       | 45.3                      |                      |                           |                           |
| 185   | 20.5                 | 177                       | 36.7                      | 27.8                 | 198                       | 43.8                      | 36.1                 | 217                       | 47.0                      | 44.6                 | 231                       | 43.7                      |                      |                           |                           |
| 190   | 16.5                 | 165                       | 33.4                      | 24.1                 | 187                       | 40.9                      | 33.3                 | 210                       | 45.4                      | 42.3                 | 226                       | 42.2                      |                      |                           |                           |
| 195   |                      |                           |                           | 19.9                 | 174                       | 37.9                      | 30.8                 | 203                       | 43.9                      | 40.2                 | 221                       | 40.8                      |                      |                           |                           |
| 200   |                      |                           |                           | 15.7                 | 162                       | 33.4                      | 26.9                 | 192                       | 42.4                      | 37.4                 | 214                       | 39.4                      |                      |                           |                           |
| 205   |                      |                           |                           |                      |                           |                           | 23.1                 | 181                       | 41.0                      | 34.6                 | 206                       | 38.1                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           | 19.5                 | 170                       | 39.4                      | 32.2                 | 200                       | 36.9                      |                      |                           |                           |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 190                       | 35.7                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 181                       | 34.6                      |                      |                           |                           |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 167                       | 33.5                      |                      |                           |                           |
| 234   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 185                       | 26.6                      |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 184                       | 26.5                      |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.8                 | 179                       | 25.8                      |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.8                 | 171                       | 25.0                      |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.4                 | 161                       | 24.2                      |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 150                       | 23.4                      |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.9                 | 136                       | 22.6                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>194 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 54  | 78.0                 | 304                       | 119.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 77.8                 | 303                       | 119.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 76.3                 | 302                       | 118.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 74.7                 | 301                       | 116.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 73.2                 | 299                       | 114.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 71.6                 | 298                       | 110.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  |                      |                           |                           | 73.0                 | 298                       | 114.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 70.1                 | 296                       | 107.2                     | 73.0                 | 298                       | 114.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 68.5                 | 294                       | 104.8                     | 71.4                 | 296                       | 114.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 66.9                 | 292                       | 99.9                      | 69.8                 | 295                       | 110.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 65.2                 | 290                       | 95.5                      | 68.2                 | 293                       | 106.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 63.6                 | 287                       | 91.8                      | 66.6                 | 290                       | 102.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 61.9                 | 284                       | 88.6                      | 65.0                 | 288                       | 96.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 60.2                 | 282                       | 85.2                      | 63.4                 | 286                       | 91.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 58.5                 | 279                       | 80.5                      | 61.7                 | 283                       | 87.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   |                      |                           |                           |                      |                           |                           | 65.0                 | 285                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 120   | 56.7                 | 275                       | 76.1                      | 60.0                 | 280                       | 84.0                      | 64.9                 | 285                       | 78.6                      |                      |                           |                           |                      |                           |                           |
| 125   | 54.9                 | 272                       | 72.1                      | 58.2                 | 277                       | 79.5                      | 63.2                 | 282                       | 77.0                      |                      |                           |                           |                      |                           |                           |
| 130   | 53.1                 | 268                       | 68.6                      | 56.5                 | 274                       | 75.4                      | 61.5                 | 280                       | 73.3                      |                      |                           |                           |                      |                           |                           |
| 135   | 51.2                 | 264                       | 65.5                      | 54.7                 | 270                       | 71.6                      | 59.8                 | 277                       | 69.8                      |                      |                           |                           |                      |                           |                           |
| 140   | 49.2                 | 260                       | 62.7                      | 52.8                 | 267                       | 68.4                      | 58.1                 | 274                       | 66.7                      |                      |                           |                           |                      |                           |                           |
| 145   | 47.2                 | 256                       | 59.5                      | 50.9                 | 263                       | 65.6                      | 56.2                 | 270                       | 63.8                      |                      |                           |                           |                      |                           |                           |
| 150   | 45.2                 | 251                       | 56.5                      | 49.0                 | 258                       | 62.7                      | 54.4                 | 267                       | 61.1                      |                      |                           |                           |                      |                           |                           |
| 155   | 43.0                 | 245                       | 53.6                      | 47.0                 | 254                       | 59.7                      | 52.5                 | 263                       | 58.6                      |                      |                           |                           |                      |                           |                           |
| 160   | 40.8                 | 240                       | 50.9                      | 44.9                 | 249                       | 56.9                      | 50.6                 | 259                       | 56.2                      |                      |                           |                           |                      |                           |                           |
| 165   | 38.4                 | 234                       | 48.4                      | 42.7                 | 244                       | 54.3                      | 48.8                 | 255                       | 54.1                      |                      |                           |                           |                      |                           |                           |
| 166   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 261                       | 49.9                      |                      |                           |                           |
| 170   | 36.0                 | 227                       | 46.2                      | 40.5                 | 238                       | 51.8                      | 46.6                 | 250                       | 52.0                      | 53.4                 | 258                       | 48.3                      |                      |                           |                           |
| 175   | 33.3                 | 219                       | 44.0                      | 38.1                 | 232                       | 49.6                      | 44.5                 | 245                       | 50.1                      | 51.7                 | 254                       | 46.5                      |                      |                           |                           |
| 180   | 30.5                 | 211                       | 41.3                      | 35.6                 | 225                       | 47.6                      | 42.6                 | 240                       | 48.3                      | 49.8                 | 250                       | 44.8                      |                      |                           |                           |
| 185   | 27.4                 | 202                       | 38.6                      | 32.9                 | 217                       | 45.1                      | 40.3                 | 234                       | 46.6                      | 47.6                 | 245                       | 43.2                      |                      |                           |                           |
| 190   | 23.9                 | 191                       | 35.9                      | 30.1                 | 209                       | 42.5                      | 37.9                 | 228                       | 45.0                      | 45.7                 | 241                       | 41.7                      |                      |                           |                           |
| 195   | 19.8                 | 178                       | 33.2                      | 26.9                 | 200                       | 39.8                      | 35.0                 | 220                       | 43.4                      | 43.3                 | 235                       | 40.2                      |                      |                           |                           |
| 200   | 15.9                 | 166                       | 30.7                      | 23.4                 | 189                       | 37.2                      | 32.3                 | 212                       | 42.0                      | 41.1                 | 229                       | 38.9                      |                      |                           |                           |
| 205   |                      |                           |                           | 19.2                 | 176                       | 34.5                      | 29.3                 | 204                       | 40.6                      | 38.7                 | 223                       | 37.6                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           | 26.1                 | 194                       | 39.3                      | 36.6                 | 218                       | 36.4                      |                      |                           |                           |
| 215   |                      |                           |                           |                      |                           |                           | 23.1                 | 184                       | 38.1                      | 33.6                 | 209                       | 35.2                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           | 18.8                 | 171                       | 36.1                      | 30.8                 | 201                       | 34.1                      |                      |                           |                           |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 195                       | 33.1                      |                      |                           |                           |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 186                       | 32.1                      |                      |                           |                           |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.9                 | 174                       | 31.1                      |                      |                           |                           |
| 242   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 191                       | 24.5                      |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 190                       | 24.2                      |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.8                 | 182                       | 23.4                      |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 173                       | 22.6                      |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 163                       | 21.9                      |
| 265   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.8                 | 151                       | 21.2                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>203 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 56  | 78.0                 | 313                       | 109.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 76.9                 | 312                       | 109.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 75.5                 | 311                       | 108.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 74.0                 | 310                       | 106.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 72.5                 | 308                       | 104.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 71.1                 | 306                       | 101.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 83  |                      |                           |                           | 73.0                 | 308                       | 106.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 69.6                 | 304                       | 99.1                      | 72.3                 | 307                       | 106.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 68.0                 | 302                       | 96.7                      | 70.9                 | 305                       | 105.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 66.5                 | 300                       | 92.6                      | 69.4                 | 303                       | 102.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 65.0                 | 298                       | 89.0                      | 67.8                 | 301                       | 99.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 63.4                 | 296                       | 85.9                      | 66.3                 | 299                       | 96.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 61.8                 | 293                       | 83.2                      | 64.7                 | 297                       | 91.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 60.2                 | 290                       | 80.2                      | 63.2                 | 294                       | 86.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 58.5                 | 287                       | 76.0                      | 61.6                 | 292                       | 83.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 124   |                      |                           |                           |                      |                           |                           | 65.0                 | 294                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 125   | 56.9                 | 284                       | 72.0                      | 60.0                 | 289                       | 79.6                      | 64.6                 | 293                       | 74.7                      |                      |                           |                           |                      |                           |                           |
| 130   | 55.1                 | 280                       | 68.4                      | 58.3                 | 286                       | 75.4                      | 63.0                 | 291                       | 72.9                      |                      |                           |                           |                      |                           |                           |
| 135   | 53.4                 | 277                       | 65.1                      | 56.6                 | 282                       | 71.6                      | 61.4                 | 288                       | 69.5                      |                      |                           |                           |                      |                           |                           |
| 140   | 51.6                 | 273                       | 62.2                      | 54.9                 | 279                       | 68.2                      | 59.8                 | 285                       | 66.3                      |                      |                           |                           |                      |                           |                           |
| 145   | 49.8                 | 269                       | 59.8                      | 53.2                 | 275                       | 65.1                      | 58.1                 | 282                       | 63.4                      |                      |                           |                           |                      |                           |                           |
| 150   | 47.9                 | 264                       | 56.9                      | 51.4                 | 271                       | 62.5                      | 56.4                 | 279                       | 60.7                      |                      |                           |                           |                      |                           |                           |
| 155   | 45.9                 | 260                       | 54.1                      | 49.3                 | 267                       | 60.1                      | 54.6                 | 275                       | 58.2                      |                      |                           |                           |                      |                           |                           |
| 160   | 43.9                 | 254                       | 51.5                      | 47.4                 | 262                       | 57.3                      | 53.0                 | 272                       | 55.9                      |                      |                           |                           |                      |                           |                           |
| 165   | 41.8                 | 249                       | 49.0                      | 45.4                 | 257                       | 54.7                      | 51.1                 | 267                       | 53.7                      |                      |                           |                           |                      |                           |                           |
| 170   | 39.7                 | 243                       | 46.6                      | 43.4                 | 252                       | 52.2                      | 49.4                 | 264                       | 51.7                      |                      |                           |                           |                      |                           |                           |
| 171   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 269                       | 47.3                      |                      |                           |                           |
| 175   | 37.4                 | 237                       | 44.5                      | 41.3                 | 246                       | 49.9                      | 47.3                 | 258                       | 49.7                      | 53.9                 | 267                       | 46.1                      |                      |                           |                           |
| 180   | 35.0                 | 230                       | 42.5                      | 39.0                 | 240                       | 47.7                      | 45.3                 | 254                       | 47.9                      | 51.9                 | 262                       | 44.4                      |                      |                           |                           |
| 185   | 32.4                 | 222                       | 40.3                      | 36.7                 | 234                       | 45.8                      | 43.2                 | 248                       | 46.2                      | 50.1                 | 258                       | 42.8                      |                      |                           |                           |
| 190   | 29.6                 | 214                       | 37.9                      | 34.6                 | 228                       | 43.9                      | 41.1                 | 243                       | 44.6                      | 48.2                 | 254                       | 41.3                      |                      |                           |                           |
| 195   | 26.6                 | 204                       | 35.4                      | 32.0                 | 220                       | 41.5                      | 38.9                 | 236                       | 43.1                      | 46.5                 | 250                       | 39.9                      |                      |                           |                           |
| 200   | 23.2                 | 193                       | 32.9                      | 29.2                 | 211                       | 39.1                      | 36.9                 | 231                       | 41.7                      | 44.2                 | 244                       | 38.5                      |                      |                           |                           |
| 205   | 19.2                 | 180                       | 30.4                      | 26.1                 | 202                       | 36.7                      | 34.4                 | 224                       | 40.3                      | 42.1                 | 239                       | 37.2                      |                      |                           |                           |
| 210   |                      |                           |                           | 22.7                 | 190                       | 34.2                      | 31.8                 | 216                       | 39.0                      | 40.0                 | 233                       | 36.0                      |                      |                           |                           |
| 215   |                      |                           |                           | 18.6                 | 177                       | 31.7                      | 28.5                 | 206                       | 37.7                      | 38.0                 | 227                       | 34.9                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           | 25.9                 | 198                       | 36.6                      | 35.6                 | 220                       | 33.8                      |                      |                           |                           |
| 225   |                      |                           |                           |                      |                           |                           | 22.4                 | 186                       | 35.4                      | 33.7                 | 215                       | 32.8                      |                      |                           |                           |
| 230   |                      |                           |                           |                      |                           |                           | 18.2                 | 172                       | 33.5                      | 31.0                 | 207                       | 31.7                      |                      |                           |                           |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.1                 | 198                       | 30.8                      |                      |                           |                           |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.9                 | 187                       | 29.8                      |                      |                           |                           |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 175                       | 28.9                      |                      |                           |                           |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 196                       | 22.6                      |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.6                 | 192                       | 22.0                      |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.9                 | 184                       | 21.3                      |
| 265   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.0                 | 175                       | 20.6                      |
| 270   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.8                 | 165                       | 19.9                      |
| 275   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.1                 | 153                       | 19.3                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>213 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 58  | 78.0                 | 323                       | 100.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 77.6                 | 322                       | 100.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 76.2                 | 321                       | 99.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 74.8                 | 320                       | 97.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 73.4                 | 318                       | 96.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 72.0                 | 317                       | 93.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 70.5                 | 315                       | 91.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 86  |                      |                           |                           | 73.0                 | 317                       | 95.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 69.1                 | 313                       | 89.9                      | 71.8                 | 316                       | 95.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 67.7                 | 311                       | 87.1                      | 70.3                 | 314                       | 93.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 66.2                 | 309                       | 83.3                      | 68.9                 | 312                       | 91.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 64.7                 | 307                       | 80.0                      | 67.5                 | 310                       | 88.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 63.2                 | 304                       | 77.2                      | 66.0                 | 308                       | 84.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 61.7                 | 301                       | 74.8                      | 64.5                 | 305                       | 80.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 60.1                 | 299                       | 72.1                      | 63.0                 | 303                       | 77.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 58.6                 | 296                       | 68.7                      | 61.5                 | 300                       | 74.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 128   |                      |                           |                           |                      |                           |                           | 65.0                 | 303                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 130   | 57.0                 | 292                       | 65.6                      | 59.9                 | 297                       | 71.5                      | 64.4                 | 302                       | 71.0                      |                      |                           |                           |                      |                           |                           |
| 135   | 55.4                 | 289                       | 62.7                      | 58.4                 | 294                       | 68.1                      | 62.9                 | 299                       | 69.0                      |                      |                           |                           |                      |                           |                           |
| 140   | 53.7                 | 285                       | 60.1                      | 56.8                 | 291                       | 65.0                      | 61.4                 | 297                       | 65.8                      |                      |                           |                           |                      |                           |                           |
| 145   | 52.0                 | 282                       | 57.7                      | 55.1                 | 288                       | 62.2                      | 59.7                 | 294                       | 62.9                      |                      |                           |                           |                      |                           |                           |
| 150   | 50.3                 | 277                       | 55.7                      | 53.5                 | 284                       | 59.7                      | 58.1                 | 290                       | 60.2                      |                      |                           |                           |                      |                           |                           |
| 155   | 48.5                 | 273                       | 53.4                      | 51.8                 | 280                       | 57.6                      | 56.5                 | 287                       | 57.7                      |                      |                           |                           |                      |                           |                           |
| 160   | 46.6                 | 268                       | 50.9                      | 49.8                 | 275                       | 55.5                      | 54.9                 | 284                       | 55.4                      |                      |                           |                           |                      |                           |                           |
| 165   | 44.7                 | 263                       | 48.5                      | 48.0                 | 271                       | 53.2                      | 53.2                 | 280                       | 53.2                      |                      |                           |                           |                      |                           |                           |
| 170   | 42.8                 | 258                       | 46.3                      | 46.2                 | 266                       | 51.0                      | 51.6                 | 276                       | 51.2                      |                      |                           |                           |                      |                           |                           |
| 175   | 40.8                 | 252                       | 44.2                      | 44.2                 | 261                       | 48.9                      | 49.9                 | 272                       | 49.3                      |                      |                           |                           |                      |                           |                           |
| 177   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 277                       | 44.8                      |                      |                           |                           |
| 180   | 38.6                 | 246                       | 42.2                      | 42.3                 | 256                       | 46.9                      | 48.1                 | 268                       | 47.5                      | 54.0                 | 275                       | 43.8                      |                      |                           |                           |
| 185   | 36.4                 | 240                       | 40.4                      | 40.2                 | 250                       | 45.0                      | 46.2                 | 263                       | 45.8                      | 52.4                 | 271                       | 42.3                      |                      |                           |                           |
| 190   | 34.0                 | 232                       | 38.7                      | 38.0                 | 244                       | 43.3                      | 44.3                 | 258                       | 44.2                      | 50.7                 | 267                       | 40.8                      |                      |                           |                           |
| 195   | 31.5                 | 224                       | 36.5                      | 35.7                 | 237                       | 41.8                      | 42.1                 | 252                       | 42.6                      | 48.8                 | 263                       | 39.3                      |                      |                           |                           |
| 200   | 28.8                 | 216                       | 34.3                      | 33.3                 | 229                       | 39.8                      | 40.0                 | 246                       | 41.2                      | 46.9                 | 258                       | 38.0                      |                      |                           |                           |
| 205   | 25.8                 | 206                       | 32.0                      | 30.7                 | 221                       | 37.6                      | 37.8                 | 240                       | 39.8                      | 45.0                 | 253                       | 36.7                      |                      |                           |                           |
| 210   | 22.5                 | 194                       | 29.8                      | 28.4                 | 214                       | 35.4                      | 35.5                 | 233                       | 38.5                      | 43.1                 | 248                       | 35.5                      |                      |                           |                           |
| 215   | 18.6                 | 181                       | 27.5                      | 25.4                 | 203                       | 33.2                      | 33.1                 | 225                       | 37.3                      | 41.0                 | 242                       | 34.3                      |                      |                           |                           |
| 220   |                      |                           |                           | 22.0                 | 192                       | 30.9                      | 30.5                 | 217                       | 36.1                      | 39.7                 | 238                       | 33.3                      |                      |                           |                           |
| 225   |                      |                           |                           | 18.0                 | 178                       | 28.7                      | 27.7                 | 208                       | 35.0                      | 37.5                 | 232                       | 32.3                      |                      |                           |                           |
| 230   |                      |                           |                           |                      |                           |                           | 24.6                 | 197                       | 33.9                      | 35.2                 | 225                       | 31.3                      |                      |                           |                           |
| 235   |                      |                           |                           |                      |                           |                           | 21.7                 | 188                       | 32.4                      | 32.8                 | 217                       | 30.3                      |                      |                           |                           |
| 240   |                      |                           |                           |                      |                           |                           | 18.6                 | 176                       | 30.0                      | 30.1                 | 209                       | 29.4                      |                      |                           |                           |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.3                 | 200                       | 28.5                      |                      |                           |                           |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.2                 | 189                       | 27.6                      |                      |                           |                           |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.5                 | 177                       | 26.8                      |                      |                           |                           |
| 258   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 202                       | 20.6                      |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 201                       | 20.5                      |
| 265   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.7                 | 195                       | 19.8                      |
| 270   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.1                 | 187                       | 19.2                      |
| 275   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.3                 | 177                       | 18.5                      |
| 280   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 167                       | 17.9                      |
| 285   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.5                 | 154                       | 17.3                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>223 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 78.0                 | 332                       | 92.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 76.8                 | 331                       | 92.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 75.5                 | 330                       | 90.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 74.1                 | 329                       | 88.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 72.8                 | 327                       | 86.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 71.4                 | 326                       | 85.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 88  |                      |                           |                           | 73.0                 | 326                       | 85.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 70.1                 | 324                       | 83.4                      | 72.6                 | 326                       | 85.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 68.7                 | 322                       | 82.2                      | 71.3                 | 324                       | 85.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 67.3                 | 320                       | 78.9                      | 69.9                 | 322                       | 83.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 65.9                 | 318                       | 75.5                      | 68.5                 | 320                       | 81.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 64.5                 | 315                       | 72.5                      | 67.1                 | 318                       | 79.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 63.0                 | 313                       | 69.9                      | 65.7                 | 316                       | 75.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 61.6                 | 310                       | 67.7                      | 64.3                 | 314                       | 72.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 60.1                 | 307                       | 65.4                      | 62.8                 | 311                       | 69.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 58.6                 | 304                       | 62.7                      | 61.4                 | 309                       | 67.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 132   |                      |                           |                           |                      |                           |                           | 65.0                 | 312                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 135   | 57.1                 | 301                       | 60.2                      | 59.9                 | 306                       | 64.7                      | 64.2                 | 310                       | 67.5                      |                      |                           |                           |                      |                           |                           |
| 140   | 55.5                 | 298                       | 57.9                      | 58.4                 | 303                       | 62.0                      | 62.7                 | 308                       | 65.5                      |                      |                           |                           |                      |                           |                           |
| 145   | 54.0                 | 294                       | 55.8                      | 56.9                 | 299                       | 59.5                      | 61.2                 | 305                       | 62.6                      |                      |                           |                           |                      |                           |                           |
| 150   | 52.3                 | 290                       | 53.9                      | 55.3                 | 296                       | 57.2                      | 59.7                 | 302                       | 59.9                      |                      |                           |                           |                      |                           |                           |
| 155   | 50.7                 | 286                       | 52.2                      | 53.7                 | 292                       | 55.2                      | 58.2                 | 299                       | 57.4                      |                      |                           |                           |                      |                           |                           |
| 160   | 49.0                 | 282                       | 50.5                      | 52.1                 | 288                       | 53.4                      | 56.7                 | 296                       | 55.1                      |                      |                           |                           |                      |                           |                           |
| 165   | 47.3                 | 277                       | 48.2                      | 50.5                 | 284                       | 51.8                      | 55.1                 | 292                       | 52.9                      |                      |                           |                           |                      |                           |                           |
| 170   | 45.5                 | 272                       | 46.1                      | 48.8                 | 280                       | 49.9                      | 53.5                 | 288                       | 50.9                      |                      |                           |                           |                      |                           |                           |
| 175   | 43.6                 | 267                       | 44.1                      | 47.0                 | 276                       | 48.0                      | 51.8                 | 285                       | 49.0                      |                      |                           |                           |                      |                           |                           |
| 180   | 41.7                 | 262                       | 42.2                      | 45.0                 | 270                       | 46.1                      | 50.2                 | 280                       | 47.2                      |                      |                           |                           |                      |                           |                           |
| 183   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 285                       | 42.7                      |                      |                           |                           |
| 185   | 39.7                 | 256                       | 40.4                      | 43.1                 | 265                       | 44.4                      | 48.4                 | 276                       | 45.5                      | 54.4                 | 284                       | 42.0                      |                      |                           |                           |
| 190   | 37.7                 | 249                       | 38.7                      | 41.2                 | 259                       | 42.8                      | 46.7                 | 271                       | 43.9                      | 52.8                 | 280                       | 40.5                      |                      |                           |                           |
| 195   | 35.5                 | 243                       | 37.1                      | 39.2                 | 253                       | 41.3                      | 45.1                 | 267                       | 42.4                      | 51.1                 | 276                       | 39.1                      |                      |                           |                           |
| 200   | 33.2                 | 235                       | 35.5                      | 37.0                 | 246                       | 40.0                      | 43.0                 | 261                       | 40.9                      | 49.3                 | 271                       | 37.7                      |                      |                           |                           |
| 205   | 30.7                 | 227                       | 33.5                      | 34.8                 | 240                       | 38.7                      | 41.3                 | 256                       | 39.6                      | 47.5                 | 267                       | 36.4                      |                      |                           |                           |
| 210   | 28.1                 | 218                       | 31.4                      | 32.5                 | 232                       | 36.7                      | 39.3                 | 250                       | 38.3                      | 45.7                 | 262                       | 35.2                      |                      |                           |                           |
| 215   | 25.1                 | 208                       | 29.3                      | 29.9                 | 223                       | 34.6                      | 37.2                 | 244                       | 37.1                      | 44.1                 | 257                       | 34.1                      |                      |                           |                           |
| 220   | 21.9                 | 196                       | 27.2                      | 27.2                 | 214                       | 32.5                      | 35.0                 | 237                       | 35.9                      | 42.2                 | 252                       | 33.0                      |                      |                           |                           |
| 225   | 18.9                 | 185                       | 25.4                      | 24.1                 | 203                       | 30.4                      | 32.7                 | 229                       | 34.8                      | 40.7                 | 248                       | 32.0                      |                      |                           |                           |
| 230   |                      |                           |                           | 20.7                 | 191                       | 28.3                      | 30.2                 | 221                       | 33.7                      | 38.7                 | 241                       | 31.0                      |                      |                           |                           |
| 235   |                      |                           |                           | 18.3                 | 182                       | 26.4                      | 27.5                 | 212                       | 32.7                      | 36.5                 | 235                       | 30.0                      |                      |                           |                           |
| 240   |                      |                           |                           |                      |                           |                           | 24.5                 | 201                       | 31.6                      | 34.3                 | 228                       | 29.1                      |                      |                           |                           |
| 245   |                      |                           |                           |                      |                           |                           | 21.1                 | 189                       | 30.0                      | 31.9                 | 220                       | 28.2                      |                      |                           |                           |
| 250   |                      |                           |                           |                      |                           |                           | 18.0                 | 178                       | 28.2                      | 29.4                 | 211                       | 27.4                      |                      |                           |                           |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.6                 | 202                       | 26.6                      |                      |                           |                           |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.5                 | 191                       | 25.7                      |                      |                           |                           |
| 265   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.9                 | 178                       | 24.9                      |                      |                           |                           |
| 266   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 208                       | 19.1                      |
| 270   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.3                 | 205                       | 18.8                      |
| 275   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.9                 | 198                       | 18.2                      |
| 280   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.3                 | 189                       | 17.5                      |
| 285   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.5                 | 179                       | 16.9                      |
| 290   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.4                 | 168                       | 16.3                      |
| 295   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.9                 | 155                       | 15.8                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>233 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 62  | 78.0                 | 342                       | 84.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 77.4                 | 342                       | 84.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 76.1                 | 340                       | 84.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 74.8                 | 339                       | 82.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 73.5                 | 337                       | 81.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 72.3                 | 336                       | 79.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 71.0                 | 334                       | 78.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 91  |                      |                           |                           | 73.0                 | 336                       | 80.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 69.6                 | 332                       | 77.2                      | 72.1                 | 335                       | 80.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 68.3                 | 330                       | 76.0                      | 70.8                 | 333                       | 79.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 67.0                 | 328                       | 73.4                      | 69.5                 | 331                       | 77.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 65.6                 | 326                       | 71.1                      | 68.1                 | 329                       | 76.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 64.3                 | 324                       | 69.0                      | 66.8                 | 327                       | 74.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 62.9                 | 321                       | 67.2                      | 65.5                 | 325                       | 72.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 61.5                 | 318                       | 65.7                      | 64.1                 | 322                       | 69.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 60.1                 | 316                       | 63.7                      | 62.7                 | 320                       | 67.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 58.7                 | 313                       | 60.9                      | 61.3                 | 317                       | 66.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 136   |                      |                           |                           |                      |                           |                           | 65.0                 | 321                       | 64.4                      |                      |                           |                           |                      |                           |                           |
| 140   | 57.2                 | 309                       | 58.4                      | 59.8                 | 314                       | 64.2                      | 63.9                 | 319                       | 64.4                      |                      |                           |                           |                      |                           |                           |
| 145   | 55.7                 | 306                       | 56.0                      | 58.4                 | 311                       | 61.3                      | 62.5                 | 316                       | 62.1                      |                      |                           |                           |                      |                           |                           |
| 150   | 54.2                 | 302                       | 53.8                      | 56.9                 | 308                       | 58.6                      | 61.2                 | 314                       | 59.5                      |                      |                           |                           |                      |                           |                           |
| 155   | 52.7                 | 299                       | 51.9                      | 55.4                 | 304                       | 56.1                      | 59.8                 | 311                       | 57.0                      |                      |                           |                           |                      |                           |                           |
| 160   | 51.1                 | 295                       | 50.1                      | 53.9                 | 301                       | 53.9                      | 58.2                 | 307                       | 54.6                      |                      |                           |                           |                      |                           |                           |
| 165   | 49.5                 | 290                       | 48.5                      | 52.3                 | 297                       | 51.9                      | 56.9                 | 304                       | 52.5                      |                      |                           |                           |                      |                           |                           |
| 170   | 47.8                 | 286                       | 46.4                      | 50.7                 | 293                       | 50.2                      | 55.3                 | 301                       | 50.4                      |                      |                           |                           |                      |                           |                           |
| 175   | 46.1                 | 281                       | 44.3                      | 49.1                 | 288                       | 48.2                      | 53.7                 | 297                       | 48.5                      |                      |                           |                           |                      |                           |                           |
| 180   | 44.4                 | 276                       | 42.3                      | 47.4                 | 284                       | 46.3                      | 52.2                 | 293                       | 46.7                      |                      |                           |                           |                      |                           |                           |
| 185   | 42.6                 | 271                       | 40.4                      | 45.7                 | 279                       | 44.5                      | 50.6                 | 289                       | 45.0                      |                      |                           |                           |                      |                           |                           |
| 188   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 293                       | 40.4                      |                      |                           |                           |
| 190   | 40.7                 | 265                       | 38.6                      | 43.9                 | 274                       | 42.7                      | 49.0                 | 285                       | 43.4                      | 54.5                 | 292                       | 39.9                      |                      |                           |                           |
| 195   | 38.8                 | 259                       | 37.0                      | 42.1                 | 268                       | 41.1                      | 47.3                 | 280                       | 41.9                      | 52.9                 | 288                       | 38.5                      |                      |                           |                           |
| 200   | 36.7                 | 252                       | 35.4                      | 40.2                 | 262                       | 39.5                      | 45.8                 | 276                       | 40.5                      | 51.4                 | 284                       | 37.2                      |                      |                           |                           |
| 205   | 34.6                 | 245                       | 34.0                      | 38.2                 | 256                       | 38.1                      | 43.8                 | 270                       | 39.1                      | 49.7                 | 280                       | 35.9                      |                      |                           |                           |
| 210   | 32.4                 | 238                       | 32.3                      | 36.1                 | 250                       | 36.7                      | 41.9                 | 265                       | 37.8                      | 48.1                 | 276                       | 34.7                      |                      |                           |                           |
| 215   | 30.0                 | 229                       | 30.4                      | 34.0                 | 242                       | 35.2                      | 40.0                 | 259                       | 36.6                      | 46.6                 | 271                       | 33.6                      |                      |                           |                           |
| 220   | 27.4                 | 220                       | 28.4                      | 31.7                 | 234                       | 33.3                      | 38.1                 | 252                       | 35.4                      | 45.2                 | 268                       | 32.5                      |                      |                           |                           |
| 225   | 24.5                 | 210                       | 26.5                      | 29.2                 | 226                       | 31.4                      | 36.0                 | 246                       | 34.3                      | 43.5                 | 262                       | 31.5                      |                      |                           |                           |
| 230   | 22.0                 | 200                       | 24.7                      | 26.5                 | 216                       | 29.5                      | 34.1                 | 240                       | 33.3                      | 41.6                 | 257                       | 30.5                      |                      |                           |                           |
| 235   | 18.4                 | 186                       | 23.1                      | 24.1                 | 207                       | 27.6                      | 31.5                 | 230                       | 32.2                      | 39.7                 | 251                       | 29.5                      |                      |                           |                           |
| 240   |                      |                           |                           | 21.5                 | 197                       | 25.8                      | 29.4                 | 223                       | 31.3                      | 37.7                 | 245                       | 28.5                      |                      |                           |                           |
| 245   |                      |                           |                           | 17.8                 | 183                       | 24.3                      | 26.3                 | 212                       | 30.3                      | 35.7                 | 238                       | 27.6                      |                      |                           |                           |
| 250   |                      |                           |                           |                      |                           |                           | 23.8                 | 203                       | 28.8                      | 33.5                 | 230                       | 26.7                      |                      |                           |                           |
| 255   |                      |                           |                           |                      |                           |                           | 21.3                 | 193                       | 27.3                      | 31.1                 | 222                       | 25.9                      |                      |                           |                           |
| 260   |                      |                           |                           |                      |                           |                           | 17.5                 | 179                       | 26.1                      | 28.6                 | 213                       | 25.0                      |                      |                           |                           |
| 265   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.9                 | 204                       | 24.3                      |                      |                           |                           |
| 270   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.9                 | 192                       | 23.5                      |                      |                           |                           |
| 275   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 213                       | 17.3                      |
| 275   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.4                 | 179                       | 22.7                      | 34.8                 | 213                       | 17.3                      |
| 280   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.4                 | 208                       | 16.8                      |
| 285   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.1                 | 200                       | 16.2                      |
| 290   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.6                 | 191                       | 15.6                      |
| 295   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.9                 | 181                       | 15.0                      |
| 300   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.8                 | 170                       | 14.5                      |
| 305   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.3                 | 157                       | 13.9                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>243 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 64  | 78.0                 | 352                       | 78.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 77.9                 | 352                       | 78.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 76.7                 | 350                       | 78.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 75.5                 | 349                       | 77.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 74.2                 | 348                       | 76.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 73.0                 | 346                       | 75.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 71.8                 | 345                       | 73.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 94  |                      |                           |                           | 73.0                 | 345                       | 75.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 70.5                 | 343                       | 72.7                      | 72.8                 | 345                       | 75.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 69.2                 | 341                       | 71.8                      | 71.6                 | 343                       | 75.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 68.0                 | 339                       | 70.6                      | 70.3                 | 342                       | 74.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 66.7                 | 337                       | 69.0                      | 69.1                 | 340                       | 73.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 65.4                 | 334                       | 67.4                      | 67.8                 | 338                       | 72.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 64.1                 | 332                       | 66.1                      | 66.5                 | 336                       | 70.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 62.8                 | 330                       | 64.9                      | 65.2                 | 333                       | 69.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 61.4                 | 327                       | 63.8                      | 63.9                 | 331                       | 67.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 60.1                 | 324                       | 62.1                      | 62.6                 | 328                       | 66.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 58.7                 | 321                       | 59.4                      | 61.2                 | 325                       | 66.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   |                      |                           |                           |                      |                           |                           | 65.0                 | 330                       | 61.4                      |                      |                           |                           |                      |                           |                           |
| 145   | 57.3                 | 318                       | 56.8                      | 59.8                 | 322                       | 64.2                      | 63.8                 | 327                       | 61.4                      |                      |                           |                           |                      |                           |                           |
| 150   | 55.9                 | 314                       | 54.5                      | 58.4                 | 319                       | 61.0                      | 62.4                 | 325                       | 59.1                      |                      |                           |                           |                      |                           |                           |
| 155   | 54.4                 | 311                       | 52.3                      | 57.0                 | 316                       | 58.2                      | 61.1                 | 322                       | 56.6                      |                      |                           |                           |                      |                           |                           |
| 160   | 52.9                 | 307                       | 50.3                      | 55.6                 | 313                       | 55.5                      | 59.7                 | 319                       | 54.2                      |                      |                           |                           |                      |                           |                           |
| 165   | 51.4                 | 303                       | 48.5                      | 54.1                 | 309                       | 53.1                      | 58.3                 | 316                       | 52.1                      |                      |                           |                           |                      |                           |                           |
| 170   | 49.9                 | 299                       | 46.9                      | 52.6                 | 305                       | 50.9                      | 56.9                 | 313                       | 50.0                      |                      |                           |                           |                      |                           |                           |
| 175   | 48.3                 | 295                       | 45.0                      | 51.1                 | 301                       | 49.0                      | 55.4                 | 309                       | 48.1                      |                      |                           |                           |                      |                           |                           |
| 180   | 46.7                 | 290                       | 42.9                      | 49.5                 | 297                       | 47.2                      | 54.0                 | 306                       | 46.3                      |                      |                           |                           |                      |                           |                           |
| 185   | 45.1                 | 285                       | 41.0                      | 47.9                 | 293                       | 45.2                      | 52.5                 | 302                       | 44.6                      |                      |                           |                           |                      |                           |                           |
| 190   | 43.4                 | 280                       | 39.2                      | 46.3                 | 288                       | 43.4                      | 51.0                 | 298                       | 43.0                      |                      |                           |                           |                      |                           |                           |
| 194   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 301                       | 38.4                      |                      |                           |                           |
| 195   | 41.6                 | 274                       | 37.4                      | 44.6                 | 283                       | 41.6                      | 49.4                 | 294                       | 41.5                      | 54.7                 | 300                       | 38.1                      |                      |                           |                           |
| 200   | 39.8                 | 268                       | 35.7                      | 42.9                 | 278                       | 39.9                      | 47.8                 | 289                       | 40.1                      | 53.2                 | 297                       | 36.8                      |                      |                           |                           |
| 205   | 37.9                 | 262                       | 34.2                      | 41.1                 | 272                       | 38.3                      | 46.4                 | 285                       | 38.8                      | 51.7                 | 293                       | 35.5                      |                      |                           |                           |
| 210   | 35.9                 | 255                       | 32.7                      | 39.3                 | 266                       | 36.7                      | 44.7                 | 280                       | 37.5                      | 50.3                 | 289                       | 34.3                      |                      |                           |                           |
| 215   | 33.8                 | 248                       | 31.4                      | 37.3                 | 259                       | 35.3                      | 42.8                 | 274                       | 36.2                      | 49.1                 | 286                       | 33.2                      |                      |                           |                           |
| 220   | 31.6                 | 240                       | 29.6                      | 35.3                 | 252                       | 34.1                      | 41.2                 | 269                       | 35.1                      | 47.5                 | 281                       | 32.0                      |                      |                           |                           |
| 225   | 29.2                 | 232                       | 27.8                      | 34.0                 | 248                       | 32.5                      | 39.4                 | 263                       | 34.0                      | 45.9                 | 276                       | 31.0                      |                      |                           |                           |
| 230   | 26.7                 | 222                       | 26.1                      | 31.8                 | 240                       | 30.9                      | 37.9                 | 258                       | 33.0                      | 44.2                 | 271                       | 29.9                      |                      |                           |                           |
| 235   | 23.9                 | 211                       | 24.3                      | 29.4                 | 231                       | 29.2                      | 35.9                 | 251                       | 31.9                      | 42.5                 | 266                       | 28.9                      |                      |                           |                           |
| 240   | 21.4                 | 202                       | 22.5                      | 26.9                 | 222                       | 27.6                      | 33.8                 | 244                       | 31.0                      | 40.7                 | 260                       | 28.0                      |                      |                           |                           |
| 245   | 17.9                 | 187                       | 21.0                      | 24.1                 | 211                       | 25.9                      | 31.6                 | 236                       | 30.0                      | 38.8                 | 254                       | 27.1                      |                      |                           |                           |
| 250   |                      |                           |                           | 21.0                 | 199                       | 24.2                      | 29.2                 | 227                       | 29.1                      | 36.9                 | 248                       | 26.2                      |                      |                           |                           |
| 255   |                      |                           |                           | 17.3                 | 184                       | 22.5                      | 26.7                 | 218                       | 28.3                      | 34.8                 | 241                       | 25.3                      |                      |                           |                           |
| 260   |                      |                           |                           |                      |                           |                           | 23.9                 | 207                       | 27.1                      | 32.7                 | 233                       | 24.5                      |                      |                           |                           |
| 265   |                      |                           |                           |                      |                           |                           | 20.7                 | 194                       | 25.7                      | 30.4                 | 225                       | 23.7                      |                      |                           |                           |
| 270   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.9                 | 216                       | 23.0                      |                      |                           |                           |
| 275   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.3                 | 205                       | 22.2                      |                      |                           |                           |
| 280   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.3                 | 194                       | 21.5                      |                      |                           |                           |
| 283   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 219                       | 15.7                      |
| 285   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.9                 | 180                       | 20.8                      | 34.8                 | 218                       | 15.6                      |
| 290   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.6                 | 211                       | 15.0                      |
| 295   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.4                 | 202                       | 14.5                      |
| 300   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.9                 | 193                       | 13.9                      |
| 305   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.2                 | 183                       | 13.4                      |
| 310   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.2                 | 172                       | 12.9                      |
| 315   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.8                 | 158                       | 12.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>253 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 67  | 78.0                 | 361                       | 72.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 77.2                 | 360                       | 72.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 76.0                 | 359                       | 71.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 74.9                 | 358                       | 70.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 73.7                 | 356                       | 69.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 72.5                 | 355                       | 68.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 71.3                 | 353                       | 67.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 97  |                      |                           |                           | 73.0                 | 355                       | 69.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 70.1                 | 352                       | 66.4                      | 72.3                 | 354                       | 69.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 68.9                 | 350                       | 65.7                      | 71.1                 | 352                       | 69.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 67.6                 | 348                       | 64.5                      | 69.9                 | 350                       | 67.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 66.4                 | 345                       | 63.2                      | 68.7                 | 348                       | 66.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 65.2                 | 343                       | 62.0                      | 67.5                 | 346                       | 65.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 63.9                 | 341                       | 60.9                      | 66.2                 | 344                       | 64.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 62.6                 | 338                       | 59.9                      | 65.0                 | 342                       | 63.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 61.3                 | 335                       | 59.1                      | 63.7                 | 339                       | 62.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 60.0                 | 332                       | 57.5                      | 62.4                 | 337                       | 61.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 144   |                      |                           |                           |                      |                           |                           | 65.0                 | 338                       | 58.1                      |                      |                           |                           |                      |                           |                           |
| 145   | 58.7                 | 330                       | 55.2                      | 61.1                 | 334                       | 60.7                      | 64.9                 | 338                       | 58.1                      |                      |                           |                           |                      |                           |                           |
| 150   | 57.4                 | 326                       | 52.9                      | 59.8                 | 331                       | 58.7                      | 63.6                 | 336                       | 58.1                      |                      |                           |                           |                      |                           |                           |
| 155   | 56.0                 | 323                       | 50.8                      | 58.4                 | 328                       | 56.2                      | 62.3                 | 333                       | 56.1                      |                      |                           |                           |                      |                           |                           |
| 160   | 54.6                 | 320                       | 48.9                      | 57.1                 | 325                       | 53.8                      | 61.1                 | 330                       | 53.8                      |                      |                           |                           |                      |                           |                           |
| 165   | 53.2                 | 316                       | 47.1                      | 55.7                 | 321                       | 51.6                      | 59.7                 | 328                       | 51.6                      |                      |                           |                           |                      |                           |                           |
| 170   | 51.8                 | 312                       | 45.5                      | 54.3                 | 318                       | 49.5                      | 58.4                 | 325                       | 49.6                      |                      |                           |                           |                      |                           |                           |
| 175   | 50.3                 | 308                       | 44.1                      | 52.9                 | 314                       | 47.7                      | 57.0                 | 321                       | 47.6                      |                      |                           |                           |                      |                           |                           |
| 180   | 48.8                 | 304                       | 42.5                      | 51.4                 | 310                       | 46.1                      | 55.7                 | 318                       | 45.9                      |                      |                           |                           |                      |                           |                           |
| 185   | 47.3                 | 299                       | 40.6                      | 50.0                 | 306                       | 44.5                      | 54.3                 | 314                       | 44.2                      |                      |                           |                           |                      |                           |                           |
| 190   | 45.7                 | 294                       | 38.9                      | 48.4                 | 301                       | 42.8                      | 52.9                 | 311                       | 42.6                      |                      |                           |                           |                      |                           |                           |
| 195   | 44.1                 | 289                       | 37.1                      | 46.9                 | 297                       | 41.0                      | 51.5                 | 307                       | 41.1                      |                      |                           |                           |                      |                           |                           |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 309                       | 36.1                      |                      |                           |                           |
| 200   | 42.4                 | 284                       | 35.5                      | 45.3                 | 292                       | 39.4                      | 49.8                 | 302                       | 39.6                      | 54.9                 | 309                       | 36.0                      |                      |                           |                           |
| 205   | 40.7                 | 278                       | 33.9                      | 43.7                 | 287                       | 37.8                      | 48.3                 | 298                       | 38.3                      | 53.5                 | 305                       | 34.7                      |                      |                           |                           |
| 210   | 38.9                 | 272                       | 32.4                      | 42.0                 | 281                       | 36.2                      | 46.8                 | 293                       | 37.0                      | 52.0                 | 302                       | 33.5                      |                      |                           |                           |
| 215   | 37.0                 | 265                       | 31.0                      | 40.2                 | 275                       | 34.8                      | 45.4                 | 289                       | 35.8                      | 51.0                 | 299                       | 32.4                      |                      |                           |                           |
| 220   | 35.1                 | 258                       | 29.8                      | 38.4                 | 269                       | 33.5                      | 43.5                 | 283                       | 34.6                      | 49.5                 | 294                       | 31.3                      |                      |                           |                           |
| 225   | 33.1                 | 251                       | 28.4                      | 36.5                 | 262                       | 32.2                      | 41.8                 | 277                       | 33.5                      | 48.0                 | 290                       | 30.2                      |                      |                           |                           |
| 230   | 30.9                 | 243                       | 26.8                      | 35.3                 | 258                       | 31.4                      | 40.1                 | 272                       | 32.4                      | 46.5                 | 285                       | 29.2                      |                      |                           |                           |
| 235   | 28.6                 | 234                       | 25.1                      | 33.2                 | 250                       | 30.1                      | 38.9                 | 268                       | 31.5                      | 44.9                 | 280                       | 28.2                      |                      |                           |                           |
| 240   | 26.1                 | 224                       | 23.4                      | 31.1                 | 242                       | 28.5                      | 37.0                 | 261                       | 30.5                      | 43.2                 | 275                       | 27.2                      |                      |                           |                           |
| 245   | 23.3                 | 213                       | 21.8                      | 28.8                 | 234                       | 26.9                      | 35.1                 | 254                       | 29.6                      | 41.5                 | 270                       | 26.3                      |                      |                           |                           |
| 250   | 20.9                 | 203                       | 20.2                      | 26.3                 | 224                       | 25.2                      | 33.1                 | 247                       | 28.7                      | 39.8                 | 264                       | 25.5                      |                      |                           |                           |
| 255   | 17.4                 | 188                       | 18.7                      | 23.5                 | 213                       | 23.6                      | 30.9                 | 238                       | 27.8                      | 37.9                 | 257                       | 24.6                      |                      |                           |                           |
| 260   |                      |                           |                           | 20.4                 | 200                       | 21.9                      | 28.6                 | 230                       | 27.0                      | 36.0                 | 251                       | 23.8                      |                      |                           |                           |
| 265   |                      |                           |                           | 16.8                 | 185                       | 20.2                      | 26.1                 | 220                       | 26.2                      | 34.0                 | 243                       | 23.0                      |                      |                           |                           |
| 270   |                      |                           |                           |                      |                           |                           | 23.3                 | 209                       | 24.9                      | 31.9                 | 236                       | 22.3                      |                      |                           |                           |
| 275   |                      |                           |                           |                      |                           |                           | 20.2                 | 196                       | 23.5                      | 29.7                 | 227                       | 21.5                      |                      |                           |                           |
| 280   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.3                 | 218                       | 20.8                      |                      |                           |                           |
| 285   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.7                 | 207                       | 20.1                      |                      |                           |                           |
| 290   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.7                 | 195                       | 19.5                      |                      |                           |                           |
| 291   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 225                       | 14.0                      |
| 295   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.4                 | 181                       | 18.8                      | 34.0                 | 221                       | 13.7                      |
| 300   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.9                 | 213                       | 13.2                      |
| 305   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.7                 | 205                       | 12.6                      |
| 310   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.3                 | 195                       | 12.1                      |
| 315   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.6                 | 185                       | 11.7                      |
| 320   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.7                 | 173                       | 11.2                      |
| 325   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.3                 | 159                       | 10.7                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>262 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 69  | 78.0                 | 371                       | 66.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 77.7                 | 371                       | 66.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 76.6                 | 370                       | 66.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 75.5                 | 368                       | 65.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 74.3                 | 367                       | 64.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 73.2                 | 365                       | 63.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 72.0                 | 364                       | 62.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 70.9                 | 362                       | 61.7                      | 73.0                 | 364                       | 64.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 69.7                 | 360                       | 61.0                      | 71.9                 | 362                       | 64.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 68.5                 | 358                       | 60.3                      | 70.7                 | 361                       | 63.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 67.4                 | 356                       | 59.2                      | 69.5                 | 359                       | 62.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 66.1                 | 354                       | 58.1                      | 68.4                 | 357                       | 61.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 65.0                 | 352                       | 57.2                      | 67.2                 | 355                       | 60.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 63.7                 | 349                       | 56.3                      | 66.0                 | 353                       | 59.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 62.5                 | 347                       | 55.6                      | 64.8                 | 350                       | 58.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 61.2                 | 344                       | 54.9                      | 63.6                 | 348                       | 57.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 60.0                 | 341                       | 53.5                      | 62.3                 | 345                       | 56.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 149   |                      |                           |                           |                      |                           |                           | 65.0                 | 347                       | 55.0                      |                      |                           |                           |                      |                           |                           |
| 150   | 58.7                 | 338                       | 51.5                      | 61.1                 | 342                       | 56.2                      | 64.7                 | 347                       | 55.1                      |                      |                           |                           |                      |                           |                           |
| 155   | 57.5                 | 335                       | 49.5                      | 59.8                 | 340                       | 54.5                      | 63.5                 | 344                       | 55.1                      |                      |                           |                           |                      |                           |                           |
| 160   | 56.1                 | 332                       | 47.7                      | 58.6                 | 337                       | 52.3                      | 62.3                 | 342                       | 53.5                      |                      |                           |                           |                      |                           |                           |
| 165   | 54.8                 | 328                       | 46.0                      | 57.3                 | 333                       | 50.2                      | 60.9                 | 339                       | 51.3                      |                      |                           |                           |                      |                           |                           |
| 170   | 53.5                 | 324                       | 44.5                      | 55.9                 | 330                       | 48.2                      | 59.7                 | 336                       | 49.3                      |                      |                           |                           |                      |                           |                           |
| 175   | 52.1                 | 320                       | 43.1                      | 54.5                 | 326                       | 46.5                      | 58.5                 | 333                       | 47.4                      |                      |                           |                           |                      |                           |                           |
| 180   | 50.7                 | 316                       | 41.8                      | 53.2                 | 322                       | 45.0                      | 57.2                 | 330                       | 45.6                      |                      |                           |                           |                      |                           |                           |
| 185   | 49.2                 | 312                       | 40.5                      | 51.8                 | 319                       | 43.6                      | 55.9                 | 326                       | 43.9                      |                      |                           |                           |                      |                           |                           |
| 190   | 47.8                 | 308                       | 38.8                      | 50.3                 | 314                       | 42.4                      | 54.4                 | 323                       | 42.3                      |                      |                           |                           |                      |                           |                           |
| 195   | 46.3                 | 303                       | 37.1                      | 48.9                 | 310                       | 40.7                      | 53.2                 | 319                       | 40.8                      |                      |                           |                           |                      |                           |                           |
| 200   | 44.7                 | 298                       | 35.5                      | 47.4                 | 306                       | 39.1                      | 51.7                 | 315                       | 39.3                      |                      |                           |                           |                      |                           |                           |
| 205   | 43.1                 | 293                       | 34.0                      | 45.9                 | 301                       | 37.6                      | 50.2                 | 311                       | 38.0                      |                      |                           |                           |                      |                           |                           |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 317                       | 34.2                      |                      |                           |                           |
| 210   | 41.5                 | 287                       | 32.5                      | 44.3                 | 296                       | 36.1                      | 48.8                 | 306                       | 36.7                      | 54.1                 | 315                       | 33.2                      |                      |                           |                           |
| 215   | 39.8                 | 281                       | 31.1                      | 42.7                 | 290                       | 34.7                      | 47.3                 | 302                       | 35.5                      | 52.7                 | 311                       | 32.0                      |                      |                           |                           |
| 220   | 38.1                 | 275                       | 29.8                      | 41.1                 | 285                       | 33.3                      | 45.8                 | 297                       | 34.3                      | 51.4                 | 307                       | 30.9                      |                      |                           |                           |
| 225   | 36.3                 | 268                       | 28.5                      | 39.3                 | 279                       | 32.0                      | 44.2                 | 292                       | 33.2                      | 49.9                 | 303                       | 29.8                      |                      |                           |                           |
| 230   | 34.3                 | 261                       | 27.4                      | 37.6                 | 272                       | 30.8                      | 42.8                 | 287                       | 32.2                      | 48.5                 | 299                       | 28.8                      |                      |                           |                           |
| 235   | 32.3                 | 253                       | 26.0                      | 36.4                 | 268                       | 30.1                      | 40.9                 | 281                       | 31.1                      | 47.0                 | 294                       | 27.8                      |                      |                           |                           |
| 240   | 30.2                 | 245                       | 24.5                      | 34.5                 | 261                       | 29.6                      | 39.8                 | 277                       | 30.2                      | 45.5                 | 289                       | 26.8                      |                      |                           |                           |
| 245   | 27.9                 | 236                       | 22.9                      | 32.5                 | 253                       | 28.0                      | 38.1                 | 271                       | 29.3                      | 43.9                 | 284                       | 25.9                      |                      |                           |                           |
| 250   | 25.5                 | 226                       | 21.4                      | 30.4                 | 245                       | 26.5                      | 36.3                 | 264                       | 28.4                      | 42.3                 | 279                       | 25.1                      |                      |                           |                           |
| 255   | 22.8                 | 214                       | 19.8                      | 28.1                 | 236                       | 24.9                      | 34.3                 | 257                       | 27.6                      | 40.6                 | 273                       | 24.2                      |                      |                           |                           |
| 260   | 20.4                 | 204                       | 18.2                      | 25.7                 | 226                       | 23.3                      | 32.3                 | 249                       | 26.7                      | 38.9                 | 267                       | 23.4                      |                      |                           |                           |
| 265   | 16.9                 | 189                       | 16.8                      | 23.0                 | 214                       | 21.7                      | 30.2                 | 241                       | 25.9                      | 37.1                 | 260                       | 22.6                      |                      |                           |                           |
| 270   |                      |                           |                           | 19.9                 | 201                       | 20.1                      | 27.9                 | 232                       | 25.1                      | 35.3                 | 254                       | 21.9                      |                      |                           |                           |
| 275   |                      |                           |                           | 16.4                 | 186                       | 18.4                      | 25.5                 | 222                       | 24.1                      | 33.3                 | 246                       | 21.1                      |                      |                           |                           |
| 280   |                      |                           |                           |                      |                           |                           | 22.8                 | 210                       | 22.8                      | 31.2                 | 238                       | 20.4                      |                      |                           |                           |
| 285   |                      |                           |                           |                      |                           |                           | 19.7                 | 197                       | 21.4                      | 29.0                 | 229                       | 19.8                      |                      |                           |                           |
| 290   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.7                 | 220                       | 19.1                      |                      |                           |                           |
| 295   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 209                       | 18.5                      |                      |                           |                           |
| 299   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 230                       | 12.8                      |
| 300   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 197                       | 17.8                      | 34.8                 | 230                       | 12.7                      |
| 305   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.9                 | 182                       | 17.2                      | 33.3                 | 224                       | 12.2                      |
| 310   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.2                 | 216                       | 11.8                      |
| 315   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.0                 | 207                       | 11.3                      |
| 320   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.6                 | 197                       | 10.8                      |
| 325   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.1                 | 187                       | 10.3                      |
| 330   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 174                       | 9.9                       |
| 335   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.8                 | 160                       | 9.4                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>272 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 71  | 78.0                 | 380                       | 61.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 77.1                 | 380                       | 61.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 76.0                 | 378                       | 61.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 74.9                 | 377                       | 60.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 73.8                 | 376                       | 59.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 72.7                 | 374                       | 58.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 71.6                 | 372                       | 57.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 103   |                      |                           |                           | 73.0                 | 373                       | 58.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 70.5                 | 371                       | 56.3                      | 72.5                 | 373                       | 57.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 69.3                 | 369                       | 55.5                      | 71.4                 | 371                       | 57.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 68.2                 | 367                       | 54.7                      | 70.3                 | 369                       | 56.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 67.1                 | 365                       | 53.7                      | 69.2                 | 368                       | 55.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 65.9                 | 362                       | 52.8                      | 68.1                 | 366                       | 54.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 64.7                 | 360                       | 52.0                      | 66.9                 | 363                       | 54.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 63.5                 | 358                       | 51.2                      | 65.8                 | 361                       | 53.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 62.4                 | 355                       | 50.6                      | 64.6                 | 359                       | 52.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 61.2                 | 352                       | 50.0                      | 63.4                 | 356                       | 51.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 60.0                 | 350                       | 48.8                      | 62.2                 | 354                       | 50.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 153   |                      |                           |                           |                      |                           |                           | 65.0                 | 356                       | 49.6                      |                      |                           |                           |                      |                           |                           |
| 155   | 58.8                 | 346                       | 47.2                      | 61.0                 | 351                       | 50.4                      | 64.5                 | 355                       | 50.0                      |                      |                           |                           |                      |                           |                           |
| 160   | 57.5                 | 343                       | 45.6                      | 59.8                 | 348                       | 49.0                      | 63.3                 | 353                       | 50.0                      |                      |                           |                           |                      |                           |                           |
| 165   | 56.3                 | 340                       | 44.1                      | 58.6                 | 345                       | 47.4                      | 62.2                 | 350                       | 49.3                      |                      |                           |                           |                      |                           |                           |
| 170   | 55.0                 | 336                       | 42.7                      | 57.4                 | 342                       | 45.8                      | 61.0                 | 348                       | 48.0                      |                      |                           |                           |                      |                           |                           |
| 175   | 53.7                 | 333                       | 41.5                      | 56.0                 | 338                       | 44.4                      | 59.7                 | 345                       | 46.6                      |                      |                           |                           |                      |                           |                           |
| 180   | 52.4                 | 329                       | 40.3                      | 54.7                 | 335                       | 43.1                      | 58.4                 | 341                       | 45.1                      |                      |                           |                           |                      |                           |                           |
| 185   | 51.0                 | 325                       | 39.2                      | 53.4                 | 331                       | 41.9                      | 57.2                 | 338                       | 43.4                      |                      |                           |                           |                      |                           |                           |
| 190   | 49.6                 | 321                       | 38.3                      | 52.1                 | 327                       | 40.8                      | 55.9                 | 335                       | 41.8                      |                      |                           |                           |                      |                           |                           |
| 195   | 48.2                 | 316                       | 36.8                      | 50.7                 | 323                       | 39.9                      | 54.6                 | 331                       | 40.3                      |                      |                           |                           |                      |                           |                           |
| 200   | 46.8                 | 312                       | 35.2                      | 49.3                 | 319                       | 38.5                      | 53.3                 | 328                       | 38.9                      |                      |                           |                           |                      |                           |                           |
| 205   | 45.3                 | 307                       | 33.7                      | 47.9                 | 314                       | 37.0                      | 52.0                 | 324                       | 37.5                      |                      |                           |                           |                      |                           |                           |
| 210   | 43.8                 | 302                       | 32.2                      | 46.4                 | 310                       | 35.6                      | 50.7                 | 320                       | 36.3                      |                      |                           |                           |                      |                           |                           |
| 211   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 326                       | 32.1                      |                      |                           |                           |
| 215   | 42.3                 | 296                       | 30.8                      | 44.9                 | 305                       | 34.1                      | 49.2                 | 315                       | 35.0                      | 54.3                 | 324                       | 31.2                      |                      |                           |                           |
| 220   | 40.7                 | 291                       | 29.4                      | 43.4                 | 299                       | 32.8                      | 47.9                 | 311                       | 33.9                      | 53.0                 | 320                       | 30.1                      |                      |                           |                           |
| 225   | 39.0                 | 285                       | 28.2                      | 41.8                 | 294                       | 31.5                      | 46.5                 | 306                       | 32.8                      | 51.7                 | 316                       | 29.0                      |                      |                           |                           |
| 230   | 37.3                 | 278                       | 27.0                      | 40.2                 | 288                       | 30.3                      | 44.8                 | 301                       | 31.7                      | 50.3                 | 312                       | 28.0                      |                      |                           |                           |
| 235   | 35.5                 | 271                       | 25.8                      | 38.5                 | 282                       | 29.1                      | 43.3                 | 296                       | 30.7                      | 48.9                 | 308                       | 27.0                      |                      |                           |                           |
| 240   | 33.6                 | 264                       | 24.8                      | 37.4                 | 278                       | 28.1                      | 42.3                 | 292                       | 29.8                      | 47.5                 | 303                       | 26.1                      |                      |                           |                           |
| 245   | 31.7                 | 256                       | 23.4                      | 35.6                 | 271                       | 27.7                      | 40.7                 | 286                       | 28.8                      | 46.0                 | 298                       | 25.2                      |                      |                           |                           |
| 250   | 29.6                 | 247                       | 21.9                      | 33.8                 | 264                       | 26.7                      | 39.0                 | 280                       | 27.9                      | 44.5                 | 293                       | 24.3                      |                      |                           |                           |
| 255   | 27.3                 | 238                       | 20.5                      | 31.8                 | 256                       | 25.3                      | 37.3                 | 274                       | 27.0                      | 43.0                 | 288                       | 23.5                      |                      |                           |                           |
| 260   | 24.9                 | 228                       | 19.0                      | 29.7                 | 247                       | 23.8                      | 35.5                 | 267                       | 26.1                      | 41.4                 | 282                       | 22.7                      |                      |                           |                           |
| 265   | 22.8                 | 219                       | 17.6                      | 27.5                 | 238                       | 22.3                      | 33.6                 | 260                       | 25.3                      | 39.8                 | 276                       | 21.9                      |                      |                           |                           |
| 270   | 19.9                 | 206                       | 16.3                      | 25.1                 | 228                       | 20.8                      | 31.7                 | 252                       | 24.5                      | 38.1                 | 270                       | 21.2                      |                      |                           |                           |
| 275   | 16.5                 | 190                       | 14.9                      | 22.5                 | 216                       | 19.3                      | 29.6                 | 243                       | 23.7                      | 36.4                 | 264                       | 20.4                      |                      |                           |                           |
| 280   |                      |                           |                           | 19.5                 | 203                       | 17.8                      | 27.3                 | 234                       | 22.9                      | 34.5                 | 256                       | 19.7                      |                      |                           |                           |
| 285   |                      |                           |                           | 15.9                 | 187                       | 16.3                      | 24.9                 | 223                       | 21.8                      | 32.6                 | 249                       | 19.1                      |                      |                           |                           |
| 290   |                      |                           |                           |                      |                           |                           | 22.2                 | 212                       | 20.5                      | 30.6                 | 240                       | 18.4                      |                      |                           |                           |
| 295   |                      |                           |                           |                      |                           |                           | 19.2                 | 198                       | 19.2                      | 28.4                 | 232                       | 17.8                      |                      |                           |                           |
| 300   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.1                 | 222                       | 17.2                      |                      |                           |                           |
| 305   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.6                 | 211                       | 16.6                      |                      |                           |                           |
| 307   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 236                       | 11.2                      |
| 310   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.7                 | 198                       | 16.0                      | 34.5                 | 234                       | 11.0                      |
| 315   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.6                 | 226                       | 10.5                      |
| 320   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.6                 | 218                       | 10.1                      |
| 325   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.4                 | 209                       | 9.6                       |
| 330   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.1                 | 199                       | 9.2                       |
| 335   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.5                 | 188                       | 8.7                       |
| 340   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.7                 | 176                       | 8.3                       |
| 345   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.4                 | 161                       | 7.9                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs]: 273.4  
 Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>282 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 73  | 78.0                 | 390                       | 57.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 77.6                 | 390                       | 57.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 76.5                 | 388                       | 57.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 75.5                 | 387                       | 56.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 74.4                 | 386                       | 55.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 73.3                 | 384                       | 54.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 72.3                 | 383                       | 53.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 71.2                 | 381                       | 52.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 106   |                      |                           |                           | 73.0                 | 383                       | 52.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 70.1                 | 379                       | 51.5                      | 72.1                 | 382                       | 52.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 69.0                 | 377                       | 50.8                      | 71.0                 | 380                       | 52.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 67.9                 | 375                       | 50.0                      | 70.0                 | 378                       | 51.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 66.8                 | 373                       | 49.1                      | 68.9                 | 376                       | 50.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 65.7                 | 371                       | 48.3                      | 67.8                 | 374                       | 49.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 64.5                 | 368                       | 47.5                      | 66.7                 | 372                       | 48.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 63.5                 | 366                       | 46.9                      | 65.6                 | 370                       | 47.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 62.3                 | 363                       | 46.3                      | 64.4                 | 367                       | 47.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 61.1                 | 361                       | 45.8                      | 63.3                 | 365                       | 46.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 60.0                 | 358                       | 44.8                      | 62.1                 | 362                       | 46.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 157   |                      |                           |                           |                      |                           |                           | 65.0                 | 365                       | 44.9                      |                      |                           |                           |                      |                           |                           |
| 160   | 58.8                 | 355                       | 43.5                      | 61.0                 | 359                       | 45.5                      | 64.3                 | 364                       | 45.6                      |                      |                           |                           |                      |                           |                           |
| 165   | 57.6                 | 352                       | 42.2                      | 59.8                 | 357                       | 44.4                      | 63.2                 | 361                       | 45.6                      |                      |                           |                           |                      |                           |                           |
| 170   | 56.3                 | 348                       | 41.0                      | 58.6                 | 353                       | 43.2                      | 62.1                 | 359                       | 45.1                      |                      |                           |                           |                      |                           |                           |
| 175   | 55.1                 | 345                       | 39.9                      | 57.3                 | 350                       | 42.1                      | 60.9                 | 356                       | 44.3                      |                      |                           |                           |                      |                           |                           |
| 180   | 53.9                 | 341                       | 38.9                      | 56.1                 | 347                       | 41.1                      | 59.7                 | 353                       | 43.5                      |                      |                           |                           |                      |                           |                           |
| 185   | 52.6                 | 338                       | 38.0                      | 54.9                 | 343                       | 40.1                      | 58.5                 | 350                       | 42.9                      |                      |                           |                           |                      |                           |                           |
| 190   | 51.3                 | 334                       | 37.1                      | 53.6                 | 340                       | 39.2                      | 57.3                 | 347                       | 41.4                      |                      |                           |                           |                      |                           |                           |
| 195   | 49.9                 | 329                       | 36.3                      | 52.3                 | 336                       | 38.4                      | 56.0                 | 343                       | 39.9                      |                      |                           |                           |                      |                           |                           |
| 200   | 48.7                 | 325                       | 35.2                      | 51.0                 | 332                       | 37.7                      | 54.8                 | 340                       | 38.5                      |                      |                           |                           |                      |                           |                           |
| 205   | 47.3                 | 321                       | 33.7                      | 49.7                 | 328                       | 36.8                      | 53.6                 | 336                       | 37.2                      |                      |                           |                           |                      |                           |                           |
| 210   | 45.9                 | 316                       | 32.2                      | 48.3                 | 323                       | 35.3                      | 52.3                 | 333                       | 35.9                      |                      |                           |                           |                      |                           |                           |
| 215   | 44.4                 | 311                       | 30.8                      | 46.9                 | 318                       | 34.0                      | 51.0                 | 329                       | 34.7                      |                      |                           |                           |                      |                           |                           |
| 216   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 334                       | 30.2                      |                      |                           |                           |
| 220   | 43.0                 | 306                       | 29.5                      | 45.5                 | 314                       | 32.6                      | 49.6                 | 324                       | 33.5                      | 54.5                 | 332                       | 29.5                      |                      |                           |                           |
| 225   | 41.4                 | 300                       | 28.2                      | 44.1                 | 308                       | 31.3                      | 48.4                 | 320                       | 32.4                      | 53.2                 | 328                       | 28.5                      |                      |                           |                           |
| 230   | 39.9                 | 294                       | 27.0                      | 42.6                 | 303                       | 30.1                      | 47.0                 | 315                       | 31.3                      | 51.9                 | 324                       | 27.4                      |                      |                           |                           |
| 235   | 38.2                 | 288                       | 25.8                      | 41.0                 | 297                       | 28.9                      | 45.9                 | 312                       | 30.2                      | 50.6                 | 320                       | 26.5                      |                      |                           |                           |
| 240   | 36.6                 | 281                       | 24.7                      | 39.4                 | 291                       | 27.8                      | 44.4                 | 307                       | 29.3                      | 49.3                 | 316                       | 25.5                      |                      |                           |                           |
| 245   | 34.8                 | 274                       | 23.7                      | 37.8                 | 285                       | 26.8                      | 43.0                 | 301                       | 28.3                      | 47.9                 | 312                       | 24.6                      |                      |                           |                           |
| 250   | 33.0                 | 266                       | 22.6                      | 36.7                 | 281                       | 26.0                      | 41.4                 | 296                       | 27.4                      | 46.6                 | 307                       | 23.8                      |                      |                           |                           |
| 255   | 31.0                 | 258                       | 21.2                      | 34.9                 | 274                       | 25.6                      | 39.9                 | 290                       | 26.5                      | 45.1                 | 302                       | 22.9                      |                      |                           |                           |
| 260   | 29.0                 | 250                       | 19.9                      | 33.1                 | 266                       | 24.4                      | 38.2                 | 284                       | 25.6                      | 43.7                 | 297                       | 22.1                      |                      |                           |                           |
| 265   | 27.3                 | 242                       | 18.5                      | 31.2                 | 258                       | 23.1                      | 36.6                 | 277                       | 24.7                      | 42.2                 | 292                       | 21.3                      |                      |                           |                           |
| 270   | 24.9                 | 232                       | 17.3                      | 29.1                 | 249                       | 21.7                      | 34.8                 | 270                       | 23.9                      | 40.6                 | 286                       | 20.6                      |                      |                           |                           |
| 275   | 22.3                 | 220                       | 16.0                      | 26.9                 | 240                       | 20.3                      | 33.0                 | 262                       | 23.2                      | 39.0                 | 280                       | 19.9                      |                      |                           |                           |
| 280   | 19.5                 | 207                       | 14.7                      | 24.6                 | 229                       | 18.9                      | 31.0                 | 254                       | 22.4                      | 37.4                 | 273                       | 19.2                      |                      |                           |                           |
| 285   | 16.1                 | 191                       | 13.4                      | 22.0                 | 217                       | 17.5                      | 29.0                 | 245                       | 21.7                      | 35.6                 | 266                       | 18.5                      |                      |                           |                           |
| 290   |                      |                           |                           | 19.0                 | 204                       | 16.0                      | 26.8                 | 236                       | 20.9                      | 33.9                 | 259                       | 17.9                      |                      |                           |                           |
| 295   |                      |                           |                           | 15.5                 | 187                       | 14.6                      | 24.4                 | 225                       | 19.8                      | 32.0                 | 251                       | 17.2                      |                      |                           |                           |
| 300   |                      |                           |                           |                      |                           |                           | 21.8                 | 213                       | 18.6                      | 30.0                 | 243                       | 16.6                      |                      |                           |                           |
| 305   |                      |                           |                           |                      |                           |                           | 18.8                 | 199                       | 17.4                      | 27.8                 | 234                       | 16.0                      |                      |                           |                           |
| 310   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 224                       | 15.5                      |                      |                           |                           |
| 315   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 242                       | 9.8                       |
| 315   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.1                 | 212                       | 14.9                      | 35.0                 | 242                       | 9.8                       |
| 320   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.3                 | 199                       | 14.3                      | 33.8                 | 237                       | 9.5                       |
| 325   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.9                 | 229                       | 9.0                       |
| 330   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.9                 | 220                       | 8.6                       |
| 335   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.8                 | 211                       | 8.2                       |
| 340   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.5                 | 201                       | 7.8                       |
| 345   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.0                 | 190                       | 7.4                       |
| 350   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.2                 | 177                       | 7.0                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>292 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 78.0                 | 400                       | 52.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 78.0                 | 400                       | 52.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 77.0                 | 399                       | 52.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 76.0                 | 397                       | 51.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 74.9                 | 396                       | 50.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 73.9                 | 395                       | 49.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 72.9                 | 393                       | 48.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 71.8                 | 392                       | 47.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 109   |                      |                           |                           | 73.0                 | 392                       | 47.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 70.8                 | 390                       | 47.0                      | 72.7                 | 392                       | 47.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 69.8                 | 388                       | 46.3                      | 71.7                 | 390                       | 47.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 68.7                 | 386                       | 45.7                      | 70.7                 | 388                       | 46.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 67.6                 | 384                       | 44.9                      | 69.6                 | 387                       | 46.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 66.6                 | 382                       | 44.1                      | 68.5                 | 385                       | 45.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 65.5                 | 379                       | 43.4                      | 67.5                 | 383                       | 44.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 64.4                 | 377                       | 42.7                      | 66.4                 | 380                       | 43.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 63.3                 | 375                       | 42.2                      | 65.3                 | 378                       | 43.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 62.2                 | 372                       | 41.6                      | 64.2                 | 376                       | 42.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 61.0                 | 369                       | 41.2                      | 63.1                 | 373                       | 42.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 59.9                 | 366                       | 40.3                      | 62.0                 | 371                       | 41.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 161   |                      |                           |                           |                      |                           |                           | 65.0                 | 374                       | 41.0                      |                      |                           |                           |                      |                           |                           |
| 165   | 58.7                 | 363                       | 39.4                      | 60.9                 | 368                       | 41.1                      | 64.1                 | 372                       | 41.0                      |                      |                           |                           |                      |                           |                           |
| 170   | 57.6                 | 360                       | 38.4                      | 59.7                 | 365                       | 40.3                      | 63.0                 | 370                       | 41.0                      |                      |                           |                           |                      |                           |                           |
| 175   | 56.4                 | 357                       | 37.6                      | 58.6                 | 362                       | 39.4                      | 61.9                 | 367                       | 40.6                      |                      |                           |                           |                      |                           |                           |
| 180   | 55.2                 | 353                       | 36.7                      | 57.4                 | 359                       | 38.6                      | 60.8                 | 364                       | 39.9                      |                      |                           |                           |                      |                           |                           |
| 185   | 54.0                 | 350                       | 36.0                      | 56.2                 | 355                       | 37.8                      | 59.7                 | 361                       | 39.3                      |                      |                           |                           |                      |                           |                           |
| 190   | 52.8                 | 346                       | 35.3                      | 55.0                 | 352                       | 37.1                      | 58.5                 | 358                       | 38.8                      |                      |                           |                           |                      |                           |                           |
| 195   | 51.5                 | 342                       | 34.6                      | 53.8                 | 348                       | 36.4                      | 57.3                 | 355                       | 38.2                      |                      |                           |                           |                      |                           |                           |
| 200   | 50.2                 | 338                       | 34.0                      | 52.6                 | 344                       | 35.8                      | 56.1                 | 352                       | 37.1                      |                      |                           |                           |                      |                           |                           |
| 205   | 48.9                 | 334                       | 33.2                      | 51.3                 | 340                       | 35.3                      | 54.9                 | 348                       | 36.0                      |                      |                           |                           |                      |                           |                           |
| 210   | 47.6                 | 329                       | 31.8                      | 50.0                 | 336                       | 34.6                      | 53.7                 | 345                       | 35.1                      |                      |                           |                           |                      |                           |                           |
| 215   | 46.2                 | 324                       | 30.4                      | 48.7                 | 332                       | 33.3                      | 52.5                 | 341                       | 34.0                      |                      |                           |                           |                      |                           |                           |
| 220   | 44.8                 | 319                       | 29.0                      | 47.4                 | 327                       | 32.0                      | 51.2                 | 337                       | 32.8                      |                      |                           |                           |                      |                           |                           |
| 222   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 342                       | 28.2                      |                      |                           |                           |
| 225   | 43.4                 | 314                       | 27.7                      | 46.0                 | 322                       | 30.7                      | 49.9                 | 333                       | 31.7                      | 54.7                 | 341                       | 27.7                      |                      |                           |                           |
| 230   | 41.9                 | 308                       | 26.5                      | 44.6                 | 318                       | 29.5                      | 48.6                 | 328                       | 30.5                      | 53.5                 | 337                       | 26.7                      |                      |                           |                           |
| 235   | 40.4                 | 303                       | 25.3                      | 43.2                 | 312                       | 28.3                      | 47.3                 | 324                       | 29.5                      | 52.2                 | 333                       | 25.7                      |                      |                           |                           |
| 240   | 38.9                 | 296                       | 24.2                      | 41.7                 | 307                       | 27.2                      | 45.9                 | 319                       | 28.5                      | 51.0                 | 329                       | 24.8                      |                      |                           |                           |
| 245   | 37.3                 | 290                       | 23.1                      | 40.2                 | 301                       | 26.1                      | 44.5                 | 314                       | 27.5                      | 49.7                 | 325                       | 23.9                      |                      |                           |                           |
| 250   | 35.6                 | 283                       | 22.1                      | 38.7                 | 295                       | 25.1                      | 43.1                 | 308                       | 26.6                      | 48.4                 | 320                       | 23.0                      |                      |                           |                           |
| 255   | 33.8                 | 276                       | 21.2                      | 37.0                 | 288                       | 24.2                      | 42.1                 | 305                       | 25.8                      | 47.0                 | 316                       | 22.2                      |                      |                           |                           |
| 260   | 32.7                 | 271                       | 20.0                      | 36.0                 | 284                       | 23.4                      | 40.6                 | 299                       | 24.9                      | 45.7                 | 311                       | 21.4                      |                      |                           |                           |
| 265   | 30.8                 | 263                       | 18.8                      | 34.3                 | 276                       | 22.9                      | 39.1                 | 293                       | 24.1                      | 44.3                 | 306                       | 20.6                      |                      |                           |                           |
| 270   | 28.8                 | 254                       | 17.6                      | 32.5                 | 269                       | 21.7                      | 37.5                 | 287                       | 23.3                      | 42.8                 | 301                       | 19.9                      |                      |                           |                           |
| 275   | 26.7                 | 244                       | 16.4                      | 30.6                 | 260                       | 20.4                      | 35.9                 | 280                       | 22.5                      | 41.4                 | 295                       | 19.2                      |                      |                           |                           |
| 280   | 24.4                 | 234                       | 15.2                      | 28.6                 | 252                       | 19.1                      | 34.1                 | 273                       | 21.7                      | 39.9                 | 289                       | 18.5                      |                      |                           |                           |
| 285   | 21.9                 | 222                       | 14.0                      | 26.4                 | 242                       | 17.9                      | 32.3                 | 265                       | 21.0                      | 38.3                 | 283                       | 17.8                      |                      |                           |                           |
| 290   | 19.0                 | 208                       | 12.8                      | 24.1                 | 231                       | 16.6                      | 30.4                 | 257                       | 20.3                      | 36.7                 | 276                       | 17.2                      |                      |                           |                           |
| 295   | 15.7                 | 192                       | 11.6                      | 21.5                 | 219                       | 15.3                      | 28.4                 | 248                       | 19.6                      | 35.0                 | 269                       | 16.5                      |                      |                           |                           |
| 300   |                      |                           |                           | 18.6                 | 205                       | 14.0                      | 26.2                 | 238                       | 18.7                      | 33.2                 | 262                       | 15.9                      |                      |                           |                           |
| 305   |                      |                           |                           | 15.1                 | 188                       | 12.6                      | 23.9                 | 227                       | 17.6                      | 31.3                 | 254                       | 15.4                      |                      |                           |                           |
| 310   |                      |                           |                           |                      |                           |                           | 21.3                 | 215                       | 16.5                      | 29.4                 | 245                       | 14.8                      |                      |                           |                           |
| 315   |                      |                           |                           |                      |                           |                           | 18.3                 | 200                       | 15.4                      | 27.3                 | 236                       | 14.2                      |                      |                           |                           |
| 320   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.0                 | 225                       | 13.7                      |                      |                           |                           |
| 323   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 247                       | 8.3                       |
| 325   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.6                 | 214                       | 13.2                      | 34.9                 | 247                       | 8.3                       |
| 330   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.8                 | 201                       | 12.6                      | 33.2                 | 240                       | 7.8                       |
| 335   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.3                 | 231                       | 7.4                       |
| 340   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 223                       | 7.0                       |
| 345   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.3                 | 213                       | 6.6                       |
| 350   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.0                 | 203                       | 6.2                       |
| 355   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 191                       | 5.9                       |
| 360   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.8                 | 178                       | 5.5                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>302 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 77  | 78.0                 | 409                       | 47.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 77.4                 | 409                       | 47.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 76.4                 | 408                       | 47.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 75.4                 | 406                       | 46.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 74.5                 | 405                       | 45.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 73.5                 | 403                       | 45.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 72.5                 | 402                       | 44.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 71.5                 | 400                       | 43.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 112   |                      |                           |                           | 73.0                 | 402                       | 43.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 70.4                 | 398                       | 42.5                      | 72.3                 | 401                       | 43.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 69.4                 | 396                       | 41.9                      | 71.3                 | 399                       | 43.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 68.4                 | 394                       | 41.4                      | 70.3                 | 397                       | 42.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 67.4                 | 392                       | 40.6                      | 69.3                 | 395                       | 41.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 66.3                 | 390                       | 39.9                      | 68.3                 | 393                       | 41.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 65.3                 | 388                       | 39.3                      | 67.2                 | 391                       | 40.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 64.2                 | 386                       | 38.7                      | 66.2                 | 389                       | 40.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 63.2                 | 383                       | 38.2                      | 65.1                 | 387                       | 39.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 62.1                 | 380                       | 37.8                      | 64.1                 | 384                       | 38.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 61.0                 | 378                       | 37.3                      | 63.0                 | 382                       | 38.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 59.9                 | 375                       | 36.7                      | 61.9                 | 379                       | 37.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   |                      |                           |                           |                      |                           |                           | 65.0                 | 383                       | 37.7                      |                      |                           |                           |                      |                           |                           |
| 170   | 58.8                 | 372                       | 36.0                      | 60.8                 | 376                       | 37.5                      | 64.0                 | 381                       | 37.7                      |                      |                           |                           |                      |                           |                           |
| 175   | 57.6                 | 369                       | 35.3                      | 59.7                 | 373                       | 36.9                      | 62.9                 | 378                       | 37.6                      |                      |                           |                           |                      |                           |                           |
| 180   | 56.5                 | 365                       | 34.7                      | 58.6                 | 370                       | 36.3                      | 61.8                 | 376                       | 37.1                      |                      |                           |                           |                      |                           |                           |
| 185   | 55.3                 | 362                       | 34.1                      | 57.5                 | 367                       | 35.6                      | 60.8                 | 373                       | 36.5                      |                      |                           |                           |                      |                           |                           |
| 190   | 54.2                 | 358                       | 33.6                      | 56.3                 | 364                       | 35.1                      | 59.6                 | 370                       | 36.0                      |                      |                           |                           |                      |                           |                           |
| 195   | 53.0                 | 354                       | 33.1                      | 55.2                 | 360                       | 34.5                      | 58.5                 | 367                       | 35.6                      |                      |                           |                           |                      |                           |                           |
| 200   | 51.8                 | 351                       | 32.6                      | 54.0                 | 357                       | 34.1                      | 57.4                 | 364                       | 35.2                      |                      |                           |                           |                      |                           |                           |
| 205   | 50.5                 | 346                       | 32.2                      | 52.8                 | 353                       | 33.6                      | 56.3                 | 360                       | 34.3                      |                      |                           |                           |                      |                           |                           |
| 210   | 49.3                 | 342                       | 31.8                      | 51.6                 | 349                       | 33.2                      | 55.1                 | 357                       | 33.4                      |                      |                           |                           |                      |                           |                           |
| 215   | 48.0                 | 338                       | 30.4                      | 50.4                 | 345                       | 32.8                      | 53.9                 | 353                       | 32.7                      |                      |                           |                           |                      |                           |                           |
| 220   | 46.7                 | 333                       | 29.1                      | 49.1                 | 341                       | 31.7                      | 52.7                 | 349                       | 31.9                      |                      |                           |                           |                      |                           |                           |
| 225   | 45.4                 | 328                       | 27.8                      | 47.8                 | 336                       | 30.5                      | 51.5                 | 345                       | 31.2                      |                      |                           |                           |                      |                           |                           |
| 228   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 350                       | 26.6                      |                      |                           |                           |
| 230   | 44.0                 | 323                       | 26.5                      | 46.5                 | 331                       | 29.2                      | 50.3                 | 341                       | 30.1                      | 54.8                 | 349                       | 26.2                      |                      |                           |                           |
| 235   | 42.6                 | 318                       | 25.4                      | 45.2                 | 326                       | 28.1                      | 49.0                 | 337                       | 29.1                      | 53.7                 | 346                       | 25.3                      |                      |                           |                           |
| 240   | 41.2                 | 312                       | 24.2                      | 43.8                 | 321                       | 26.9                      | 47.7                 | 332                       | 28.0                      | 52.5                 | 342                       | 24.3                      |                      |                           |                           |
| 245   | 39.7                 | 306                       | 23.1                      | 42.4                 | 316                       | 25.9                      | 46.4                 | 328                       | 27.1                      | 51.3                 | 338                       | 23.4                      |                      |                           |                           |
| 250   | 38.2                 | 300                       | 22.1                      | 41.0                 | 310                       | 24.8                      | 45.1                 | 323                       | 26.1                      | 50.0                 | 334                       | 22.6                      |                      |                           |                           |
| 255   | 36.6                 | 293                       | 21.1                      | 39.5                 | 304                       | 23.8                      | 43.7                 | 318                       | 25.2                      | 48.8                 | 329                       | 21.8                      |                      |                           |                           |
| 260   | 34.9                 | 286                       | 20.2                      | 37.9                 | 298                       | 22.9                      | 42.3                 | 312                       | 24.4                      | 47.5                 | 325                       | 21.0                      |                      |                           |                           |
| 265   | 33.2                 | 278                       | 19.3                      | 36.4                 | 291                       | 22.0                      | 40.9                 | 306                       | 23.5                      | 46.2                 | 320                       | 20.2                      |                      |                           |                           |
| 270   | 32.1                 | 273                       | 18.0                      | 35.3                 | 287                       | 21.3                      | 39.9                 | 302                       | 22.9                      | 44.8                 | 315                       | 19.5                      |                      |                           |                           |
| 275   | 30.2                 | 265                       | 16.9                      | 33.6                 | 279                       | 20.5                      | 38.4                 | 296                       | 22.1                      | 43.5                 | 310                       | 18.7                      |                      |                           |                           |
| 280   | 28.3                 | 256                       | 15.8                      | 31.9                 | 271                       | 19.4                      | 36.8                 | 290                       | 21.3                      | 42.1                 | 304                       | 18.1                      |                      |                           |                           |
| 285   | 26.2                 | 246                       | 14.7                      | 30.0                 | 263                       | 18.2                      | 35.2                 | 283                       | 20.6                      | 40.6                 | 298                       | 17.4                      |                      |                           |                           |
| 290   | 23.9                 | 235                       | 13.5                      | 28.0                 | 254                       | 17.1                      | 33.5                 | 275                       | 19.9                      | 39.1                 | 292                       | 16.7                      |                      |                           |                           |
| 295   | 21.4                 | 223                       | 12.4                      | 25.9                 | 244                       | 15.9                      | 31.7                 | 267                       | 19.2                      | 37.6                 | 286                       | 16.1                      |                      |                           |                           |
| 300   | 18.6                 | 209                       | 11.2                      | 23.6                 | 233                       | 14.7                      | 29.8                 | 259                       | 18.6                      | 36.0                 | 279                       | 15.5                      |                      |                           |                           |
| 305   | 15.3                 | 192                       | 10.1                      | 21.1                 | 220                       | 13.5                      | 27.8                 | 250                       | 17.8                      | 34.3                 | 272                       | 14.9                      |                      |                           |                           |
| 310   |                      |                           |                           | 18.2                 | 206                       | 12.3                      | 25.7                 | 240                       | 16.8                      | 32.6                 | 264                       | 14.4                      |                      |                           |                           |
| 315   |                      |                           |                           |                      |                           |                           | 23.4                 | 228                       | 15.8                      | 30.7                 | 256                       | 13.8                      |                      |                           |                           |
| 320   |                      |                           |                           |                      |                           |                           | 20.8                 | 216                       | 14.8                      | 28.8                 | 247                       | 13.3                      |                      |                           |                           |
| 325   |                      |                           |                           |                      |                           |                           | 17.9                 | 202                       | 13.8                      | 26.8                 | 238                       | 12.8                      |                      |                           |                           |
| 330   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.5                 | 227                       | 12.2                      |                      |                           |                           |
| 331   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 253                       | 7.2                       |
| 335   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.1                 | 215                       | 11.8                      | 34.3                 | 250                       | 7.0                       |
| 340   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.4                 | 202                       | 11.3                      | 32.6                 | 242                       | 6.6                       |
| 345   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.7                 | 234                       | 6.2                       |
| 350   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.8                 | 225                       | 5.8                       |
| 355   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.7                 | 215                       | 5.5                       |
| 360   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.5                 | 205                       | 5.1                       |
| 365   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.1                 | 193                       | 4.7                       |
| 370   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.3                 | 180                       | 4.4                       |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>312 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 79  | 78.0                 | 419                       | 43.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 77.8                 | 419                       | 43.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 76.9                 | 418                       | 43.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 75.9                 | 416                       | 42.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 75.0                 | 415                       | 41.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 74.0                 | 414                       | 41.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 73.0                 | 412                       | 40.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 72.1                 | 410                       | 39.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 114   |                      |                           |                           | 73.0                 | 411                       | 39.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 71.1                 | 409                       | 38.7                      | 72.9                 | 411                       | 39.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 70.1                 | 407                       | 38.1                      | 71.9                 | 409                       | 39.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 69.1                 | 405                       | 37.5                      | 71.0                 | 408                       | 38.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 68.1                 | 403                       | 36.9                      | 70.0                 | 406                       | 37.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 67.1                 | 401                       | 36.2                      | 69.0                 | 404                       | 37.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 66.1                 | 399                       | 35.6                      | 68.0                 | 402                       | 36.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 65.1                 | 396                       | 35.0                      | 67.0                 | 400                       | 36.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 64.1                 | 394                       | 34.4                      | 66.0                 | 398                       | 35.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 63.0                 | 392                       | 34.0                      | 65.0                 | 395                       | 34.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 62.0                 | 389                       | 33.5                      | 63.9                 | 393                       | 34.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 60.9                 | 386                       | 33.2                      | 62.9                 | 390                       | 33.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 169   |                      |                           |                           |                      |                           |                           | 65.0                 | 392                       | 33.4                      |                      |                           |                           |                      |                           |                           |
| 170   | 59.9                 | 383                       | 32.6                      | 61.8                 | 388                       | 33.4                      | 64.9                 | 392                       | 33.4                      |                      |                           |                           |                      |                           |                           |
| 175   | 58.8                 | 380                       | 32.0                      | 60.8                 | 385                       | 33.1                      | 63.9                 | 389                       | 33.3                      |                      |                           |                           |                      |                           |                           |
| 180   | 57.7                 | 377                       | 31.5                      | 59.7                 | 382                       | 32.5                      | 62.8                 | 387                       | 33.1                      |                      |                           |                           |                      |                           |                           |
| 185   | 56.6                 | 374                       | 31.0                      | 58.6                 | 379                       | 32.0                      | 61.8                 | 384                       | 32.6                      |                      |                           |                           |                      |                           |                           |
| 190   | 55.5                 | 370                       | 30.5                      | 57.6                 | 376                       | 31.5                      | 60.7                 | 381                       | 32.1                      |                      |                           |                           |                      |                           |                           |
| 195   | 54.3                 | 367                       | 30.1                      | 56.4                 | 372                       | 31.0                      | 59.6                 | 378                       | 31.7                      |                      |                           |                           |                      |                           |                           |
| 200   | 53.2                 | 363                       | 29.6                      | 55.3                 | 369                       | 30.6                      | 58.6                 | 375                       | 31.3                      |                      |                           |                           |                      |                           |                           |
| 205   | 52.0                 | 359                       | 29.3                      | 54.2                 | 365                       | 30.2                      | 57.5                 | 372                       | 31.0                      |                      |                           |                           |                      |                           |                           |
| 210   | 50.8                 | 355                       | 28.9                      | 53.0                 | 362                       | 29.8                      | 56.4                 | 369                       | 30.4                      |                      |                           |                           |                      |                           |                           |
| 215   | 49.6                 | 351                       | 28.6                      | 51.9                 | 358                       | 29.5                      | 55.2                 | 365                       | 29.8                      |                      |                           |                           |                      |                           |                           |
| 220   | 48.4                 | 346                       | 27.6                      | 50.7                 | 354                       | 29.2                      | 54.1                 | 362                       | 29.3                      |                      |                           |                           |                      |                           |                           |
| 225   | 47.2                 | 342                       | 26.5                      | 49.5                 | 349                       | 28.4                      | 52.9                 | 358                       | 28.8                      |                      |                           |                           |                      |                           |                           |
| 230   | 45.9                 | 337                       | 25.4                      | 48.2                 | 345                       | 27.4                      | 51.8                 | 354                       | 28.3                      |                      |                           |                           |                      |                           |                           |
| 234   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 358                       | 24.7                      |                      |                           |                           |
| 235   | 44.6                 | 332                       | 24.3                      | 47.0                 | 340                       | 26.4                      | 50.6                 | 350                       | 28.0                      | 54.7                 | 357                       | 24.4                      |                      |                           |                           |
| 240   | 43.2                 | 327                       | 23.2                      | 45.7                 | 335                       | 25.4                      | 49.4                 | 346                       | 27.4                      | 53.8                 | 354                       | 23.6                      |                      |                           |                           |
| 245   | 41.8                 | 321                       | 22.2                      | 44.4                 | 330                       | 24.5                      | 48.1                 | 341                       | 26.4                      | 52.7                 | 350                       | 22.7                      |                      |                           |                           |
| 250   | 40.4                 | 315                       | 21.3                      | 43.0                 | 325                       | 23.6                      | 46.9                 | 337                       | 25.5                      | 51.5                 | 346                       | 21.8                      |                      |                           |                           |
| 255   | 39.0                 | 309                       | 20.3                      | 41.7                 | 319                       | 22.7                      | 45.6                 | 332                       | 24.6                      | 50.3                 | 342                       | 21.0                      |                      |                           |                           |
| 260   | 37.5                 | 303                       | 19.5                      | 40.2                 | 314                       | 21.9                      | 44.3                 | 327                       | 23.7                      | 49.1                 | 338                       | 20.2                      |                      |                           |                           |
| 265   | 35.9                 | 296                       | 18.7                      | 38.8                 | 307                       | 21.1                      | 42.9                 | 321                       | 22.9                      | 47.9                 | 333                       | 19.5                      |                      |                           |                           |
| 270   | 34.3                 | 289                       | 17.9                      | 37.3                 | 301                       | 20.3                      | 41.5                 | 316                       | 22.1                      | 46.6                 | 329                       | 18.7                      |                      |                           |                           |
| 275   | 33.2                 | 284                       | 17.3                      | 35.7                 | 294                       | 19.7                      | 40.1                 | 310                       | 21.3                      | 45.3                 | 324                       | 18.0                      |                      |                           |                           |
| 280   | 31.5                 | 276                       | 16.2                      | 34.7                 | 289                       | 19.4                      | 39.2                 | 306                       | 20.6                      | 44.0                 | 319                       | 17.3                      |                      |                           |                           |
| 285   | 29.7                 | 267                       | 15.1                      | 33.0                 | 282                       | 18.3                      | 37.7                 | 300                       | 20.0                      | 42.7                 | 313                       | 16.7                      |                      |                           |                           |
| 290   | 27.8                 | 258                       | 14.0                      | 31.3                 | 274                       | 17.2                      | 36.2                 | 293                       | 19.3                      | 41.3                 | 308                       | 16.0                      |                      |                           |                           |
| 295   | 25.7                 | 248                       | 12.9                      | 29.4                 | 265                       | 16.1                      | 34.6                 | 286                       | 18.6                      | 39.9                 | 302                       | 15.4                      |                      |                           |                           |
| 300   | 23.5                 | 237                       | 11.8                      | 27.5                 | 256                       | 15.0                      | 32.9                 | 278                       | 17.9                      | 38.4                 | 296                       | 14.8                      |                      |                           |                           |
| 305   | 21.0                 | 224                       | 10.7                      | 25.4                 | 246                       | 13.9                      | 31.1                 | 270                       | 17.3                      | 36.9                 | 289                       | 14.2                      |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|---|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|   | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| <b>105 ft Main boom</b><br><b>312 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)</b> |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 310   | 18.2                 | 210                                | 9.6                                | 23.1                 | 234                                | 12.8                               | 29.3                 | 261                                | 16.7                               | 35.3                 | 282                                | 13.7                               |                      |                                    |                                    |
| 315   |                      |                                    |                                    | 20.6                 | 222                                | 11.7                               | 27.3                 | 252                                | 15.8                               | 33.7                 | 275                                | 13.1                               |                      |                                    |                                    |
| 320   |                      |                                    |                                    | 17.8                 | 207                                | 10.5                               | 25.2                 | 242                                | 14.8                               | 32.0                 | 267                                | 12.6                               |                      |                                    |                                    |
| 325   |                      |                                    |                                    |                      |                                    |                                    | 22.9                 | 230                                | 13.9                               | 30.2                 | 259                                | 12.1                               |                      |                                    |                                    |
| 330   |                      |                                    |                                    |                      |                                    |                                    | 20.4                 | 217                                | 12.9                               | 28.3                 | 250                                | 11.6                               |                      |                                    |                                    |
| 335   |                      |                                    |                                    |                      |                                    |                                    | 17.5                 | 202                                | 11.9                               | 26.3                 | 240                                | 11.1                               |                      |                                    |                                    |
| 339   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 258                                | 5.8                                |
| 340   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 24.1                 | 229                                | 10.6                               | 34.7                 | 257                                | 5.7                                |
| 345   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 21.7                 | 217                                | 10.1                               | 33.7                 | 252                                | 5.5                                |
| 350   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 19.0                 | 203                                | 9.7                                | 32.0                 | 245                                | 5.1                                |
| 355   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 30.2                 | 236                                | 4.7                                |
| 360   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 28.3                 | 227                                | 4.4                                |
| 365   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 26.2                 | 217                                | 4.0                                |
| 370   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 24.0                 | 206                                | 3.7                                |
| 375   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 21.6                 | 194                                | 3.3                                |
| 380   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 18.9                 | 181                                | 3.0                                |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>322 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 81  | 78.0                 | 429                       | 39.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 77.3                 | 428                       | 39.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 76.4                 | 427                       | 39.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 75.4                 | 425                       | 38.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 74.5                 | 424                       | 37.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 73.6                 | 422                       | 37.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 72.6                 | 421                       | 36.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 71.7                 | 419                       | 35.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 117   |                      |                           |                           | 73.0                 | 420                       | 35.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 70.7                 | 418                       | 34.9                      | 72.5                 | 420                       | 35.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 69.8                 | 416                       | 34.3                      | 71.6                 | 418                       | 35.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 68.8                 | 414                       | 33.8                      | 70.6                 | 416                       | 34.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 67.9                 | 412                       | 33.1                      | 69.7                 | 414                       | 33.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 66.9                 | 410                       | 32.5                      | 68.7                 | 412                       | 33.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 65.9                 | 407                       | 31.9                      | 67.7                 | 410                       | 32.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 64.9                 | 405                       | 31.3                      | 66.8                 | 408                       | 32.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 63.9                 | 403                       | 30.8                      | 65.8                 | 406                       | 31.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 62.9                 | 400                       | 30.4                      | 64.8                 | 404                       | 31.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 61.9                 | 397                       | 30.0                      | 63.8                 | 401                       | 30.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170   | 60.9                 | 395                       | 29.6                      | 62.8                 | 399                       | 30.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 174   |                      |                           |                           |                      |                           |                           | 65.0                 | 401                       | 29.7                      |                      |                           |                           |                      |                           |                           |
| 175   | 59.9                 | 392                       | 29.2                      | 61.8                 | 396                       | 29.6                      | 64.7                 | 400                       | 29.7                      |                      |                           |                           |                      |                           |                           |
| 180   | 58.8                 | 389                       | 28.7                      | 60.8                 | 393                       | 29.3                      | 63.7                 | 398                       | 29.7                      |                      |                           |                           |                      |                           |                           |
| 185   | 57.8                 | 386                       | 28.3                      | 59.7                 | 390                       | 28.8                      | 62.7                 | 395                       | 29.4                      |                      |                           |                           |                      |                           |                           |
| 190   | 56.7                 | 382                       | 27.9                      | 58.7                 | 387                       | 28.4                      | 61.7                 | 392                       | 29.0                      |                      |                           |                           |                      |                           |                           |
| 195   | 55.6                 | 379                       | 27.5                      | 57.6                 | 384                       | 28.0                      | 60.7                 | 390                       | 28.5                      |                      |                           |                           |                      |                           |                           |
| 200   | 54.5                 | 375                       | 27.1                      | 56.5                 | 381                       | 27.6                      | 59.6                 | 387                       | 28.1                      |                      |                           |                           |                      |                           |                           |
| 205   | 53.4                 | 372                       | 26.8                      | 55.5                 | 377                       | 27.3                      | 58.6                 | 384                       | 27.7                      |                      |                           |                           |                      |                           |                           |
| 210   | 52.3                 | 368                       | 26.5                      | 54.4                 | 374                       | 27.0                      | 57.5                 | 381                       | 27.4                      |                      |                           |                           |                      |                           |                           |
| 215   | 51.1                 | 364                       | 26.2                      | 53.2                 | 370                       | 26.6                      | 56.5                 | 377                       | 27.0                      |                      |                           |                           |                      |                           |                           |
| 220   | 50.0                 | 360                       | 26.0                      | 52.1                 | 366                       | 26.4                      | 55.4                 | 374                       | 26.7                      |                      |                           |                           |                      |                           |                           |
| 225   | 48.8                 | 355                       | 25.3                      | 51.0                 | 362                       | 26.1                      | 54.3                 | 370                       | 26.4                      |                      |                           |                           |                      |                           |                           |
| 230   | 47.6                 | 351                       | 24.3                      | 49.8                 | 358                       | 25.6                      | 53.2                 | 366                       | 26.1                      |                      |                           |                           |                      |                           |                           |
| 235   | 46.3                 | 346                       | 23.3                      | 48.6                 | 354                       | 24.8                      | 52.0                 | 363                       | 25.8                      |                      |                           |                           |                      |                           |                           |
| 239   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 366                       | 23.0                      |                      |                           |                           |
| 240   | 45.1                 | 341                       | 22.4                      | 47.4                 | 349                       | 23.9                      | 50.9                 | 359                       | 25.5                      | 54.8                 | 365                       | 22.9                      |                      |                           |                           |
| 245   | 43.8                 | 336                       | 21.5                      | 46.2                 | 344                       | 23.2                      | 49.7                 | 354                       | 25.3                      | 54.0                 | 363                       | 22.1                      |                      |                           |                           |
| 250   | 42.5                 | 330                       | 20.6                      | 44.9                 | 339                       | 22.4                      | 48.5                 | 350                       | 24.8                      | 52.9                 | 359                       | 21.3                      |                      |                           |                           |
| 255   | 41.1                 | 325                       | 19.8                      | 43.6                 | 334                       | 21.6                      | 47.3                 | 345                       | 23.9                      | 51.8                 | 355                       | 20.4                      |                      |                           |                           |
| 260   | 39.7                 | 319                       | 18.9                      | 42.3                 | 329                       | 20.9                      | 46.1                 | 341                       | 23.1                      | 50.6                 | 351                       | 19.7                      |                      |                           |                           |
| 265   | 38.3                 | 312                       | 18.2                      | 40.9                 | 323                       | 20.2                      | 44.8                 | 336                       | 22.3                      | 49.5                 | 347                       | 18.9                      |                      |                           |                           |
| 270   | 36.8                 | 306                       | 17.4                      | 39.5                 | 317                       | 19.6                      | 43.5                 | 330                       | 21.5                      | 48.3                 | 342                       | 18.2                      |                      |                           |                           |
| 275   | 35.3                 | 299                       | 16.8                      | 38.1                 | 310                       | 19.0                      | 42.2                 | 325                       | 20.8                      | 47.1                 | 338                       | 17.5                      |                      |                           |                           |
| 280   | 34.3                 | 294                       | 16.4                      | 36.6                 | 304                       | 18.4                      | 40.8                 | 319                       | 20.0                      | 45.8                 | 333                       | 16.8                      |                      |                           |                           |
| 285   | 32.7                 | 287                       | 15.7                      | 35.6                 | 300                       | 18.0                      | 39.4                 | 313                       | 19.3                      | 44.6                 | 328                       | 16.1                      |                      |                           |                           |
| 290   | 31.0                 | 278                       | 14.6                      | 34.1                 | 292                       | 17.5                      | 38.5                 | 309                       | 18.6                      | 43.3                 | 322                       | 15.5                      |                      |                           |                           |
| 295   | 29.2                 | 270                       | 13.6                      | 32.4                 | 284                       | 16.5                      | 37.0                 | 302                       | 18.0                      | 42.0                 | 317                       | 14.9                      |                      |                           |                           |
| 300   | 27.3                 | 260                       | 12.5                      | 30.7                 | 276                       | 15.5                      | 35.5                 | 296                       | 17.4                      | 40.6                 | 311                       | 14.3                      |                      |                           |                           |
| 305   | 25.2                 | 250                       | 11.4                      | 28.9                 | 267                       | 14.4                      | 33.9                 | 288                       | 16.8                      | 39.2                 | 305                       | 13.7                      |                      |                           |                           |
| 310   | 23.0                 | 239                       | 10.4                      | 27.0                 | 258                       | 13.4                      | 32.3                 | 281                       | 16.1                      | 37.8                 | 299                       | 13.1                      |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbony counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>322 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 315   | 20.6                 | 226                       | 9.3                       | 24.9                 | 247                       | 12.3                      | 30.6                 | 272                       | 15.6                      | 36.3                 | 292                       | 12.6                      |                      |                           |                           |
| 320   | 17.8                 | 211                       | 8.2                       | 22.7                 | 236                       | 11.3                      | 28.8                 | 263                       | 14.9                      | 34.7                 | 285                       | 12.1                      |                      |                           |                           |
| 325   |                      |                           |                           | 20.2                 | 223                       | 10.2                      | 26.8                 | 254                       | 14.0                      | 33.1                 | 278                       | 11.5                      |                      |                           |                           |
| 330   |                      |                           |                           | 17.4                 | 208                       | 9.1                       | 24.8                 | 243                       | 13.1                      | 31.4                 | 270                       | 11.0                      |                      |                           |                           |
| 335   |                      |                           |                           |                      |                           |                           | 22.5                 | 232                       | 12.3                      | 29.6                 | 261                       | 10.6                      |                      |                           |                           |
| 340   |                      |                           |                           |                      |                           |                           | 20.0                 | 219                       | 11.3                      | 27.8                 | 252                       | 10.1                      |                      |                           |                           |
| 345   |                      |                           |                           |                      |                           |                           | 17.2                 | 204                       | 10.4                      | 25.8                 | 242                       | 9.6                       |                      |                           |                           |
| 347   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 264                       | 4.6                       |
| 350   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.6                 | 231                       | 9.2                       | 34.7                 | 263                       | 4.5                       |
| 355   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 218                       | 8.7                       | 33.1                 | 255                       | 4.1                       |
| 360   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.6                 | 204                       | 8.3                       | 31.4                 | 247                       | 3.8                       |
| 365   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.6                 | 239                       | 3.4                       |
| 370   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.7                 | 229                       | 3.1                       |
| 375   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.7                 | 219                       | 2.8                       |
| 380   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.6                 | 208                       | 2.4                       |
| 385   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 196                       | 2.1                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>331 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 83  | 78.0                 | 438                       | 36.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 77.7                 | 438                       | 36.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 76.8                 | 437                       | 36.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 75.9                 | 436                       | 35.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 75.0                 | 434                       | 34.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 74.1                 | 433                       | 33.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 73.2                 | 431                       | 33.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 72.3                 | 430                       | 32.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 71.3                 | 428                       | 31.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   |                      |                           |                           | 73.0                 | 430                       | 31.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 70.4                 | 426                       | 31.2                      | 72.1                 | 428                       | 31.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 69.5                 | 424                       | 30.7                      | 71.2                 | 427                       | 31.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 68.6                 | 422                       | 30.3                      | 70.3                 | 425                       | 31.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 67.6                 | 420                       | 29.7                      | 69.4                 | 423                       | 30.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 66.7                 | 418                       | 29.1                      | 68.4                 | 421                       | 29.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 65.7                 | 416                       | 28.6                      | 67.5                 | 419                       | 29.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 64.8                 | 414                       | 28.1                      | 66.5                 | 417                       | 28.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 63.8                 | 411                       | 27.7                      | 65.6                 | 415                       | 28.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 62.8                 | 408                       | 27.3                      | 64.6                 | 412                       | 27.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170   | 61.8                 | 406                       | 26.9                      | 63.7                 | 410                       | 27.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175   | 60.9                 | 403                       | 26.6                      | 62.7                 | 407                       | 27.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 178   |                      |                           |                           |                      |                           |                           | 65.0                 | 410                       | 26.7                      |                      |                           |                           |                      |                           |                           |
| 180   | 59.8                 | 400                       | 26.2                      | 61.7                 | 404                       | 26.6                      | 64.6                 | 409                       | 26.7                      |                      |                           |                           |                      |                           |                           |
| 185   | 58.8                 | 397                       | 25.8                      | 60.7                 | 402                       | 26.3                      | 63.6                 | 406                       | 26.7                      |                      |                           |                           |                      |                           |                           |
| 190   | 57.8                 | 394                       | 25.4                      | 59.7                 | 399                       | 25.9                      | 62.6                 | 404                       | 26.4                      |                      |                           |                           |                      |                           |                           |
| 195   | 56.8                 | 391                       | 25.0                      | 58.7                 | 396                       | 25.5                      | 61.6                 | 401                       | 26.1                      |                      |                           |                           |                      |                           |                           |
| 200   | 55.7                 | 387                       | 24.7                      | 57.7                 | 393                       | 25.2                      | 60.6                 | 398                       | 25.6                      |                      |                           |                           |                      |                           |                           |
| 205   | 54.7                 | 384                       | 24.4                      | 56.6                 | 389                       | 24.9                      | 59.6                 | 395                       | 25.3                      |                      |                           |                           |                      |                           |                           |
| 210   | 53.6                 | 380                       | 24.1                      | 55.6                 | 386                       | 24.5                      | 58.6                 | 392                       | 25.0                      |                      |                           |                           |                      |                           |                           |
| 215   | 52.5                 | 376                       | 23.8                      | 54.5                 | 382                       | 24.2                      | 57.6                 | 389                       | 24.7                      |                      |                           |                           |                      |                           |                           |
| 220   | 51.4                 | 372                       | 23.5                      | 53.4                 | 379                       | 24.0                      | 56.6                 | 386                       | 24.3                      |                      |                           |                           |                      |                           |                           |
| 225   | 50.3                 | 368                       | 23.3                      | 52.3                 | 375                       | 23.7                      | 55.5                 | 382                       | 24.0                      |                      |                           |                           |                      |                           |                           |
| 230   | 49.1                 | 364                       | 22.9                      | 51.2                 | 371                       | 23.5                      | 54.4                 | 379                       | 23.7                      |                      |                           |                           |                      |                           |                           |
| 235   | 48.0                 | 359                       | 22.0                      | 50.1                 | 367                       | 23.2                      | 53.4                 | 375                       | 23.4                      |                      |                           |                           |                      |                           |                           |
| 240   | 46.8                 | 355                       | 21.1                      | 49.0                 | 362                       | 22.4                      | 52.3                 | 371                       | 23.2                      |                      |                           |                           |                      |                           |                           |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 374                       | 21.3                      |                      |                           |                           |
| 245   | 45.6                 | 350                       | 20.3                      | 47.8                 | 358                       | 21.7                      | 51.1                 | 367                       | 22.9                      | 54.9                 | 374                       | 21.2                      |                      |                           |                           |
| 250   | 44.3                 | 345                       | 19.5                      | 46.6                 | 353                       | 21.0                      | 50.0                 | 363                       | 22.7                      | 54.2                 | 371                       | 20.5                      |                      |                           |                           |
| 255   | 43.1                 | 340                       | 18.7                      | 45.4                 | 348                       | 20.3                      | 48.9                 | 359                       | 22.4                      | 53.1                 | 367                       | 19.7                      |                      |                           |                           |
| 260   | 41.8                 | 334                       | 18.0                      | 44.1                 | 343                       | 19.7                      | 47.7                 | 354                       | 21.7                      | 52.0                 | 364                       | 18.9                      |                      |                           |                           |
| 265   | 40.4                 | 328                       | 17.2                      | 42.9                 | 338                       | 19.0                      | 46.5                 | 350                       | 21.0                      | 50.9                 | 360                       | 18.2                      |                      |                           |                           |
| 270   | 39.1                 | 322                       | 16.5                      | 41.6                 | 332                       | 18.4                      | 45.3                 | 344                       | 20.3                      | 49.8                 | 355                       | 17.4                      |                      |                           |                           |
| 275   | 37.7                 | 316                       | 15.9                      | 40.2                 | 326                       | 17.9                      | 44.1                 | 339                       | 19.7                      | 48.6                 | 351                       | 16.7                      |                      |                           |                           |
| 280   | 36.2                 | 309                       | 15.2                      | 38.9                 | 320                       | 17.3                      | 42.8                 | 334                       | 19.0                      | 47.5                 | 346                       | 16.1                      |                      |                           |                           |
| 285   | 35.2                 | 304                       | 14.8                      | 37.5                 | 314                       | 16.8                      | 41.5                 | 328                       | 18.4                      | 46.3                 | 342                       | 15.4                      |                      |                           |                           |
| 290   | 33.7                 | 297                       | 14.6                      | 36.5                 | 309                       | 16.3                      | 40.1                 | 322                       | 17.9                      | 45.1                 | 337                       | 14.8                      |                      |                           |                           |
| 295   | 32.1                 | 289                       | 13.6                      | 35.0                 | 302                       | 16.2                      | 38.8                 | 316                       | 17.3                      | 43.8                 | 332                       | 14.2                      |                      |                           |                           |
| 300   | 30.4                 | 281                       | 12.6                      | 33.5                 | 295                       | 15.4                      | 37.9                 | 312                       | 16.7                      | 42.6                 | 326                       | 13.6                      |                      |                           |                           |
| 305   | 28.7                 | 272                       | 11.6                      | 31.9                 | 287                       | 14.4                      | 36.4                 | 306                       | 16.1                      | 41.2                 | 320                       | 13.0                      |                      |                           |                           |
| 310   | 26.8                 | 262                       | 10.6                      | 30.2                 | 279                       | 13.5                      | 34.9                 | 298                       | 15.5                      | 39.9                 | 315                       | 12.4                      |                      |                           |                           |
| 315   | 24.8                 | 252                       | 9.6                       | 28.4                 | 270                       | 12.5                      | 33.4                 | 291                       | 14.9                      | 38.5                 | 308                       | 11.9                      |                      |                           |                           |
| 320   | 22.6                 | 240                       | 8.6                       | 26.5                 | 260                       | 11.5                      | 31.8                 | 283                       | 14.3                      | 37.1                 | 302                       | 11.4                      |                      |                           |                           |
| 325   | 20.2                 | 227                       | 7.6                       | 24.5                 | 249                       | 10.5                      | 30.1                 | 275                       | 13.8                      | 35.6                 | 295                       | 10.9                      |                      |                           |                           |
| 330   | 17.5                 | 212                       | 6.5                       | 22.3                 | 238                       | 9.5                       | 28.3                 | 266                       | 13.0                      | 34.1                 | 288                       | 10.4                      |                      |                           |                           |
| 335   |                      |                           |                           | 19.8                 | 224                       | 8.5                       | 26.4                 | 256                       | 12.2                      | 32.5                 | 280                       | 9.9                       |                      |                           |                           |
| 340   |                      |                           |                           | 17.0                 | 209                       | 7.4                       | 24.3                 | 245                       | 11.4                      | 30.9                 | 272                       | 9.4                       |                      |                           |                           |
| 345   |                      |                           |                           |                      |                           |                           | 22.1                 | 233                       | 10.5                      | 29.1                 | 263                       | 9.0                       |                      |                           |                           |
| 350   |                      |                           |                           |                      |                           |                           | 19.6                 | 220                       | 9.6                       | 27.3                 | 254                       | 8.5                       |                      |                           |                           |
| 355   |                      |                           |                           |                      |                           |                           | 16.8                 | 204                       | 8.8                       | 25.3                 | 244                       | 8.1                       |                      |                           |                           |
| 355   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 270                       | 3.3                       |
| 360   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.2                 | 232                       | 7.6                       | 34.1                 | 266                       | 3.0                       |
| 365   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 220                       | 7.2                       | 32.5                 | 258                       | 2.7                       |
| 370   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.2                 | 205                       | 6.8                       | 30.9                 | 250                       | 2.4                       |
| 375   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.1                 | 241                       | 2.0                       |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>341 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 78.0                 | 448                       | 33.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 77.2                 | 447                       | 33.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 76.3                 | 446                       | 32.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 75.4                 | 444                       | 31.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 74.6                 | 443                       | 31.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 73.7                 | 442                       | 30.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 72.8                 | 440                       | 29.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 71.9                 | 438                       | 29.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 123   |                      |                           |                           | 73.0                 | 439                       | 29.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 71.0                 | 437                       | 28.6                      | 72.7                 | 439                       | 29.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 70.1                 | 435                       | 28.1                      | 71.8                 | 437                       | 29.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 69.2                 | 433                       | 27.7                      | 70.9                 | 435                       | 28.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 68.3                 | 431                       | 27.3                      | 70.0                 | 434                       | 28.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 67.4                 | 429                       | 26.8                      | 69.1                 | 432                       | 27.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 66.5                 | 427                       | 26.3                      | 68.2                 | 430                       | 27.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 65.6                 | 424                       | 25.8                      | 67.3                 | 428                       | 26.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 64.6                 | 422                       | 25.4                      | 66.3                 | 425                       | 26.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 63.7                 | 420                       | 25.0                      | 65.4                 | 423                       | 25.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170   | 62.7                 | 417                       | 24.7                      | 64.5                 | 421                       | 25.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175   | 61.8                 | 414                       | 24.4                      | 63.5                 | 418                       | 24.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 180   | 60.8                 | 412                       | 24.1                      | 62.6                 | 416                       | 24.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 182   |                      |                           |                           |                      |                           |                           | 65.0                 | 419                       | 24.2                      |                      |                           |                           |                      |                           |                           |
| 185   | 59.8                 | 409                       | 23.7                      | 61.6                 | 413                       | 24.2                      | 64.4                 | 417                       | 24.2                      |                      |                           |                           |                      |                           |                           |
| 190   | 58.9                 | 406                       | 23.4                      | 60.7                 | 410                       | 23.9                      | 63.5                 | 415                       | 24.1                      |                      |                           |                           |                      |                           |                           |
| 195   | 57.9                 | 402                       | 23.0                      | 59.7                 | 407                       | 23.5                      | 62.5                 | 412                       | 23.9                      |                      |                           |                           |                      |                           |                           |
| 200   | 56.9                 | 399                       | 22.7                      | 58.7                 | 404                       | 23.2                      | 61.6                 | 410                       | 23.6                      |                      |                           |                           |                      |                           |                           |
| 205   | 55.8                 | 396                       | 22.4                      | 57.7                 | 401                       | 22.9                      | 60.6                 | 407                       | 23.2                      |                      |                           |                           |                      |                           |                           |
| 210   | 54.8                 | 392                       | 22.1                      | 56.7                 | 398                       | 22.6                      | 59.6                 | 404                       | 22.9                      |                      |                           |                           |                      |                           |                           |
| 215   | 53.8                 | 389                       | 21.8                      | 55.7                 | 394                       | 22.3                      | 58.6                 | 401                       | 22.7                      |                      |                           |                           |                      |                           |                           |
| 220   | 52.7                 | 385                       | 21.5                      | 54.7                 | 391                       | 22.0                      | 57.6                 | 398                       | 22.4                      |                      |                           |                           |                      |                           |                           |
| 225   | 51.6                 | 381                       | 21.3                      | 53.6                 | 387                       | 21.7                      | 56.6                 | 394                       | 22.1                      |                      |                           |                           |                      |                           |                           |
| 230   | 50.5                 | 377                       | 21.1                      | 52.6                 | 383                       | 21.5                      | 55.6                 | 391                       | 21.8                      |                      |                           |                           |                      |                           |                           |
| 235   | 49.4                 | 373                       | 20.9                      | 51.5                 | 379                       | 21.3                      | 54.6                 | 387                       | 21.5                      |                      |                           |                           |                      |                           |                           |
| 240   | 48.3                 | 368                       | 20.1                      | 50.4                 | 375                       | 21.1                      | 53.5                 | 384                       | 21.2                      |                      |                           |                           |                      |                           |                           |
| 245   | 47.2                 | 364                       | 19.3                      | 49.3                 | 371                       | 20.5                      | 52.5                 | 380                       | 21.0                      |                      |                           |                           |                      |                           |                           |
| 250   | 46.0                 | 359                       | 18.6                      | 48.2                 | 367                       | 19.9                      | 51.4                 | 376                       | 20.8                      |                      |                           |                           |                      |                           |                           |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 382                       | 19.9                      |                      |                           |                           |
| 255   | 44.8                 | 354                       | 17.9                      | 47.0                 | 362                       | 19.3                      | 50.3                 | 372                       | 20.6                      | 54.4                 | 380                       | 19.3                      |                      |                           |                           |
| 260   | 43.6                 | 348                       | 17.2                      | 45.8                 | 357                       | 18.7                      | 49.2                 | 367                       | 20.4                      | 53.3                 | 376                       | 18.5                      |                      |                           |                           |
| 265   | 42.4                 | 343                       | 16.5                      | 44.6                 | 352                       | 18.1                      | 48.1                 | 363                       | 19.8                      | 52.2                 | 372                       | 17.7                      |                      |                           |                           |
| 270   | 41.1                 | 337                       | 15.8                      | 43.4                 | 347                       | 17.5                      | 46.9                 | 358                       | 19.2                      | 51.2                 | 368                       | 17.0                      |                      |                           |                           |
| 275   | 39.8                 | 331                       | 15.2                      | 42.2                 | 341                       | 17.0                      | 45.8                 | 354                       | 18.6                      | 50.1                 | 364                       | 16.3                      |                      |                           |                           |
| 280   | 38.4                 | 325                       | 14.6                      | 40.9                 | 336                       | 16.5                      | 44.6                 | 348                       | 18.1                      | 49.0                 | 360                       | 15.6                      |                      |                           |                           |
| 285   | 37.0                 | 319                       | 14.1                      | 39.6                 | 330                       | 16.0                      | 43.7                 | 345                       | 17.5                      | 47.8                 | 355                       | 15.0                      |                      |                           |                           |
| 290   | 36.1                 | 314                       | 13.5                      | 38.2                 | 323                       | 15.5                      | 42.5                 | 340                       | 17.0                      | 46.7                 | 350                       | 14.3                      |                      |                           |                           |
| 295   | 34.7                 | 307                       | 13.3                      | 36.8                 | 317                       | 15.1                      | 41.2                 | 334                       | 16.6                      | 45.5                 | 346                       | 13.7                      |                      |                           |                           |
| 300   | 33.2                 | 300                       | 12.9                      | 35.9                 | 312                       | 14.8                      | 40.0                 | 328                       | 16.1                      | 44.3                 | 341                       | 13.1                      |                      |                           |                           |
| 305   | 31.6                 | 292                       | 11.9                      | 34.5                 | 305                       | 14.6                      | 38.6                 | 322                       | 15.7                      | 43.1                 | 335                       | 12.5                      |                      |                           |                           |
| 310   | 29.9                 | 283                       | 11.0                      | 32.9                 | 298                       | 13.7                      | 37.2                 | 315                       | 15.1                      | 41.9                 | 330                       | 12.0                      |                      |                           |                           |
| 315   | 28.2                 | 274                       | 10.1                      | 31.3                 | 290                       | 12.8                      | 35.8                 | 308                       | 14.5                      | 40.6                 | 324                       | 11.5                      |                      |                           |                           |
| 320   | 26.3                 | 264                       | 9.1                       | 29.7                 | 281                       | 11.9                      | 34.3                 | 301                       | 13.9                      | 39.3                 | 318                       | 10.9                      |                      |                           |                           |
| 325   | 24.3                 | 254                       | 8.2                       | 27.9                 | 272                       | 10.9                      | 32.8                 | 294                       | 13.4                      | 37.9                 | 312                       | 10.4                      |                      |                           |                           |
| 330   | 22.2                 | 242                       | 7.2                       | 26.0                 | 262                       | 10.0                      | 31.2                 | 286                       | 12.8                      | 36.5                 | 305                       | 9.9                       |                      |                           |                           |
| 335   | 19.8                 | 228                       | 6.3                       | 24.0                 | 251                       | 9.0                       | 29.5                 | 277                       | 12.2                      | 35.1                 | 298                       | 9.4                       |                      |                           |                           |
| 340   | 17.1                 | 213                       | 5.3                       | 21.9                 | 239                       | 8.1                       | 27.8                 | 268                       | 11.5                      | 33.6                 | 290                       | 9.0                       |                      |                           |                           |
| 345   |                      |                           |                           | 19.4                 | 226                       | 7.1                       | 25.9                 | 258                       | 10.7                      | 32.0                 | 283                       | 8.5                       |                      |                           |                           |
| 350   |                      |                           |                           | 16.7                 | 210                       | 6.2                       | 23.9                 | 247                       | 9.9                       | 30.4                 | 274                       | 8.1                       |                      |                           |                           |
| 355   |                      |                           |                           |                      |                           |                           | 21.7                 | 235                       | 9.1                       | 28.6                 | 265                       | 7.7                       |                      |                           |                           |
| 360   |                      |                           |                           |                      |                           |                           | 19.3                 | 221                       | 8.3                       | 26.8                 | 256                       | 7.2                       |                      |                           |                           |
| 363   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 275                       | 2.3                       |
| 365   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.9                 | 245                       | 6.8                       | 34.5                 | 273                       | 2.1                       |
| 370   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.8                 | 234                       | 6.4                       |                      |                           |                           |
| 375   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.5                 | 221                       | 6.0                       |                      |                           |                           |
| 380   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.9                 | 206                       | 5.6                       |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>351 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 87  | 78.0                 | 458                       | 29.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 77.5                 | 457                       | 29.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 76.7                 | 456                       | 29.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 75.8                 | 454                       | 28.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 75.0                 | 453                       | 28.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 74.1                 | 452                       | 27.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 73.3                 | 450                       | 27.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 72.4                 | 449                       | 26.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 71.6                 | 447                       | 25.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 126   |                      |                           |                           | 73.0                 | 449                       | 25.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 70.7                 | 445                       | 25.3                      | 72.3                 | 448                       | 25.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 69.8                 | 443                       | 24.8                      | 71.4                 | 446                       | 25.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 68.9                 | 442                       | 24.5                      | 70.6                 | 444                       | 25.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 68.1                 | 440                       | 24.0                      | 69.7                 | 442                       | 24.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 67.2                 | 437                       | 23.5                      | 68.8                 | 440                       | 24.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 66.3                 | 435                       | 23.1                      | 67.9                 | 438                       | 23.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 65.4                 | 433                       | 22.7                      | 67.1                 | 436                       | 23.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 64.5                 | 431                       | 22.3                      | 66.2                 | 434                       | 23.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170   | 63.6                 | 428                       | 22.0                      | 65.3                 | 432                       | 22.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175   | 62.6                 | 426                       | 21.7                      | 64.4                 | 429                       | 22.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 180   | 61.7                 | 423                       | 21.4                      | 63.4                 | 427                       | 21.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 185   | 60.8                 | 420                       | 21.1                      | 62.5                 | 424                       | 21.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 186   |                      |                           |                           |                      |                           |                           | 65.0                 | 428                       | 21.3                      |                      |                           |                           |                      |                           |                           |
| 190   | 59.8                 | 417                       | 20.8                      | 61.6                 | 422                       | 21.2                      | 64.3                 | 426                       | 21.3                      |                      |                           |                           |                      |                           |                           |
| 195   | 58.9                 | 414                       | 20.4                      | 60.6                 | 419                       | 20.9                      | 63.4                 | 423                       | 21.3                      |                      |                           |                           |                      |                           |                           |
| 200   | 57.9                 | 411                       | 20.1                      | 59.7                 | 416                       | 20.6                      | 62.4                 | 421                       | 21.0                      |                      |                           |                           |                      |                           |                           |
| 205   | 56.9                 | 408                       | 19.8                      | 58.7                 | 413                       | 20.3                      | 61.5                 | 418                       | 20.7                      |                      |                           |                           |                      |                           |                           |
| 210   | 55.9                 | 404                       | 19.6                      | 57.8                 | 410                       | 20.0                      | 60.6                 | 415                       | 20.4                      |                      |                           |                           |                      |                           |                           |
| 215   | 54.9                 | 401                       | 19.3                      | 56.8                 | 406                       | 19.7                      | 59.6                 | 412                       | 20.1                      |                      |                           |                           |                      |                           |                           |
| 220   | 53.9                 | 397                       | 19.1                      | 55.8                 | 403                       | 19.5                      | 58.7                 | 409                       | 19.8                      |                      |                           |                           |                      |                           |                           |
| 225   | 52.9                 | 394                       | 18.8                      | 54.8                 | 399                       | 19.2                      | 57.7                 | 406                       | 19.6                      |                      |                           |                           |                      |                           |                           |
| 230   | 51.9                 | 390                       | 18.6                      | 53.8                 | 396                       | 19.0                      | 56.7                 | 403                       | 19.3                      |                      |                           |                           |                      |                           |                           |
| 235   | 50.8                 | 386                       | 18.4                      | 52.8                 | 392                       | 18.8                      | 55.7                 | 399                       | 19.1                      |                      |                           |                           |                      |                           |                           |
| 240   | 49.7                 | 381                       | 18.2                      | 51.7                 | 388                       | 18.6                      | 54.7                 | 396                       | 18.8                      |                      |                           |                           |                      |                           |                           |
| 245   | 48.7                 | 377                       | 17.6                      | 50.7                 | 384                       | 18.4                      | 53.7                 | 392                       | 18.6                      |                      |                           |                           |                      |                           |                           |
| 250   | 47.6                 | 372                       | 17.0                      | 49.6                 | 380                       | 17.9                      | 52.7                 | 388                       | 18.4                      |                      |                           |                           |                      |                           |                           |
| 255   | 46.4                 | 368                       | 16.4                      | 48.5                 | 375                       | 17.4                      | 51.6                 | 384                       | 18.2                      |                      |                           |                           |                      |                           |                           |
| 256   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 390                       | 17.6                      |                      |                           |                           |
| 260   | 45.3                 | 363                       | 15.8                      | 47.4                 | 371                       | 16.9                      | 50.6                 | 380                       | 18.0                      | 54.2                 | 387                       | 17.6                      |                      |                           |                           |
| 265   | 44.1                 | 358                       | 15.2                      | 46.3                 | 366                       | 16.4                      | 49.5                 | 376                       | 17.8                      | 53.5                 | 384                       | 17.0                      |                      |                           |                           |
| 270   | 42.9                 | 352                       | 14.6                      | 45.1                 | 361                       | 15.9                      | 48.4                 | 372                       | 17.4                      | 52.5                 | 381                       | 16.3                      |                      |                           |                           |
| 275   | 41.7                 | 347                       | 14.0                      | 43.9                 | 356                       | 15.5                      | 47.3                 | 367                       | 16.9                      | 51.4                 | 377                       | 15.6                      |                      |                           |                           |
| 280   | 40.4                 | 341                       | 13.5                      | 42.7                 | 350                       | 15.0                      | 46.2                 | 362                       | 16.4                      | 50.4                 | 373                       | 14.9                      |                      |                           |                           |
| 285   | 39.1                 | 335                       | 13.0                      | 41.5                 | 345                       | 14.6                      | 45.0                 | 357                       | 16.0                      | 49.3                 | 368                       | 14.2                      |                      |                           |                           |
| 290   | 37.8                 | 328                       | 12.5                      | 40.3                 | 339                       | 14.2                      | 43.8                 | 352                       | 15.5                      | 48.2                 | 364                       | 13.6                      |                      |                           |                           |
| 295   | 36.4                 | 322                       | 12.1                      | 39.0                 | 333                       | 13.8                      | 42.6                 | 347                       | 15.1                      | 47.1                 | 359                       | 13.0                      |                      |                           |                           |
| 300   | 35.6                 | 317                       | 11.6                      | 37.6                 | 326                       | 13.4                      | 41.4                 | 341                       | 14.7                      | 46.0                 | 354                       | 12.4                      |                      |                           |                           |
| 305   | 34.1                 | 310                       | 11.4                      | 36.3                 | 320                       | 13.1                      | 40.6                 | 337                       | 14.3                      | 44.8                 | 350                       | 11.8                      |                      |                           |                           |
| 310   | 32.6                 | 302                       | 10.7                      | 35.4                 | 315                       | 12.8                      | 39.3                 | 331                       | 13.9                      | 43.6                 | 344                       | 11.3                      |                      |                           |                           |
| 315   | 31.1                 | 294                       | 9.8                       | 33.9                 | 308                       | 12.3                      | 38.0                 | 325                       | 13.6                      | 42.4                 | 339                       | 10.8                      |                      |                           |                           |
| 320   | 29.4                 | 286                       | 9.0                       | 32.4                 | 300                       | 11.4                      | 36.6                 | 318                       | 13.3                      | 41.2                 | 333                       | 10.2                      |                      |                           |                           |
| 325   | 27.7                 | 276                       | 8.1                       | 30.8                 | 292                       | 10.6                      | 35.2                 | 311                       | 12.7                      | 39.9                 | 327                       | 9.7                       |                      |                           |                           |
| 330   | 25.9                 | 266                       | 7.2                       | 29.2                 | 283                       | 9.7                       | 33.8                 | 304                       | 12.2                      | 38.6                 | 321                       | 9.2                       |                      |                           |                           |
| 335   | 23.9                 | 255                       | 6.3                       | 27.5                 | 274                       | 8.9                       | 32.3                 | 296                       | 11.7                      | 37.3                 | 315                       | 8.8                       |                      |                           |                           |
| 340   | 21.8                 | 243                       | 5.5                       | 25.6                 | 264                       | 8.0                       | 30.7                 | 288                       | 11.0                      | 35.9                 | 308                       | 8.3                       |                      |                           |                           |
| 345   | 19.4                 | 230                       | 4.6                       | 23.6                 | 253                       | 7.2                       | 29.1                 | 279                       | 10.3                      | 34.5                 | 301                       | 7.9                       |                      |                           |                           |
| 350   | 16.8                 | 214                       | 3.7                       | 21.5                 | 240                       | 6.3                       | 27.3                 | 270                       | 9.5                       | 33.0                 | 293                       | 7.4                       |                      |                           |                           |
| 355   |                      |                           |                           | 19.1                 | 227                       | 5.4                       | 25.5                 | 260                       | 8.8                       | 31.5                 | 285                       | 7.0                       |                      |                           |                           |
| 360   |                      |                           |                           | 16.4                 | 211                       | 4.5                       | 23.5                 | 248                       | 8.1                       | 29.9                 | 277                       | 6.6                       |                      |                           |                           |
| 365   |                      |                           |                           |                      |                           |                           | 21.3                 | 236                       | 7.3                       | 28.2                 | 268                       | 6.2                       |                      |                           |                           |
| 370   |                      |                           |                           |                      |                           |                           | 18.9                 | 222                       | 6.6                       | 26.4                 | 258                       | 5.8                       |                      |                           |                           |
| 375   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.4                 | 247                       | 5.4                       |                      |                           |                           |
| 380   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.4                 | 235                       | 5.0                       |                      |                           |                           |
| 385   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.1                 | 222                       | 4.6                       |                      |                           |                           |
| 390   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.5                 | 207                       | 4.2                       |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>361 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 89  | 78.0                 | 467                       | 27.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 77.9                 | 467                       | 27.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 77.1                 | 466                       | 27.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 76.2                 | 465                       | 26.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 75.4                 | 463                       | 25.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 74.6                 | 462                       | 25.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 73.8                 | 460                       | 24.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 72.9                 | 459                       | 24.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 72.1                 | 457                       | 23.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 129   |                      |                           |                           | 73.0                 | 458                       | 23.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 71.2                 | 456                       | 22.9                      | 72.8                 | 458                       | 23.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 70.4                 | 454                       | 22.5                      | 72.0                 | 456                       | 23.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 69.6                 | 452                       | 22.1                      | 71.1                 | 454                       | 22.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 68.7                 | 450                       | 21.8                      | 70.3                 | 453                       | 22.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 67.8                 | 448                       | 21.3                      | 69.4                 | 451                       | 21.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 67.0                 | 446                       | 20.9                      | 68.6                 | 449                       | 21.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 66.1                 | 444                       | 20.5                      | 67.7                 | 447                       | 21.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 65.2                 | 442                       | 20.1                      | 66.9                 | 445                       | 20.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170   | 64.3                 | 439                       | 19.7                      | 66.0                 | 442                       | 20.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175   | 63.5                 | 437                       | 19.4                      | 65.1                 | 440                       | 19.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 180   | 62.6                 | 434                       | 19.1                      | 64.2                 | 438                       | 19.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 185   | 61.7                 | 431                       | 18.9                      | 63.3                 | 435                       | 19.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 190   | 60.7                 | 428                       | 18.6                      | 62.4                 | 433                       | 19.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           | 65.0                 | 437                       | 19.0                      |                      |                           |                           |                      |                           |                           |
| 195   | 59.8                 | 426                       | 18.3                      | 61.5                 | 430                       | 18.7                      | 64.2                 | 434                       | 19.0                      |                      |                           |                           |                      |                           |                           |
| 200   | 58.9                 | 423                       | 18.0                      | 60.6                 | 427                       | 18.5                      | 63.3                 | 432                       | 18.9                      |                      |                           |                           |                      |                           |                           |
| 205   | 57.9                 | 420                       | 17.8                      | 59.7                 | 424                       | 18.2                      | 62.4                 | 429                       | 18.6                      |                      |                           |                           |                      |                           |                           |
| 210   | 57.0                 | 416                       | 17.5                      | 58.8                 | 421                       | 17.9                      | 61.5                 | 426                       | 18.3                      |                      |                           |                           |                      |                           |                           |
| 215   | 56.0                 | 413                       | 17.2                      | 57.8                 | 418                       | 17.6                      | 60.5                 | 424                       | 18.0                      |                      |                           |                           |                      |                           |                           |
| 220   | 55.1                 | 409                       | 17.0                      | 56.9                 | 415                       | 17.4                      | 59.6                 | 421                       | 17.7                      |                      |                           |                           |                      |                           |                           |
| 225   | 54.1                 | 406                       | 16.8                      | 55.9                 | 411                       | 17.1                      | 58.7                 | 418                       | 17.5                      |                      |                           |                           |                      |                           |                           |
| 230   | 53.1                 | 402                       | 16.6                      | 54.9                 | 408                       | 16.9                      | 57.7                 | 414                       | 17.3                      |                      |                           |                           |                      |                           |                           |
| 235   | 52.1                 | 398                       | 16.4                      | 54.0                 | 404                       | 16.7                      | 56.8                 | 411                       | 17.0                      |                      |                           |                           |                      |                           |                           |
| 240   | 51.1                 | 394                       | 16.2                      | 53.0                 | 400                       | 16.5                      | 55.8                 | 408                       | 16.8                      |                      |                           |                           |                      |                           |                           |
| 245   | 50.0                 | 390                       | 16.0                      | 51.9                 | 397                       | 16.3                      | 54.9                 | 404                       | 16.6                      |                      |                           |                           |                      |                           |                           |
| 250   | 49.0                 | 386                       | 15.6                      | 50.9                 | 393                       | 16.2                      | 53.9                 | 401                       | 16.3                      |                      |                           |                           |                      |                           |                           |
| 255   | 47.9                 | 381                       | 15.1                      | 49.9                 | 388                       | 15.8                      | 52.9                 | 397                       | 16.2                      |                      |                           |                           |                      |                           |                           |
| 260   | 46.8                 | 376                       | 14.5                      | 48.8                 | 384                       | 15.4                      | 51.9                 | 393                       | 16.0                      |                      |                           |                           |                      |                           |                           |
| 262   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 398                       | 15.5                      |                      |                           |                           |
| 265   | 45.7                 | 372                       | 14.0                      | 47.8                 | 380                       | 15.0                      | 50.8                 | 389                       | 15.8                      | 54.4                 | 396                       | 15.5                      |                      |                           |                           |
| 270   | 44.6                 | 367                       | 13.5                      | 46.7                 | 375                       | 14.6                      | 49.8                 | 385                       | 15.7                      | 53.4                 | 392                       | 15.5                      |                      |                           |                           |
| 275   | 43.4                 | 361                       | 13.1                      | 45.6                 | 370                       | 14.2                      | 48.7                 | 380                       | 15.4                      | 52.7                 | 389                       | 15.0                      |                      |                           |                           |
| 280   | 42.2                 | 356                       | 12.6                      | 44.4                 | 365                       | 13.8                      | 47.7                 | 376                       | 15.0                      | 51.7                 | 385                       | 14.3                      |                      |                           |                           |
| 285   | 41.0                 | 350                       | 12.1                      | 43.3                 | 360                       | 13.4                      | 46.6                 | 371                       | 14.6                      | 50.6                 | 381                       | 13.7                      |                      |                           |                           |
| 290   | 39.8                 | 344                       | 11.7                      | 42.1                 | 354                       | 13.1                      | 45.5                 | 366                       | 14.2                      | 49.6                 | 377                       | 13.0                      |                      |                           |                           |
| 295   | 38.5                 | 338                       | 11.3                      | 40.9                 | 348                       | 12.7                      | 44.3                 | 361                       | 13.8                      | 48.5                 | 373                       | 12.4                      |                      |                           |                           |
| 300   | 37.2                 | 331                       | 10.9                      | 39.6                 | 342                       | 12.4                      | 43.2                 | 356                       | 13.5                      | 47.5                 | 368                       | 11.8                      |                      |                           |                           |
| 305   | 35.9                 | 325                       | 10.5                      | 38.4                 | 336                       | 12.1                      | 42.0                 | 350                       | 13.1                      | 46.4                 | 363                       | 11.3                      |                      |                           |                           |
| 310   | 34.5                 | 317                       | 10.2                      | 37.0                 | 330                       | 11.8                      | 40.8                 | 345                       | 12.8                      | 45.3                 | 358                       | 10.7                      |                      |                           |                           |
| 315   | 33.6                 | 313                       | 9.8                       | 35.7                 | 323                       | 11.5                      | 39.5                 | 339                       | 12.5                      | 44.1                 | 353                       | 10.2                      |                      |                           |                           |
| 320   | 32.1                 | 305                       | 9.0                       | 34.8                 | 318                       | 11.1                      | 38.3                 | 332                       | 12.2                      | 43.0                 | 348                       | 9.7                       |                      |                           |                           |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>361 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 325   | 30.6                 | 297                       | 8.1                       | 33.4                 | 311                       | 10.3                      | 37.4                 | 328                       | 11.9                      | 41.8                 | 342                       | 9.2                       |                      |                           |                           |
| 330   | 29.0                 | 288                       | 7.3                       | 31.9                 | 303                       | 9.6                       | 36.1                 | 321                       | 11.6                      | 40.6                 | 337                       | 8.7                       |                      |                           |                           |
| 335   | 27.3                 | 278                       | 6.5                       | 30.4                 | 294                       | 8.8                       | 34.7                 | 314                       | 11.1                      | 39.3                 | 331                       | 8.2                       |                      |                           |                           |
| 340   | 25.4                 | 268                       | 5.7                       | 28.7                 | 285                       | 8.0                       | 33.3                 | 307                       | 10.6                      | 38.0                 | 324                       | 7.7                       |                      |                           |                           |
| 345   | 23.5                 | 257                       | 4.9                       | 27.0                 | 276                       | 7.2                       | 31.8                 | 299                       | 10.0                      | 36.7                 | 318                       | 7.3                       |                      |                           |                           |
| 350   | 21.4                 | 245                       | 4.1                       | 25.2                 | 266                       | 6.4                       | 30.2                 | 290                       | 9.3                       | 35.4                 | 311                       | 6.9                       |                      |                           |                           |
| 355   | 19.1                 | 231                       | 3.2                       | 23.2                 | 254                       | 5.7                       | 28.6                 | 282                       | 8.6                       | 34.0                 | 304                       | 6.4                       |                      |                           |                           |
| 360   | 16.4                 | 215                       | 2.4                       | 21.1                 | 242                       | 4.9                       | 26.9                 | 272                       | 8.0                       | 32.5                 | 296                       | 6.0                       |                      |                           |                           |
| 365   |                      |                           |                           | 18.7                 | 228                       | 4.1                       | 25.0                 | 261                       | 7.3                       | 31.0                 | 288                       | 5.6                       |                      |                           |                           |
| 370   |                      |                           |                           | 16.0                 | 212                       | 3.2                       | 23.1                 | 250                       | 6.6                       | 29.4                 | 279                       | 5.2                       |                      |                           |                           |
| 375   |                      |                           |                           |                      |                           |                           | 20.9                 | 238                       | 5.9                       | 27.7                 | 270                       | 4.8                       |                      |                           |                           |
| 380   |                      |                           |                           |                      |                           |                           | 18.5                 | 223                       | 5.2                       | 25.9                 | 260                       | 4.5                       |                      |                           |                           |
| 385   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.0                 | 249                       | 4.1                       |                      |                           |                           |
| 390   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.0                 | 237                       | 3.7                       |                      |                           |                           |
| 395   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.7                 | 224                       | 3.4                       |                      |                           |                           |
| 400   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.2                 | 208                       | 3.0                       |                      |                           |                           |

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16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>371 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 91  | 78.0                 | 477                       | 25.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 77.4                 | 476                       | 25.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 76.6                 | 475                       | 25.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 75.8                 | 474                       | 24.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 75.0                 | 472                       | 23.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 74.2                 | 471                       | 23.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 73.4                 | 469                       | 22.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 125   | 72.6                 | 468                       | 22.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 130   | 71.8                 | 466                       | 21.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 132   |                      |                           |                           | 73.0                 | 468                       | 21.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 135   | 70.9                 | 464                       | 21.4                      | 72.5                 | 466                       | 21.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 140   | 70.1                 | 463                       | 21.0                      | 71.7                 | 465                       | 21.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 145   | 69.3                 | 461                       | 20.7                      | 70.8                 | 463                       | 21.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 150   | 68.5                 | 459                       | 20.3                      | 70.0                 | 461                       | 20.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 155   | 67.6                 | 457                       | 19.9                      | 69.2                 | 459                       | 20.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 160   | 66.8                 | 454                       | 19.5                      | 68.3                 | 458                       | 20.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 165   | 65.9                 | 452                       | 19.2                      | 67.5                 | 455                       | 19.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 170   | 65.1                 | 450                       | 18.8                      | 66.7                 | 453                       | 19.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 175   | 64.2                 | 448                       | 18.5                      | 65.8                 | 451                       | 19.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 180   | 63.3                 | 445                       | 18.3                      | 65.0                 | 449                       | 18.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 185   | 62.5                 | 442                       | 18.0                      | 64.1                 | 446                       | 18.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 190   | 61.6                 | 440                       | 17.8                      | 63.2                 | 444                       | 18.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 194   |                      |                           |                           |                      |                           |                           | 65.0                 | 446                       | 17.8                      |                      |                           |                           |                      |                           |                           |
| 195   | 60.7                 | 437                       | 17.5                      | 62.4                 | 441                       | 17.8                      | 64.9                 | 445                       | 17.8                      |                      |                           |                           |                      |                           |                           |
| 200   | 59.8                 | 434                       | 17.3                      | 61.5                 | 438                       | 17.6                      | 64.0                 | 443                       | 17.8                      |                      |                           |                           |                      |                           |                           |
| 205   | 58.9                 | 431                       | 17.0                      | 60.6                 | 436                       | 17.4                      | 63.2                 | 440                       | 17.7                      |                      |                           |                           |                      |                           |                           |
| 210   | 58.0                 | 428                       | 16.7                      | 59.7                 | 433                       | 17.1                      | 62.3                 | 438                       | 17.4                      |                      |                           |                           |                      |                           |                           |
| 215   | 57.1                 | 425                       | 16.5                      | 58.8                 | 430                       | 16.8                      | 61.4                 | 435                       | 17.1                      |                      |                           |                           |                      |                           |                           |
| 220   | 56.1                 | 421                       | 16.3                      | 57.9                 | 426                       | 16.6                      | 60.5                 | 432                       | 16.9                      |                      |                           |                           |                      |                           |                           |
| 225   | 55.2                 | 418                       | 16.0                      | 56.9                 | 423                       | 16.4                      | 59.6                 | 429                       | 16.7                      |                      |                           |                           |                      |                           |                           |
| 230   | 54.2                 | 414                       | 15.8                      | 56.0                 | 420                       | 16.1                      | 58.7                 | 426                       | 16.5                      |                      |                           |                           |                      |                           |                           |
| 235   | 53.3                 | 411                       | 15.6                      | 55.1                 | 416                       | 15.9                      | 57.8                 | 423                       | 16.3                      |                      |                           |                           |                      |                           |                           |
| 240   | 52.3                 | 407                       | 15.5                      | 54.1                 | 413                       | 15.7                      | 56.9                 | 420                       | 16.1                      |                      |                           |                           |                      |                           |                           |
| 245   | 51.3                 | 403                       | 15.3                      | 53.1                 | 409                       | 15.5                      | 55.9                 | 416                       | 15.8                      |                      |                           |                           |                      |                           |                           |
| 250   | 50.3                 | 399                       | 15.1                      | 52.2                 | 405                       | 15.4                      | 55.0                 | 413                       | 15.6                      |                      |                           |                           |                      |                           |                           |
| 255   | 49.3                 | 394                       | 14.6                      | 51.2                 | 401                       | 15.2                      | 54.0                 | 409                       | 15.4                      |                      |                           |                           |                      |                           |                           |
| 260   | 48.2                 | 390                       | 13.2                      | 50.5                 | 398                       | 14.6                      | 53.1                 | 406                       | 15.2                      |                      |                           |                           |                      |                           |                           |
| 265   | 47.2                 | 385                       | 11.9                      | 49.5                 | 394                       | 13.3                      | 52.1                 | 402                       | 15.1                      |                      |                           |                           |                      |                           |                           |
| 267   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 406                       | 14.4                      |                      |                           |                           |
| 270   | 46.1                 | 380                       | 10.6                      | 48.4                 | 390                       | 12.0                      | 51.1                 | 398                       | 14.9                      | 54.5                 | 404                       | 14.4                      |                      |                           |                           |
| 275   | 45.0                 | 376                       | 9.4                       | 47.4                 | 385                       | 10.8                      | 50.1                 | 394                       | 14.8                      | 53.8                 | 402                       | 14.1                      |                      |                           |                           |
| 280   | 43.9                 | 370                       | 8.2                       | 46.3                 | 380                       | 9.6                       | 49.4                 | 390                       | 14.3                      | 52.8                 | 398                       | 13.6                      |                      |                           |                           |
| 285   | 42.8                 | 365                       | 7.0                       | 45.2                 | 376                       | 8.4                       | 48.4                 | 386                       | 12.9                      | 51.9                 | 394                       | 12.9                      |                      |                           |                           |
| 290   | 41.6                 | 359                       | 5.9                       | 44.1                 | 370                       | 7.3                       | 47.3                 | 382                       | 11.6                      | 50.9                 | 390                       | 12.3                      |                      |                           |                           |
| 295   | 40.4                 | 354                       | 4.8                       | 43.0                 | 365                       | 6.2                       | 46.2                 | 377                       | 10.2                      | 49.9                 | 386                       | 11.7                      |                      |                           |                           |
| 300   | 39.2                 | 348                       | 3.8                       | 41.9                 | 360                       | 5.1                       | 45.2                 | 372                       | 8.9                       | 48.8                 | 381                       | 11.1                      |                      |                           |                           |
| 305   | 38.0                 | 341                       | 2.8                       | 40.7                 | 354                       | 4.1                       | 44.0                 | 367                       | 7.7                       | 47.8                 | 377                       | 10.6                      |                      |                           |                           |
| 310   |                      |                           |                           | 39.5                 | 348                       | 3.1                       | 42.9                 | 361                       | 6.5                       | 46.8                 | 372                       | 10.0                      |                      |                           |                           |
| 315   |                      |                           |                           | 38.2                 | 342                       | 2.2                       | 41.8                 | 356                       | 5.3                       | 45.7                 | 367                       | 9.5                       |                      |                           |                           |
| 320   |                      |                           |                           |                      |                           |                           | 40.6                 | 350                       | 4.2                       | 44.6                 | 362                       | 9.0                       |                      |                           |                           |
| 325   |                      |                           |                           |                      |                           |                           | 39.4                 | 344                       | 3.2                       | 43.5                 | 357                       | 8.5                       |                      |                           |                           |
| 330   |                      |                           |                           |                      |                           |                           | 38.1                 | 338                       | 2.2                       | 42.3                 | 352                       | 7.7                       |                      |                           |                           |
| 335   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 41.2                 | 346                       | 6.3                       |                      |                           |                           |
| 340   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 40.0                 | 340                       | 5.0                       |                      |                           |                           |
| 345   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 38.7                 | 334                       | 3.8                       |                      |                           |                           |
| 350   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 37.5                 | 328                       | 2.6                       |                      |                           |                           |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs]: 273.4  
 Carbody counterweight [1000 lbs]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                                    |                                    | 83 ° Main boom angle |                                    |                                    | 75 ° Main boom angle |                                    |                                    | 65 ° Main boom angle |                                    |                                    | 45 ° Main boom angle |                                    |                                    |
|--|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|----------------------|------------------------------------|------------------------------------|
|  | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] | Jib angle<br>[°]     | Rope<br>pulley<br>height<br>[ft ]: | Load<br>capacity<br>[1000 lbs<br>] |
| 105 ft Main boom<br>66 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 28   | 78.0                 | 178                                | 195.3                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 30   | 75.9                 | 178                                | 192.2                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 35   | 71.3                 | 176                                | 183.7                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 40   | 66.6                 | 174                                | 175.2                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 42   |                      |                                    |                                    | 73.0                 | 176                                | 185.5                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 45   | 61.7                 | 172                                | 167.8                              | 70.7                 | 175                                | 183.1                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 50   | 56.5                 | 168                                | 155.0                              | 65.9                 | 173                                | 175.3                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 55   | 51.0                 | 164                                | 145.5                              | 61.0                 | 170                                | 167.5                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 60   | 44.9                 | 160                                | 129.9                              | 55.8                 | 167                                | 154.8                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   | 38.1                 | 154                                | 116.5                              | 50.2                 | 163                                | 144.2                              |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |
| 65   |                      |                                    |                                    |                      |                                    |                                    | 65.0                 | 169                                | 66.4                               |                      |                                    |                                    |                      |                                    |                                    |
| 70   | 30.0                 | 146                                | 102.3                              | 44.0                 | 158                                | 128.4                              | 60.6                 | 167                                | 157.2                              |                      |                                    |                                    |                      |                                    |                                    |
| 75   | 18.7                 | 134                                | 84.1                               | 37.1                 | 152                                | 116.3                              | 55.3                 | 163                                | 146.6                              |                      |                                    |                                    |                      |                                    |                                    |
| 80   |                      |                                    |                                    | 28.7                 | 144                                | 102.3                              | 49.7                 | 159                                | 137.9                              |                      |                                    |                                    |                      |                                    |                                    |
| 85   |                      |                                    |                                    | 16.5                 | 130                                | 85.8                               | 43.5                 | 154                                | 126.4                              |                      |                                    |                                    |                      |                                    |                                    |
| 90   |                      |                                    |                                    |                      |                                    |                                    | 36.5                 | 148                                | 117.3                              |                      |                                    |                                    |                      |                                    |                                    |
| 92   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 55.0                 | 156                                | 66.4                               |                      |                                    |                                    |
| 95   |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 52.5                 | 154                                | 109.6                              |                      |                                    |                                    |
| 100  |                      |                                    |                                    |                      |                                    |                                    | 28.0                 | 140                                | 105.3                              | 46.6                 | 150                                | 103.0                              |                      |                                    |                                    |
| 105  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 40.0                 | 144                                | 97.1                               |                      |                                    |                                    |
| 110  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 32.3                 | 137                                | 91.7                               |                      |                                    |                                    |
| 115  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 24.8                 | 129                                | 33.4                               |                      |                                    |                                    |
| 138  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 35.0                 | 117                                | 63.9                               |
| 140  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 32.2                 | 115                                | 62.6                               |
| 145  |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    |                      |                                    |                                    | 24.6                 | 107                                | 33.4                               |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>76 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 30   | 78.0                 | 188                       | 180.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 30   | 77.8                 | 188                       | 180.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35   | 73.8                 | 186                       | 173.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 69.8                 | 185                       | 163.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 65.7                 | 183                       | 153.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   |                      |                           |                           | 73.0                 | 185                       | 169.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 61.4                 | 180                       | 145.9                     | 69.3                 | 184                       | 162.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 56.9                 | 177                       | 135.5                     | 65.1                 | 181                       | 153.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 52.1                 | 173                       | 127.5                     | 60.8                 | 178                       | 145.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 47.1                 | 169                       | 117.3                     | 56.3                 | 175                       | 135.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   |                      |                           |                           |                      |                           |                           | 65.0                 | 178                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 70   | 41.5                 | 163                       | 106.3                     | 51.5                 | 172                       | 128.3                     | 64.8                 | 178                       | 150.3                     |                      |                           |                           |                      |                           |                           |
| 75   | 35.2                 | 156                       | 98.9                      | 46.3                 | 167                       | 116.3                     | 60.4                 | 175                       | 142.3                     |                      |                           |                           |                      |                           |                           |
| 80   | 27.6                 | 148                       | 85.7                      | 40.7                 | 161                       | 106.1                     | 55.9                 | 172                       | 133.1                     |                      |                           |                           |                      |                           |                           |
| 85   | 16.9                 | 135                       | 71.7                      | 34.2                 | 154                       | 97.8                      | 51.1                 | 168                       | 125.4                     |                      |                           |                           |                      |                           |                           |
| 90   |                      |                           |                           | 26.4                 | 145                       | 86.0                      | 45.9                 | 163                       | 115.6                     |                      |                           |                           |                      |                           |                           |
| 95   |                      |                           |                           | 18.0                 | 135                       | 33.4                      | 40.2                 | 158                       | 106.5                     |                      |                           |                           |                      |                           |                           |
| 98   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 164                       | 66.4                      |                      |                           |                           |
| 100  |                      |                           |                           |                      |                           |                           | 33.7                 | 151                       | 98.7                      | 53.4                 | 163                       | 102.6                     |                      |                           |                           |
| 105  |                      |                           |                           |                      |                           |                           | 25.7                 | 141                       | 89.1                      | 48.4                 | 159                       | 96.7                      |                      |                           |                           |
| 110  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 43.0                 | 154                       | 91.4                      |                      |                           |                           |
| 115  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 36.9                 | 147                       | 86.6                      |                      |                           |                           |
| 120  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.8                 | 139                       | 82.3                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.7                 | 131                       | 33.4                      |                      |                           |                           |
| 146  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 123                       | 59.2                      |
| 150  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.6                 | 117                       | 57.2                      |
| 155  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 108                       | 33.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>85 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 32   | 78.0                 | 198                       | 167.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35   | 75.8                 | 197                       | 164.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 72.2                 | 195                       | 155.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 68.7                 | 193                       | 145.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 48   |                      |                           |                           | 73.0                 | 195                       | 156.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 65.0                 | 191                       | 135.5                     | 71.8                 | 194                       | 155.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 61.2                 | 188                       | 128.0                     | 68.2                 | 192                       | 145.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 57.2                 | 185                       | 119.4                     | 64.5                 | 190                       | 135.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 53.0                 | 182                       | 112.5                     | 60.6                 | 187                       | 128.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 48.6                 | 177                       | 105.6                     | 56.6                 | 184                       | 119.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 74   |                      |                           |                           |                      |                           |                           | 65.0                 | 187                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 75   | 43.9                 | 172                       | 97.0                      | 52.5                 | 180                       | 113.6                     | 64.2                 | 186                       | 137.3                     |                      |                           |                           |                      |                           |                           |
| 80   | 38.7                 | 166                       | 89.9                      | 48.0                 | 176                       | 105.2                     | 60.3                 | 184                       | 129.5                     |                      |                           |                           |                      |                           |                           |
| 85   | 32.7                 | 159                       | 83.7                      | 43.2                 | 171                       | 96.6                      | 56.3                 | 180                       | 121.4                     |                      |                           |                           |                      |                           |                           |
| 90   | 25.6                 | 150                       | 73.2                      | 37.9                 | 164                       | 90.0                      | 52.1                 | 176                       | 114.3                     |                      |                           |                           |                      |                           |                           |
| 95   | 18.1                 | 139                       | 33.4                      | 31.8                 | 157                       | 83.4                      | 47.6                 | 172                       | 106.7                     |                      |                           |                           |                      |                           |                           |
| 100  |                      |                           |                           | 24.4                 | 147                       | 74.2                      | 42.8                 | 167                       | 97.9                      |                      |                           |                           |                      |                           |                           |
| 104  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 172                       | 66.4                      |                      |                           |                           |
| 105  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 54.2                 | 172                       | 96.7                      |                      |                           |                           |
| 110  |                      |                           |                           |                      |                           |                           | 37.5                 | 161                       | 90.9                      | 49.8                 | 167                       | 91.4                      |                      |                           |                           |
| 115  |                      |                           |                           |                      |                           |                           | 31.3                 | 153                       | 84.8                      | 45.2                 | 163                       | 86.6                      |                      |                           |                           |
| 120  |                      |                           |                           |                      |                           |                           | 23.8                 | 143                       | 77.3                      | 40.1                 | 157                       | 82.3                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.4                 | 150                       | 78.3                      |                      |                           |                           |
| 130  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.6                 | 141                       | 74.7                      |                      |                           |                           |
| 154  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 129                       | 55.5                      |
| 155  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.3                 | 127                       | 54.9                      |
| 160  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.2                 | 117                       | 52.8                      |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 110                       | 33.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:  | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|--|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|  | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| <b>105 ft Main boom</b><br><b>95 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)</b> |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 34   | 78.0                 | 207                       | 152.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 35   | 77.3                 | 207                       | 152.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40   | 74.1                 | 206                       | 145.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45   | 71.0                 | 204                       | 135.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50   | 67.7                 | 202                       | 127.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 51   |                      |                           |                           | 73.0                 | 204                       | 140.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55   | 64.4                 | 200                       | 120.1                     | 70.5                 | 203                       | 136.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60   | 61.0                 | 197                       | 114.0                     | 67.3                 | 201                       | 128.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65   | 57.4                 | 194                       | 106.6                     | 63.9                 | 198                       | 120.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70   | 53.7                 | 190                       | 100.6                     | 60.5                 | 196                       | 114.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75   | 49.8                 | 186                       | 95.5                      | 56.9                 | 192                       | 107.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 78   |                      |                           |                           |                      |                           |                           | 65.0                 | 196                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 80   | 45.7                 | 181                       | 88.7                      | 53.2                 | 189                       | 101.4                     | 63.7                 | 195                       | 122.9                     |                      |                           |                           |                      |                           |                           |
| 85   | 41.2                 | 176                       | 82.7                      | 49.3                 | 184                       | 95.5                      | 60.2                 | 192                       | 116.0                     |                      |                           |                           |                      |                           |                           |
| 90   | 36.3                 | 170                       | 77.9                      | 45.1                 | 180                       | 88.7                      | 56.7                 | 189                       | 109.6                     |                      |                           |                           |                      |                           |                           |
| 95   | 30.7                 | 162                       | 71.2                      | 40.6                 | 174                       | 82.7                      | 52.9                 | 185                       | 103.0                     |                      |                           |                           |                      |                           |                           |
| 100  | 23.9                 | 151                       | 63.1                      | 35.6                 | 168                       | 78.6                      | 49.0                 | 181                       | 97.3                      |                      |                           |                           |                      |                           |                           |
| 105  |                      |                           |                           | 29.9                 | 159                       | 71.5                      | 44.8                 | 176                       | 89.8                      |                      |                           |                           |                      |                           |                           |
| 109  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 180                       | 66.4                      |                      |                           |                           |
| 110  |                      |                           |                           | 22.8                 | 149                       | 64.4                      | 40.2                 | 170                       | 83.7                      | 54.7                 | 180                       | 91.0                      |                      |                           |                           |
| 115  |                      |                           |                           |                      |                           |                           | 35.2                 | 164                       | 79.2                      | 50.9                 | 176                       | 86.2                      |                      |                           |                           |
| 120  |                      |                           |                           |                      |                           |                           | 29.4                 | 155                       | 73.3                      | 46.8                 | 172                       | 81.9                      |                      |                           |                           |
| 125  |                      |                           |                           |                      |                           |                           | 22.1                 | 144                       | 67.4                      | 42.5                 | 166                       | 78.0                      |                      |                           |                           |
| 130  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 37.7                 | 160                       | 74.4                      |                      |                           |                           |
| 135  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.3                 | 153                       | 71.1                      |                      |                           |                           |
| 140  |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.9                 | 143                       | 68.0                      |                      |                           |                           |
| 162  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 134                       | 51.7                      |
| 165  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.2                 | 129                       | 50.5                      |
| 170  |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.8                 | 121                       | 48.7                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>105 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 36  | 78.0                 | 217                       | 140.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 75.7                 | 216                       | 136.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 72.8                 | 214                       | 128.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 69.9                 | 212                       | 121.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 54  |                      |                           |                           | 73.0                 | 213                       | 128.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 67.0                 | 210                       | 114.9                     | 72.4                 | 213                       | 128.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 63.9                 | 208                       | 108.7                     | 69.5                 | 211                       | 121.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 60.8                 | 205                       | 103.5                     | 66.6                 | 209                       | 115.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 57.6                 | 202                       | 97.0                      | 63.5                 | 207                       | 109.2                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 54.3                 | 199                       | 91.6                      | 60.4                 | 204                       | 103.8                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 50.8                 | 195                       | 87.3                      | 57.2                 | 201                       | 97.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 82  |                      |                           |                           |                      |                           |                           | 65.0                 | 205                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 85  | 47.1                 | 190                       | 81.8                      | 53.8                 | 197                       | 92.2                      | 63.3                 | 203                       | 111.3                     |                      |                           |                           |                      |                           |                           |
| 90  | 43.2                 | 185                       | 76.7                      | 50.3                 | 193                       | 87.7                      | 60.2                 | 200                       | 105.5                     |                      |                           |                           |                      |                           |                           |
| 95  | 39.0                 | 179                       | 72.2                      | 46.6                 | 189                       | 81.9                      | 56.9                 | 197                       | 100.0                     |                      |                           |                           |                      |                           |                           |
| 100   | 34.3                 | 172                       | 68.4                      | 42.7                 | 183                       | 76.7                      | 53.6                 | 194                       | 93.8                      |                      |                           |                           |                      |                           |                           |
| 105   | 29.0                 | 164                       | 62.1                      | 38.4                 | 177                       | 72.3                      | 50.0                 | 190                       | 89.2                      |                      |                           |                           |                      |                           |                           |
| 110   | 22.4                 | 153                       | 55.7                      | 33.6                 | 170                       | 68.0                      | 46.3                 | 185                       | 82.9                      |                      |                           |                           |                      |                           |                           |
| 115   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 188                       | 66.4                      |                      |                           |                           |
| 115   |                      |                           |                           | 28.2                 | 162                       | 62.4                      | 42.4                 | 180                       | 77.3                      | 54.9                 | 188                       | 66.4                      |                      |                           |                           |
| 120   |                      |                           |                           | 21.4                 | 150                       | 56.8                      | 38.0                 | 174                       | 73.1                      | 51.8                 | 185                       | 81.7                      |                      |                           |                           |
| 125   |                      |                           |                           |                      |                           |                           | 33.2                 | 166                       | 69.1                      | 48.1                 | 180                       | 77.8                      |                      |                           |                           |
| 130   |                      |                           |                           |                      |                           |                           | 27.7                 | 158                       | 64.4                      | 44.3                 | 175                       | 74.2                      |                      |                           |                           |
| 135   |                      |                           |                           |                      |                           |                           | 20.8                 | 146                       | 59.6                      | 40.2                 | 170                       | 70.9                      |                      |                           |                           |
| 140   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.6                 | 163                       | 67.9                      |                      |                           |                           |
| 145   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.5                 | 155                       | 65.1                      |                      |                           |                           |
| 150   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.0                 | 143                       | 62.4                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 140                       | 48.6                      |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.8                 | 140                       | 48.5                      |
| 175   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.4                 | 131                       | 46.8                      |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.9                 | 120                       | 45.2                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>115 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 38  | 78.0                 | 226                       | 126.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 76.9                 | 226                       | 125.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 74.3                 | 225                       | 119.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 71.7                 | 223                       | 113.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 69.1                 | 221                       | 108.4                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 57  |                      |                           |                           | 73.0                 | 223                       | 115.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 66.3                 | 219                       | 102.0                     | 71.4                 | 222                       | 113.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 63.6                 | 217                       | 97.1                      | 68.7                 | 220                       | 108.1                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 60.7                 | 214                       | 92.6                      | 66.0                 | 218                       | 102.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 57.8                 | 211                       | 86.9                      | 63.2                 | 215                       | 97.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 54.8                 | 207                       | 81.9                      | 60.3                 | 212                       | 92.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 51.6                 | 203                       | 77.9                      | 57.4                 | 209                       | 87.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 86  |                      |                           |                           |                      |                           |                           | 65.0                 | 214                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 90  | 48.3                 | 199                       | 73.8                      | 54.3                 | 206                       | 82.5                      | 63.0                 | 212                       | 99.4                      |                      |                           |                           |                      |                           |                           |
| 95  | 44.8                 | 194                       | 69.5                      | 51.2                 | 202                       | 78.8                      | 60.1                 | 209                       | 94.1                      |                      |                           |                           |                      |                           |                           |
| 100   | 41.1                 | 189                       | 65.6                      | 47.8                 | 198                       | 74.0                      | 57.2                 | 206                       | 89.4                      |                      |                           |                           |                      |                           |                           |
| 105   | 37.1                 | 182                       | 62.2                      | 44.3                 | 192                       | 69.7                      | 54.1                 | 202                       | 84.0                      |                      |                           |                           |                      |                           |                           |
| 110   | 32.6                 | 175                       | 58.4                      | 40.6                 | 187                       | 65.8                      | 50.9                 | 198                       | 79.9                      |                      |                           |                           |                      |                           |                           |
| 115   | 27.5                 | 166                       | 53.6                      | 36.5                 | 180                       | 62.5                      | 47.6                 | 194                       | 75.4                      |                      |                           |                           |                      |                           |                           |
| 120   | 21.2                 | 154                       | 48.9                      | 31.9                 | 173                       | 58.5                      | 44.0                 | 189                       | 70.8                      |                      |                           |                           |                      |                           |                           |
| 121   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 196                       | 66.4                      |                      |                           |                           |
| 125   |                      |                           |                           | 26.7                 | 164                       | 54.2                      | 40.3                 | 183                       | 66.7                      | 52.5                 | 193                       | 77.4                      |                      |                           |                           |
| 130   |                      |                           |                           | 20.2                 | 151                       | 49.9                      | 36.1                 | 177                       | 63.3                      | 49.2                 | 189                       | 73.8                      |                      |                           |                           |
| 135   |                      |                           |                           |                      |                           |                           | 31.5                 | 169                       | 59.8                      | 45.8                 | 184                       | 70.5                      |                      |                           |                           |
| 140   |                      |                           |                           |                      |                           |                           | 26.2                 | 159                       | 56.2                      | 42.1                 | 179                       | 67.5                      |                      |                           |                           |
| 145   |                      |                           |                           |                      |                           |                           | 21.2                 | 150                       | 33.4                      | 38.2                 | 173                       | 64.4                      |                      |                           |                           |
| 150   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.8                 | 166                       | 61.8                      |                      |                           |                           |
| 155   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 157                       | 59.0                      |                      |                           |                           |
| 160   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.0                 | 147                       | 56.2                      |                      |                           |                           |
| 178   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 146                       | 45.4                      |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.0                 | 142                       | 44.8                      |
| 185   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.9                 | 133                       | 43.3                      |
| 190   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.9                 | 124                       | 41.9                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
Degree rating: limited °  
Foot print: 3-blocked crawlers  
Counterweight [1000 lbs ]: 273.4  
Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>125 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 40  | 78.0                 | 236                       | 114.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 75.6                 | 235                       | 110.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 73.2                 | 233                       | 105.9                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 70.8                 | 232                       | 101.0                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  |                      |                           |                           | 73.0                 | 232                       | 104.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 68.3                 | 230                       | 96.8                      | 72.9                 | 232                       | 104.3                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 65.8                 | 228                       | 91.7                      | 70.5                 | 230                       | 101.5                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 63.2                 | 225                       | 87.6                      | 68.0                 | 228                       | 97.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 60.6                 | 222                       | 83.7                      | 65.5                 | 226                       | 92.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 57.9                 | 219                       | 78.6                      | 62.9                 | 224                       | 88.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 55.1                 | 216                       | 74.1                      | 60.3                 | 221                       | 83.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 52.3                 | 212                       | 70.4                      | 57.5                 | 218                       | 78.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 49.3                 | 208                       | 67.0                      | 54.8                 | 214                       | 74.5                      | 65.0                 | 222                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 105   | 46.1                 | 203                       | 63.4                      | 51.9                 | 210                       | 71.0                      | 62.7                 | 220                       | 89.8                      |                      |                           |                           |                      |                           |                           |
| 110   | 42.8                 | 198                       | 60.1                      | 48.8                 | 206                       | 67.4                      | 60.1                 | 217                       | 84.8                      |                      |                           |                           |                      |                           |                           |
| 115   | 39.2                 | 192                       | 57.1                      | 45.7                 | 202                       | 63.8                      | 57.3                 | 214                       | 80.6                      |                      |                           |                           |                      |                           |                           |
| 120   | 35.4                 | 185                       | 54.5                      | 42.3                 | 196                       | 60.5                      | 54.5                 | 211                       | 76.0                      |                      |                           |                           |                      |                           |                           |
| 125   | 31.1                 | 177                       | 51.1                      | 38.7                 | 190                       | 57.6                      | 51.6                 | 207                       | 72.3                      |                      |                           |                           |                      |                           |                           |
| 130   | 26.1                 | 168                       | 47.4                      | 34.8                 | 183                       | 54.9                      | 48.6                 | 203                       | 68.9                      |                      |                           |                           |                      |                           |                           |
| 135   |                      |                           |                           |                      |                           |                           | 45.4                 | 198                       | 65.2                      | 55.0                 | 204                       | 66.4                      |                      |                           |                           |
| 140   | 20.1                 | 156                       | 43.7                      | 30.4                 | 175                       | 51.5                      | 42.0                 | 192                       | 61.8                      | 53.0                 | 202                       | 73.7                      |                      |                           |                           |
| 145   |                      |                           |                           | 25.4                 | 165                       | 48.1                      | 38.4                 | 186                       | 58.9                      | 50.1                 | 198                       | 70.4                      |                      |                           |                           |
| 150   |                      |                           |                           | 19.1                 | 153                       | 44.7                      | 34.5                 | 179                       | 56.3                      | 47.0                 | 193                       | 67.4                      |                      |                           |                           |
| 155   |                      |                           |                           |                      |                           |                           | 30.1                 | 171                       | 53.3                      | 43.7                 | 188                       | 64.1                      |                      |                           |                           |
| 160   |                      |                           |                           |                      |                           |                           | 24.9                 | 161                       | 50.3                      | 40.2                 | 182                       | 60.7                      |                      |                           |                           |
| 165   |                      |                           |                           |                      |                           |                           | 20.1                 | 151                       | 33.4                      | 36.4                 | 176                       | 58.0                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.2                 | 168                       | 55.7                      |                      |                           |                           |
| 175   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.5                 | 159                       | 53.2                      |                      |                           |                           |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.8                 | 148                       | 50.8                      |                      |                           |                           |
| 186   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 151                       | 42.9                      |
| 190   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.5                 | 145                       | 41.8                      |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.4                 | 137                       | 40.5                      |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.7                 | 126                       | 39.2                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>134 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 42  | 78.0                 | 246                       | 102.6                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 76.7                 | 245                       | 101.7                     |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 74.5                 | 244                       | 97.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 72.2                 | 242                       | 92.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 70.0                 | 240                       | 89.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 63  |                      |                           |                           | 73.0                 | 242                       | 92.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 67.7                 | 238                       | 84.8                      | 71.9                 | 241                       | 92.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 65.4                 | 236                       | 80.5                      | 69.7                 | 239                       | 87.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 63.0                 | 234                       | 77.1                      | 67.4                 | 237                       | 84.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 60.5                 | 231                       | 73.5                      | 65.0                 | 235                       | 79.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 58.0                 | 228                       | 69.1                      | 62.6                 | 232                       | 76.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 55.5                 | 224                       | 65.2                      | 60.2                 | 229                       | 72.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 94  |                      |                           |                           |                      |                           |                           | 65.0                 | 232                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 95  | 52.8                 | 221                       | 61.9                      | 57.7                 | 226                       | 68.2                      | 64.8                 | 231                       | 81.0                      |                      |                           |                           |                      |                           |                           |
| 100   | 50.1                 | 216                       | 59.1                      | 55.1                 | 223                       | 64.6                      | 62.5                 | 229                       | 78.8                      |                      |                           |                           |                      |                           |                           |
| 105   | 47.2                 | 212                       | 56.0                      | 52.4                 | 219                       | 61.6                      | 60.0                 | 226                       | 74.3                      |                      |                           |                           |                      |                           |                           |
| 110   | 44.2                 | 207                       | 53.1                      | 49.7                 | 215                       | 58.7                      | 57.5                 | 223                       | 70.7                      |                      |                           |                           |                      |                           |                           |
| 115   | 41.0                 | 201                       | 50.5                      | 46.8                 | 210                       | 55.7                      | 54.9                 | 219                       | 66.7                      |                      |                           |                           |                      |                           |                           |
| 120   | 37.6                 | 195                       | 48.1                      | 43.7                 | 205                       | 52.9                      | 52.2                 | 216                       | 63.5                      |                      |                           |                           |                      |                           |                           |
| 125   | 33.8                 | 188                       | 46.0                      | 40.5                 | 200                       | 50.4                      | 49.5                 | 211                       | 60.8                      |                      |                           |                           |                      |                           |                           |
| 130   | 29.7                 | 180                       | 43.5                      | 37.1                 | 193                       | 48.2                      | 46.6                 | 207                       | 57.6                      |                      |                           |                           |                      |                           |                           |
| 132   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 213                       | 62.8                      |                      |                           |                           |
| 135   | 24.9                 | 170                       | 40.9                      | 33.3                 | 186                       | 46.0                      | 43.5                 | 202                       | 54.6                      | 53.5                 | 210                       | 65.8                      |                      |                           |                           |
| 140   | 19.1                 | 157                       | 38.4                      | 29.1                 | 177                       | 43.7                      | 40.3                 | 196                       | 52.0                      | 50.8                 | 206                       | 62.5                      |                      |                           |                           |
| 145   |                      |                           |                           | 24.2                 | 167                       | 41.4                      | 36.8                 | 189                       | 49.7                      | 48.0                 | 202                       | 59.6                      |                      |                           |                           |
| 150   |                      |                           |                           | 18.1                 | 154                       | 39.0                      | 33.0                 | 182                       | 47.6                      | 45.0                 | 197                       | 57.1                      |                      |                           |                           |
| 155   |                      |                           |                           |                      |                           |                           | 28.7                 | 173                       | 45.4                      | 41.8                 | 192                       | 54.2                      |                      |                           |                           |
| 160   |                      |                           |                           |                      |                           |                           | 23.8                 | 163                       | 43.1                      | 38.5                 | 186                       | 51.7                      |                      |                           |                           |
| 165   |                      |                           |                           |                      |                           |                           | 19.1                 | 152                       | 33.4                      | 34.9                 | 179                       | 49.7                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.9                 | 171                       | 47.6                      |                      |                           |                           |
| 175   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.3                 | 161                       | 45.6                      |                      |                           |                           |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.8                 | 150                       | 43.5                      |                      |                           |                           |
| 194   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 157                       | 40.3                      |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.8                 | 156                       | 40.1                      |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.1                 | 147                       | 38.8                      |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.3                 | 137                       | 37.6                      |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.7                 | 127                       | 36.5                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>144 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 44  | 78.0                 | 255                       | 93.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 45  | 77.6                 | 255                       | 93.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 75.6                 | 254                       | 91.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 73.5                 | 252                       | 87.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 71.4                 | 251                       | 83.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 69.3                 | 249                       | 80.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 66  |                      |                           |                           | 73.0                 | 251                       | 85.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 67.1                 | 247                       | 75.8                      | 71.1                 | 250                       | 83.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 65.0                 | 245                       | 72.1                      | 69.0                 | 248                       | 79.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 62.7                 | 242                       | 69.1                      | 66.8                 | 246                       | 76.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 60.5                 | 239                       | 65.9                      | 64.7                 | 243                       | 72.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 58.1                 | 236                       | 62.0                      | 62.4                 | 241                       | 69.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 55.8                 | 233                       | 58.5                      | 60.1                 | 238                       | 65.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 99  |                      |                           |                           |                      |                           |                           | 65.0                 | 240                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 100   | 53.3                 | 229                       | 55.6                      | 57.8                 | 235                       | 62.1                      | 64.5                 | 240                       | 73.0                      |                      |                           |                           |                      |                           |                           |
| 105   | 50.8                 | 225                       | 53.1                      | 55.4                 | 231                       | 58.8                      | 62.3                 | 237                       | 70.5                      |                      |                           |                           |                      |                           |                           |
| 110   | 48.1                 | 221                       | 50.4                      | 52.9                 | 228                       | 56.0                      | 60.0                 | 234                       | 66.6                      |                      |                           |                           |                      |                           |                           |
| 115   | 45.4                 | 216                       | 47.9                      | 50.4                 | 224                       | 53.5                      | 57.6                 | 231                       | 63.5                      |                      |                           |                           |                      |                           |                           |
| 120   | 42.5                 | 211                       | 45.5                      | 47.7                 | 219                       | 50.8                      | 55.2                 | 228                       | 59.9                      |                      |                           |                           |                      |                           |                           |
| 125   | 39.4                 | 205                       | 43.4                      | 45.0                 | 214                       | 48.2                      | 52.8                 | 224                       | 56.9                      |                      |                           |                           |                      |                           |                           |
| 130   | 36.1                 | 198                       | 41.4                      | 42.0                 | 209                       | 45.9                      | 50.2                 | 220                       | 54.6                      |                      |                           |                           |                      |                           |                           |
| 135   | 32.5                 | 191                       | 39.7                      | 38.9                 | 203                       | 43.8                      | 47.5                 | 216                       | 51.9                      |                      |                           |                           |                      |                           |                           |
| 138   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 221                       | 56.1                      |                      |                           |                           |
| 140   | 28.5                 | 182                       | 37.9                      | 35.6                 | 196                       | 41.9                      | 44.7                 | 211                       | 49.2                      | 54.0                 | 219                       | 58.7                      |                      |                           |                           |
| 145   | 23.9                 | 171                       | 36.1                      | 32.0                 | 188                       | 40.1                      | 41.8                 | 205                       | 46.8                      | 51.4                 | 215                       | 56.3                      |                      |                           |                           |
| 150   | 18.2                 | 158                       | 34.3                      | 27.9                 | 180                       | 38.3                      | 38.7                 | 199                       | 44.7                      | 48.8                 | 211                       | 53.6                      |                      |                           |                           |
| 155   |                      |                           |                           | 23.2                 | 169                       | 36.5                      | 35.3                 | 192                       | 42.9                      | 46.1                 | 206                       | 51.5                      |                      |                           |                           |
| 160   |                      |                           |                           | 17.2                 | 155                       | 34.6                      | 31.7                 | 185                       | 41.2                      | 43.2                 | 201                       | 48.9                      |                      |                           |                           |
| 165   |                      |                           |                           |                      |                           |                           | 27.6                 | 176                       | 39.4                      | 40.2                 | 195                       | 46.6                      |                      |                           |                           |
| 170   |                      |                           |                           |                      |                           |                           | 22.8                 | 164                       | 37.6                      | 37.0                 | 189                       | 44.6                      |                      |                           |                           |
| 175   |                      |                           |                           |                      |                           |                           | 18.2                 | 154                       | 33.3                      | 33.5                 | 182                       | 42.9                      |                      |                           |                           |
| 180   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.6                 | 173                       | 41.2                      |                      |                           |                           |
| 185   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.2                 | 163                       | 39.4                      |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.8                 | 151                       | 37.7                      |                      |                           |                           |
| 202   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 162                       | 38.1                      |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.8                 | 158                       | 37.4                      |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.5                 | 151                       | 36.3                      |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.1                 | 141                       | 35.2                      |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.8                 | 128                       | 34.1                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>154 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 46  | 78.0                 | 265                       | 84.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 76.5                 | 264                       | 83.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 74.6                 | 263                       | 80.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 72.6                 | 261                       | 77.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 70.7                 | 260                       | 75.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 68  |                      |                           |                           | 73.0                 | 260                       | 77.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 68.7                 | 258                       | 72.9                      | 72.4                 | 260                       | 77.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 66.7                 | 255                       | 70.1                      | 70.4                 | 258                       | 75.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 64.6                 | 253                       | 67.7                      | 68.4                 | 256                       | 73.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 62.5                 | 250                       | 65.7                      | 66.4                 | 254                       | 70.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 60.4                 | 248                       | 63.4                      | 64.3                 | 252                       | 67.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 58.2                 | 245                       | 60.5                      | 62.2                 | 249                       | 65.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 56.0                 | 241                       | 57.9                      | 60.1                 | 246                       | 63.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 103   |                      |                           |                           |                      |                           |                           | 65.0                 | 249                       | 66.4                      |                      |                           |                           |                      |                           |                           |
| 105   | 53.7                 | 238                       | 55.6                      | 57.9                 | 243                       | 60.5                      | 64.2                 | 248                       | 68.1                      |                      |                           |                           |                      |                           |                           |
| 110   | 51.3                 | 234                       | 53.7                      | 55.7                 | 240                       | 58.0                      | 62.1                 | 246                       | 66.3                      |                      |                           |                           |                      |                           |                           |
| 115   | 48.9                 | 230                       | 51.4                      | 53.4                 | 236                       | 55.9                      | 59.9                 | 243                       | 63.9                      |                      |                           |                           |                      |                           |                           |
| 120   | 46.4                 | 225                       | 48.9                      | 51.0                 | 232                       | 54.1                      | 57.8                 | 240                       | 61.8                      |                      |                           |                           |                      |                           |                           |
| 125   | 43.7                 | 220                       | 46.5                      | 48.6                 | 228                       | 51.4                      | 55.5                 | 236                       | 58.9                      |                      |                           |                           |                      |                           |                           |
| 130   | 40.9                 | 214                       | 44.3                      | 46.0                 | 223                       | 48.8                      | 53.2                 | 233                       | 56.3                      |                      |                           |                           |                      |                           |                           |
| 135   | 37.9                 | 208                       | 42.3                      | 43.3                 | 218                       | 46.5                      | 50.8                 | 229                       | 54.3                      |                      |                           |                           |                      |                           |                           |
| 140   | 34.7                 | 201                       | 40.5                      | 40.5                 | 212                       | 44.3                      | 48.4                 | 224                       | 51.9                      |                      |                           |                           |                      |                           |                           |
| 143   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 229                       | 56.8                      |                      |                           |                           |
| 145   | 31.3                 | 193                       | 38.4                      | 37.5                 | 206                       | 42.4                      | 45.8                 | 220                       | 49.3                      | 54.3                 | 228                       | 57.6                      |                      |                           |                           |
| 150   | 27.4                 | 184                       | 36.2                      | 34.3                 | 199                       | 40.6                      | 43.1                 | 214                       | 46.9                      | 52.0                 | 224                       | 56.0                      |                      |                           |                           |
| 155   | 22.9                 | 173                       | 34.0                      | 30.8                 | 191                       | 38.6                      | 40.3                 | 209                       | 44.7                      | 49.6                 | 220                       | 52.9                      |                      |                           |                           |
| 160   | 17.3                 | 159                       | 31.8                      | 26.8                 | 182                       | 36.5                      | 37.3                 | 202                       | 42.8                      | 47.0                 | 215                       | 50.7                      |                      |                           |                           |
| 165   |                      |                           |                           | 22.2                 | 170                       | 34.5                      | 34.0                 | 195                       | 41.1                      | 44.4                 | 210                       | 48.3                      |                      |                           |                           |
| 170   |                      |                           |                           | 16.4                 | 155                       | 32.4                      | 30.5                 | 187                       | 39.4                      | 41.7                 | 205                       | 46.0                      |                      |                           |                           |
| 175   |                      |                           |                           |                      |                           |                           | 26.5                 | 178                       | 37.6                      | 38.7                 | 198                       | 44.0                      |                      |                           |                           |
| 180   |                      |                           |                           |                      |                           |                           | 21.8                 | 166                       | 35.8                      | 35.6                 | 192                       | 42.3                      |                      |                           |                           |
| 185   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.2                 | 184                       | 40.7                      |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 175                       | 39.2                      |                      |                           |                           |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.2                 | 165                       | 37.6                      |                      |                           |                           |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.0                 | 152                       | 36.0                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 168                       | 35.8                      |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.6                 | 160                       | 34.8                      |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.4                 | 153                       | 33.8                      |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.1                 | 145                       | 32.8                      |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 20.1                 | 133                       | 31.9                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>164 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 48  | 78.0                 | 275                       | 77.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 77.3                 | 274                       | 77.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 75.5                 | 273                       | 75.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 73.7                 | 272                       | 73.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 71.9                 | 270                       | 71.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 70.0                 | 268                       | 70.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 71  |                      |                           |                           | 73.0                 | 270                       | 72.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 68.2                 | 266                       | 68.4                      | 71.6                 | 269                       | 71.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 66.2                 | 264                       | 66.6                      | 69.8                 | 267                       | 69.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 64.3                 | 262                       | 65.1                      | 67.9                 | 265                       | 68.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 62.3                 | 259                       | 64.0                      | 66.0                 | 263                       | 66.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 60.3                 | 256                       | 62.3                      | 64.0                 | 260                       | 65.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 58.3                 | 253                       | 60.0                      | 62.1                 | 258                       | 63.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 56.1                 | 250                       | 58.1                      | 60.1                 | 255                       | 62.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 107   |                      |                           |                           |                      |                           |                           | 65.0                 | 258                       | 64.4                      |                      |                           |                           |                      |                           |                           |
| 110   | 53.9                 | 246                       | 56.6                      | 58.0                 | 252                       | 59.9                      | 63.9                 | 257                       | 65.1                      |                      |                           |                           |                      |                           |                           |
| 115   | 51.7                 | 242                       | 55.3                      | 55.8                 | 248                       | 58.2                      | 61.9                 | 254                       | 63.9                      |                      |                           |                           |                      |                           |                           |
| 120   | 49.3                 | 238                       | 53.7                      | 53.6                 | 244                       | 56.9                      | 59.9                 | 251                       | 62.6                      |                      |                           |                           |                      |                           |                           |
| 125   | 47.0                 | 233                       | 51.0                      | 51.3                 | 240                       | 55.8                      | 57.9                 | 248                       | 61.3                      |                      |                           |                           |                      |                           |                           |
| 130   | 44.5                 | 228                       | 48.5                      | 49.0                 | 236                       | 53.3                      | 55.8                 | 245                       | 58.8                      |                      |                           |                           |                      |                           |                           |
| 135   | 41.9                 | 223                       | 46.2                      | 46.6                 | 232                       | 50.7                      | 53.4                 | 241                       | 56.7                      |                      |                           |                           |                      |                           |                           |
| 140   | 39.1                 | 217                       | 44.1                      | 44.1                 | 226                       | 48.2                      | 51.2                 | 237                       | 55.3                      |                      |                           |                           |                      |                           |                           |
| 145   | 36.2                 | 210                       | 42.1                      | 41.5                 | 221                       | 45.9                      | 48.8                 | 233                       | 53.5                      |                      |                           |                           |                      |                           |                           |
| 149   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 237                       | 57.3                      |                      |                           |                           |
| 150   | 33.0                 | 202                       | 40.1                      | 38.7                 | 215                       | 43.8                      | 46.4                 | 228                       | 50.8                      | 54.6                 | 236                       | 57.6                      |                      |                           |                           |
| 155   | 29.6                 | 194                       | 37.5                      | 35.8                 | 208                       | 42.0                      | 43.9                 | 223                       | 48.2                      | 52.3                 | 232                       | 56.5                      |                      |                           |                           |
| 160   | 25.7                 | 184                       | 35.0                      | 32.6                 | 200                       | 39.8                      | 41.3                 | 217                       | 45.9                      | 50.0                 | 228                       | 53.8                      |                      |                           |                           |
| 165   | 22.0                 | 174                       | 32.5                      | 29.1                 | 192                       | 37.6                      | 38.5                 | 211                       | 43.9                      | 47.6                 | 223                       | 51.3                      |                      |                           |                           |
| 170   | 16.6                 | 160                       | 30.0                      | 25.8                 | 184                       | 35.4                      | 35.5                 | 204                       | 42.1                      | 45.1                 | 218                       | 49.1                      |                      |                           |                           |
| 175   |                      |                           |                           | 21.4                 | 172                       | 33.2                      | 32.3                 | 196                       | 40.3                      | 42.6                 | 213                       | 46.8                      |                      |                           |                           |
| 180   |                      |                           |                           | 17.1                 | 160                       | 31.1                      | 28.8                 | 188                       | 38.4                      | 39.9                 | 207                       | 44.6                      |                      |                           |                           |
| 185   |                      |                           |                           |                      |                           |                           | 24.8                 | 177                       | 36.6                      | 37.0                 | 201                       | 42.7                      |                      |                           |                           |
| 190   |                      |                           |                           |                      |                           |                           | 20.0                 | 165                       | 34.7                      | 33.9                 | 193                       | 41.2                      |                      |                           |                           |
| 195   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.5                 | 185                       | 39.7                      |                      |                           |                           |
| 200   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.8                 | 176                       | 38.2                      |                      |                           |                           |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.4                 | 164                       | 36.7                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.4                 | 156                       | 33.4                      |                      |                           |                           |
| 218   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 174                       | 34.0                      |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.8                 | 171                       | 33.6                      |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.8                 | 166                       | 32.7                      |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.2                 | 157                       | 31.8                      |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.2                 | 147                       | 30.9                      |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 19.3                 | 134                       | 30.0                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>174 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 50  | 78.0                 | 284                       | 70.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 76.4                 | 283                       | 70.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 74.7                 | 282                       | 68.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 72.9                 | 280                       | 66.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 71.2                 | 279                       | 64.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 74  |                      |                           |                           | 73.0                 | 279                       | 65.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 69.4                 | 277                       | 63.4                      | 72.7                 | 279                       | 65.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 67.7                 | 275                       | 62.0                      | 71.0                 | 277                       | 64.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 65.9                 | 272                       | 60.5                      | 69.2                 | 276                       | 63.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 64.0                 | 270                       | 59.3                      | 67.4                 | 273                       | 62.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 62.2                 | 268                       | 58.3                      | 65.6                 | 271                       | 60.5                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 60.3                 | 265                       | 56.9                      | 63.8                 | 269                       | 59.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 58.4                 | 262                       | 55.1                      | 61.9                 | 266                       | 58.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 56.3                 | 258                       | 53.5                      | 60.0                 | 263                       | 56.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 111   |                      |                           |                           |                      |                           |                           | 65.0                 | 267                       | 58.6                      |                      |                           |                           |                      |                           |                           |
| 115   | 54.2                 | 255                       | 52.3                      | 58.1                 | 260                       | 55.1                      | 63.6                 | 265                       | 59.3                      |                      |                           |                           |                      |                           |                           |
| 120   | 52.1                 | 251                       | 51.3                      | 56.0                 | 257                       | 53.7                      | 61.8                 | 263                       | 58.2                      |                      |                           |                           |                      |                           |                           |
| 125   | 50.0                 | 246                       | 50.3                      | 53.9                 | 253                       | 52.6                      | 59.9                 | 260                       | 57.1                      |                      |                           |                           |                      |                           |                           |
| 130   | 47.7                 | 242                       | 47.9                      | 51.8                 | 249                       | 51.7                      | 57.9                 | 257                       | 56.1                      |                      |                           |                           |                      |                           |                           |
| 135   | 45.4                 | 237                       | 45.7                      | 49.7                 | 245                       | 49.9                      | 56.0                 | 253                       | 54.1                      |                      |                           |                           |                      |                           |                           |
| 140   | 43.0                 | 232                       | 43.5                      | 47.4                 | 240                       | 47.6                      | 53.8                 | 250                       | 52.4                      |                      |                           |                           |                      |                           |                           |
| 145   | 40.5                 | 226                       | 41.6                      | 45.1                 | 236                       | 45.3                      | 51.7                 | 246                       | 51.2                      |                      |                           |                           |                      |                           |                           |
| 150   | 37.8                 | 220                       | 39.8                      | 42.7                 | 230                       | 43.3                      | 49.5                 | 241                       | 50.1                      |                      |                           |                           |                      |                           |                           |
| 154   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 245                       | 52.2                      |                      |                           |                           |
| 155   | 35.0                 | 213                       | 38.2                      | 40.1                 | 224                       | 41.4                      | 47.3                 | 237                       | 47.7                      | 54.9                 | 245                       | 52.6                      |                      |                           |                           |
| 160   | 31.9                 | 205                       | 36.1                      | 37.4                 | 218                       | 39.6                      | 44.9                 | 232                       | 45.4                      | 52.9                 | 241                       | 52.1                      |                      |                           |                           |
| 165   | 28.6                 | 196                       | 33.8                      | 34.6                 | 211                       | 38.0                      | 42.5                 | 226                       | 43.3                      | 50.5                 | 236                       | 50.0                      |                      |                           |                           |
| 170   | 25.5                 | 188                       | 31.7                      | 31.5                 | 203                       | 36.0                      | 39.9                 | 220                       | 41.3                      | 48.3                 | 232                       | 47.8                      |                      |                           |                           |
| 175   | 21.2                 | 176                       | 29.5                      | 28.1                 | 194                       | 34.0                      | 37.2                 | 214                       | 39.6                      | 46.1                 | 227                       | 46.2                      |                      |                           |                           |
| 180   | 17.2                 | 164                       | 27.4                      | 25.0                 | 185                       | 32.1                      | 34.4                 | 207                       | 38.1                      | 43.7                 | 222                       | 44.0                      |                      |                           |                           |
| 185   |                      |                           |                           | 20.6                 | 173                       | 30.1                      | 31.2                 | 199                       | 36.5                      | 41.2                 | 216                       | 42.0                      |                      |                           |                           |
| 190   |                      |                           |                           | 16.4                 | 161                       | 28.7                      | 27.8                 | 190                       | 34.9                      | 38.5                 | 210                       | 40.2                      |                      |                           |                           |
| 195   |                      |                           |                           |                      |                           |                           | 23.9                 | 179                       | 33.3                      | 35.8                 | 204                       | 38.7                      |                      |                           |                           |
| 200   |                      |                           |                           |                      |                           |                           | 20.2                 | 169                       | 31.7                      | 32.8                 | 196                       | 37.4                      |                      |                           |                           |
| 205   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.5                 | 187                       | 36.1                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.8                 | 178                       | 34.8                      |                      |                           |                           |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.6                 | 166                       | 33.5                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.7                 | 157                       | 32.6                      |                      |                           |                           |
| 226   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 180                       | 32.0                      |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.9                 | 177                       | 31.4                      |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.7                 | 168                       | 30.5                      |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 27.3                 | 159                       | 29.7                      |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 23.3                 | 148                       | 28.8                      |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 18.6                 | 135                       | 28.0                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>184 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 52  | 78.0                 | 294                       | 64.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 77.1                 | 293                       | 64.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 75.5                 | 292                       | 63.2                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 73.9                 | 291                       | 61.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 72.3                 | 289                       | 60.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 70.6                 | 287                       | 59.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 77  |                      |                           |                           | 73.0                 | 289                       | 60.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 68.9                 | 285                       | 58.1                      | 72.0                 | 288                       | 60.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 67.2                 | 283                       | 56.7                      | 70.4                 | 286                       | 58.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 65.5                 | 281                       | 55.5                      | 68.7                 | 284                       | 57.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 63.8                 | 279                       | 54.4                      | 67.0                 | 282                       | 56.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 62.0                 | 276                       | 53.6                      | 65.3                 | 280                       | 55.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 60.3                 | 273                       | 52.4                      | 63.6                 | 277                       | 54.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 58.4                 | 270                       | 51.0                      | 61.8                 | 275                       | 53.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 56.4                 | 267                       | 49.7                      | 60.0                 | 272                       | 52.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   |                      |                           |                           |                      |                           |                           | 65.0                 | 276                       | 53.9                      |                      |                           |                           |                      |                           |                           |
| 120   | 54.5                 | 263                       | 48.7                      | 58.2                 | 269                       | 51.1                      | 63.4                 | 274                       | 54.5                      |                      |                           |                           |                      |                           |                           |
| 125   | 52.5                 | 259                       | 47.9                      | 56.2                 | 265                       | 49.9                      | 61.7                 | 271                       | 53.5                      |                      |                           |                           |                      |                           |                           |
| 130   | 50.5                 | 255                       | 47.2                      | 54.2                 | 262                       | 49.1                      | 59.9                 | 268                       | 52.5                      |                      |                           |                           |                      |                           |                           |
| 135   | 48.4                 | 251                       | 45.4                      | 52.3                 | 258                       | 48.3                      | 58.0                 | 265                       | 51.8                      |                      |                           |                           |                      |                           |                           |
| 140   | 46.3                 | 246                       | 43.4                      | 50.2                 | 254                       | 47.2                      | 56.2                 | 262                       | 50.2                      |                      |                           |                           |                      |                           |                           |
| 145   | 44.0                 | 241                       | 41.4                      | 48.1                 | 249                       | 45.1                      | 54.1                 | 258                       | 48.8                      |                      |                           |                           |                      |                           |                           |
| 150   | 41.7                 | 235                       | 39.6                      | 46.0                 | 244                       | 43.0                      | 52.1                 | 254                       | 47.8                      |                      |                           |                           |                      |                           |                           |
| 155   | 39.2                 | 229                       | 37.9                      | 43.7                 | 239                       | 41.1                      | 50.1                 | 250                       | 47.1                      |                      |                           |                           |                      |                           |                           |
| 160   | 36.7                 | 223                       | 36.4                      | 41.4                 | 234                       | 39.4                      | 48.0                 | 246                       | 45.2                      |                      |                           |                           |                      |                           |                           |
| 160   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 253                       | 48.0                      |                      |                           |                           |
| 165   | 33.9                 | 216                       | 34.9                      | 38.9                 | 228                       | 37.7                      | 45.8                 | 241                       | 43.1                      | 53.2                 | 250                       | 48.5                      |                      |                           |                           |
| 170   | 30.9                 | 207                       | 32.9                      | 36.3                 | 221                       | 36.3                      | 43.5                 | 236                       | 41.1                      | 51.2                 | 246                       | 47.1                      |                      |                           |                           |
| 175   | 28.2                 | 200                       | 31.0                      | 33.5                 | 214                       | 34.7                      | 41.2                 | 230                       | 39.3                      | 49.0                 | 241                       | 44.9                      |                      |                           |                           |
| 180   | 24.7                 | 190                       | 29.0                      | 30.5                 | 205                       | 32.9                      | 38.7                 | 224                       | 37.7                      | 46.9                 | 236                       | 43.5                      |                      |                           |                           |
| 185   | 20.5                 | 177                       | 27.1                      | 27.8                 | 198                       | 31.2                      | 36.1                 | 217                       | 36.3                      | 44.6                 | 231                       | 41.8                      |                      |                           |                           |
| 190   | 16.5                 | 165                       | 25.5                      | 24.1                 | 187                       | 29.5                      | 33.3                 | 210                       | 34.9                      | 42.3                 | 226                       | 40.0                      |                      |                           |                           |
| 195   |                      |                           |                           | 20.9                 | 177                       | 28.1                      | 30.2                 | 201                       | 33.5                      | 39.9                 | 220                       | 38.3                      |                      |                           |                           |
| 200   |                      |                           |                           | 15.7                 | 162                       | 26.8                      | 26.9                 | 192                       | 32.1                      | 37.4                 | 214                       | 36.8                      |                      |                           |                           |
| 205   |                      |                           |                           |                      |                           |                           | 23.1                 | 181                       | 30.7                      | 34.6                 | 206                       | 35.5                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           | 20.5                 | 173                       | 29.6                      | 31.7                 | 198                       | 34.4                      |                      |                           |                           |
| 215   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.5                 | 190                       | 33.2                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.0                 | 179                       | 32.1                      |                      |                           |                           |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.6                 | 172                       | 31.2                      |                      |                           |                           |
| 234   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 185                       | 30.3                      |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 184                       | 30.2                      |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 32.8                 | 179                       | 29.4                      |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 29.8                 | 171                       | 28.6                      |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 26.4                 | 161                       | 27.8                      |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 22.5                 | 150                       | 27.1                      |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 17.9                 | 136                       | 26.4                      |

valid only with preface

16.7.2007

## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>194 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 54  | 78.0                 | 304                       | 58.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 55  | 77.8                 | 303                       | 58.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 76.3                 | 302                       | 57.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 74.8                 | 301                       | 55.7                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 73.2                 | 299                       | 54.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 71.6                 | 298                       | 53.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 70.0                 | 296                       | 52.1                      | 73.0                 | 298                       | 53.6                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 68.4                 | 294                       | 51.1                      | 71.4                 | 296                       | 53.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 66.8                 | 292                       | 49.9                      | 69.8                 | 295                       | 51.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 65.2                 | 290                       | 48.9                      | 68.2                 | 293                       | 51.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 63.5                 | 287                       | 48.0                      | 66.6                 | 290                       | 49.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 61.8                 | 284                       | 47.3                      | 65.0                 | 288                       | 48.9                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 60.1                 | 282                       | 46.5                      | 63.3                 | 286                       | 48.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 58.4                 | 278                       | 45.5                      | 61.6                 | 283                       | 47.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   |                      |                           |                           |                      |                           |                           | 65.0                 | 285                       | 48.4                      |                      |                           |                           |                      |                           |                           |
| 120   | 56.6                 | 275                       | 44.7                      | 59.9                 | 280                       | 46.5                      | 64.8                 | 285                       | 48.4                      |                      |                           |                           |                      |                           |                           |
| 125   | 54.8                 | 272                       | 44.0                      | 58.1                 | 277                       | 45.6                      | 63.2                 | 282                       | 48.1                      |                      |                           |                           |                      |                           |                           |
| 130   | 52.9                 | 268                       | 43.3                      | 56.3                 | 274                       | 44.8                      | 61.5                 | 280                       | 47.2                      |                      |                           |                           |                      |                           |                           |
| 135   | 51.0                 | 264                       | 42.7                      | 54.5                 | 270                       | 44.1                      | 59.7                 | 277                       | 46.4                      |                      |                           |                           |                      |                           |                           |
| 140   | 49.0                 | 260                       | 41.5                      | 52.7                 | 266                       | 43.5                      | 58.0                 | 274                       | 45.7                      |                      |                           |                           |                      |                           |                           |
| 145   | 47.0                 | 255                       | 39.9                      | 50.7                 | 262                       | 42.8                      | 56.2                 | 270                       | 44.8                      |                      |                           |                           |                      |                           |                           |
| 150   | 44.9                 | 250                       | 38.3                      | 48.8                 | 258                       | 41.2                      | 54.4                 | 267                       | 44.0                      |                      |                           |                           |                      |                           |                           |
| 155   | 42.8                 | 245                       | 36.8                      | 46.7                 | 253                       | 39.6                      | 52.5                 | 263                       | 43.2                      |                      |                           |                           |                      |                           |                           |
| 160   | 40.5                 | 239                       | 35.4                      | 44.6                 | 248                       | 38.0                      | 50.6                 | 259                       | 42.6                      |                      |                           |                           |                      |                           |                           |
| 165   | 38.1                 | 233                       | 34.1                      | 42.4                 | 243                       | 36.6                      | 48.6                 | 254                       | 41.5                      |                      |                           |                           |                      |                           |                           |
| 166   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 261                       | 42.8                      |                      |                           |                           |
| 170   | 35.6                 | 226                       | 32.9                      | 40.2                 | 237                       | 35.3                      | 46.6                 | 250                       | 39.8                      | 53.4                 | 258                       | 42.8                      |                      |                           |                           |
| 175   | 32.9                 | 218                       | 31.5                      | 37.8                 | 231                       | 34.1                      | 44.5                 | 245                       | 38.2                      | 51.5                 | 254                       | 42.3                      |                      |                           |                           |
| 180   | 30.0                 | 210                       | 29.7                      | 35.2                 | 224                       | 33.0                      | 42.3                 | 239                       | 36.7                      | 49.6                 | 250                       | 41.1                      |                      |                           |                           |
| 185   | 26.8                 | 200                       | 28.0                      | 32.5                 | 216                       | 31.4                      | 40.0                 | 233                       | 35.4                      | 47.6                 | 245                       | 40.3                      |                      |                           |                           |
| 190   | 23.2                 | 189                       | 26.2                      | 29.6                 | 208                       | 29.9                      | 37.6                 | 227                       | 34.2                      | 45.5                 | 240                       | 39.2                      |                      |                           |                           |
| 195   | 18.9                 | 176                       | 24.4                      | 26.3                 | 198                       | 28.3                      | 36.0                 | 222                       | 33.3                      | 43.3                 | 235                       | 37.6                      |                      |                           |                           |
| 200   | 15.9                 | 166                       | 23.1                      | 24.2                 | 191                       | 26.9                      | 33.3                 | 215                       | 32.4                      | 41.1                 | 229                       | 36.0                      |                      |                           |                           |
| 205   |                      |                           |                           | 20.2                 | 179                       | 25.7                      | 30.5                 | 207                       | 31.2                      | 38.7                 | 223                       | 34.7                      |                      |                           |                           |
| 210   |                      |                           |                           |                      |                           |                           | 27.4                 | 198                       | 30.1                      | 37.2                 | 219                       | 33.4                      |                      |                           |                           |
| 215   |                      |                           |                           |                      |                           |                           | 23.9                 | 187                       | 28.9                      | 34.6                 | 212                       | 33.4                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           | 19.8                 | 174                       | 27.7                      | 31.9                 | 204                       | 32.5                      |                      |                           |                           |
| 225   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 195                       | 31.5                      |                      |                           |                           |
| 230   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 186                       | 30.4                      |                      |                           |                           |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.9                 | 174                       | 29.4                      |                      |                           |                           |
| 242   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 191                       | 28.6                      |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 34.6                 | 190                       | 28.2                      |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 31.8                 | 182                       | 27.5                      |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.9                 | 173                       | 26.7                      |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 25.6                 | 163                       | 26.0                      |
| 265   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.8                 | 151                       | 25.3                      |

valid only with preface

16.7.2007



## Load capacities main boom+luffing jib

Version: 9839979/59979/  
 Degree rating: limited °  
 Foot print: 3-blocked crawlers  
 Counterweight [1000 lbs ]: 273.4  
 Carbody counterweight [1000 lbs ]: 125.7

HPT foot: 2821-1

| Radius [ft ]:   | 88 ° Main boom angle |                           |                           | 83 ° Main boom angle |                           |                           | 75 ° Main boom angle |                           |                           | 65 ° Main boom angle |                           |                           | 45 ° Main boom angle |                           |                           |
|---|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|----------------------|---------------------------|---------------------------|
|   | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] | Jib angle [°]        | Rope pulley height [ft ]: | Load capacity [1000 lbs ] |
| 105 ft Main boom<br>203 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1) |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 56  | 78.0                 | 313                       | 53.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 60  | 77.0                 | 312                       | 52.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 65  | 75.5                 | 311                       | 51.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 70  | 74.0                 | 310                       | 50.3                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 75  | 72.6                 | 308                       | 49.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 80  | 71.1                 | 306                       | 48.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 83  |                      |                           |                           | 73.0                 | 308                       | 48.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 85  | 69.5                 | 304                       | 47.2                      | 72.4                 | 307                       | 48.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 90  | 68.0                 | 302                       | 46.1                      | 70.9                 | 305                       | 48.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 95  | 66.5                 | 300                       | 45.1                      | 69.3                 | 303                       | 46.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 100   | 64.9                 | 298                       | 44.2                      | 67.8                 | 301                       | 46.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 105   | 63.3                 | 296                       | 43.4                      | 66.3                 | 299                       | 45.0                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 110   | 61.7                 | 293                       | 42.8                      | 64.7                 | 297                       | 44.1                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 115   | 60.1                 | 290                       | 42.0                      | 63.1                 | 294                       | 43.4                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 120   | 58.4                 | 287                       | 41.3                      | 61.5                 | 292                       | 42.8                      |                      |                           |                           |                      |                           |                           |                      |                           |                           |
| 124   |                      |                           |                           |                      |                           |                           | 65.0                 | 294                       | 43.8                      |                      |                           |                           |                      |                           |                           |
| 125   | 56.7                 | 284                       | 40.6                      | 59.9                 | 289                       | 42.0                      | 64.6                 | 293                       | 43.8                      |                      |                           |                           |                      |                           |                           |
| 130   | 55.0                 | 280                       | 40.0                      | 58.2                 | 286                       | 41.3                      | 63.0                 | 291                       | 43.4                      |                      |                           |                           |                      |                           |                           |
| 135   | 53.3                 | 276                       | 39.5                      | 56.5                 | 282                       | 40.6                      | 61.4                 | 288                       | 42.6                      |                      |                           |                           |                      |                           |                           |
| 140   | 51.4                 | 272                       | 39.0                      | 54.8                 | 279                       | 40.0                      | 59.7                 | 285                       | 41.9                      |                      |                           |                           |                      |                           |                           |
| 145   | 49.6                 | 268                       | 38.3                      | 53.0                 | 275                       | 39.5                      | 58.1                 | 282                       | 41.3                      |                      |                           |                           |                      |                           |                           |
| 150   | 47.7                 | 264                       | 36.9                      | 51.2                 | 271                       | 39.1                      | 56.4                 | 279                       | 40.6                      |                      |                           |                           |                      |                           |                           |
| 155   | 45.7                 | 259                       | 35.6                      | 49.3                 | 267                       | 37.9                      | 54.6                 | 275                       | 40.0                      |                      |                           |                           |                      |                           |                           |
| 160   | 43.7                 | 254                       | 34.4                      | 47.4                 | 262                       | 36.6                      | 52.9                 | 271                       | 39.4                      |                      |                           |                           |                      |                           |                           |
| 165   | 41.6                 | 248                       | 33.2                      | 45.4                 | 257                       | 35.4                      | 51.1                 | 267                       | 39.0                      |                      |                           |                           |                      |                           |                           |
| 170   | 39.4                 | 242                       | 32.2                      | 43.4                 | 252                       | 34.3                      | 49.2                 | 263                       | 38.3                      |                      |                           |                           |                      |                           |                           |
| 171   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 55.0                 | 269                       | 38.6                      |                      |                           |                           |
| 175   | 37.0                 | 236                       | 31.2                      | 41.3                 | 246                       | 33.2                      | 47.3                 | 258                       | 36.9                      | 53.7                 | 266                       | 38.6                      |                      |                           |                           |
| 180   | 34.6                 | 228                       | 30.3                      | 39.0                 | 240                       | 32.2                      | 45.3                 | 254                       | 35.7                      | 51.9                 | 262                       | 38.3                      |                      |                           |                           |
| 185   | 32.0                 | 221                       | 28.8                      | 36.7                 | 234                       | 31.3                      | 43.2                 | 248                       | 34.5                      | 50.1                 | 258                       | 37.8                      |                      |                           |                           |
| 190   | 29.1                 | 212                       | 27.2                      | 34.2                 | 226                       | 30.3                      | 41.1                 | 243                       | 33.4                      | 48.2                 | 254                       | 37.4                      |                      |                           |                           |
| 195   | 26.0                 | 202                       | 25.6                      | 31.6                 | 219                       | 28.9                      | 38.9                 | 236                       | 32.4                      | 46.2                 | 249                       | 37.0                      |                      |                           |                           |
| 200   | 22.5                 | 191                       | 24.0                      | 28.7                 | 210                       | 27.5                      | 36.5                 | 230                       | 31.5                      | 44.2                 | 244                       | 35.5                      |                      |                           |                           |
| 205   | 18.3                 | 177                       | 22.4                      | 25.5                 | 200                       | 26.1                      | 35.0                 | 225                       | 30.7                      | 42.1                 | 239                       | 34.2                      |                      |                           |                           |
| 210   |                      |                           |                           | 21.9                 | 188                       | 24.6                      | 32.4                 | 218                       | 29.6                      | 40.0                 | 233                       | 32.9                      |                      |                           |                           |
| 215   |                      |                           |                           | 19.5                 | 180                       | 23.5                      | 29.6                 | 209                       | 28.6                      | 38.5                 | 229                       | 32.0                      |                      |                           |                           |
| 220   |                      |                           |                           |                      |                           |                           | 26.6                 | 200                       | 27.6                      | 36.1                 | 222                       | 31.7                      |                      |                           |                           |
| 225   |                      |                           |                           |                      |                           |                           | 23.2                 | 189                       | 26.6                      | 33.7                 | 215                       | 31.2                      |                      |                           |                           |
| 230   |                      |                           |                           |                      |                           |                           | 19.2                 | 175                       | 25.6                      | 31.0                 | 207                       | 30.2                      |                      |                           |                           |
| 235   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.1                 | 198                       | 29.3                      |                      |                           |                           |
| 240   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.9                 | 187                       | 28.3                      |                      |                           |                           |
| 245   |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.2                 | 175                       | 27.3                      |                      |                           |                           |
| 250   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 35.0                 | 196                       | 27.2                      |
| 255   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 33.6                 | 192                       | 26.6                      |
| 260   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 30.9                 | 184                       | 25.9                      |
| 265   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 28.0                 | 175                       | 25.2                      |
| 270   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 24.8                 | 165                       | 24.5                      |
| 275   |                      |                           |                           |                      |                           |                           |                      |                           |                           |                      |                           |                           | 21.1                 | 153                       | 23.9                      |

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