

### 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.

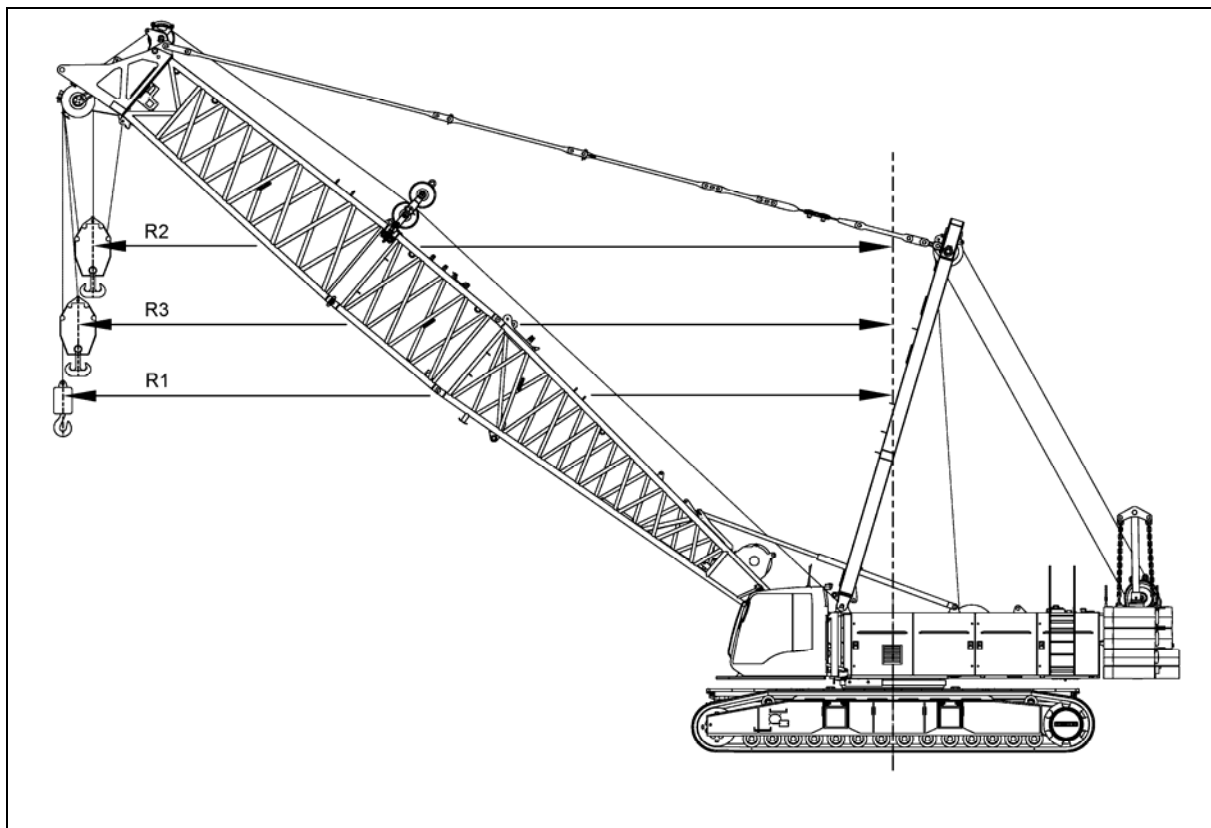
All radii which are allowed show a rated capacity, other length and radii are not approved.

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.

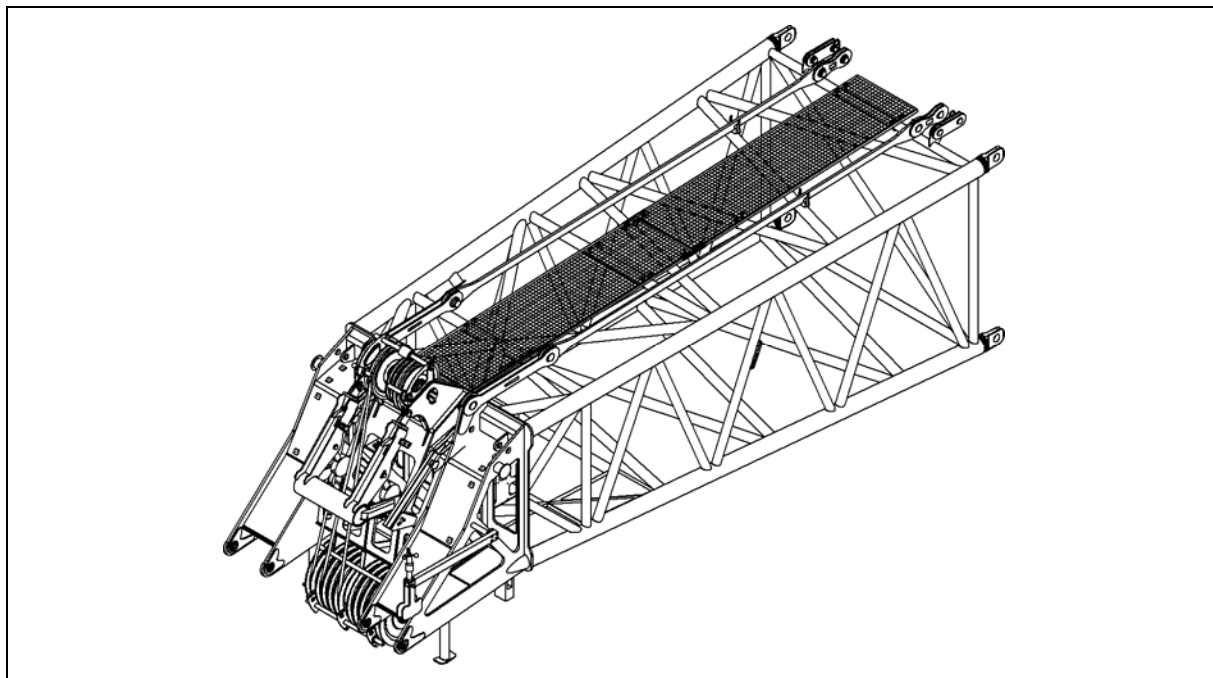
### Main boom + luffing jib

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)
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(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

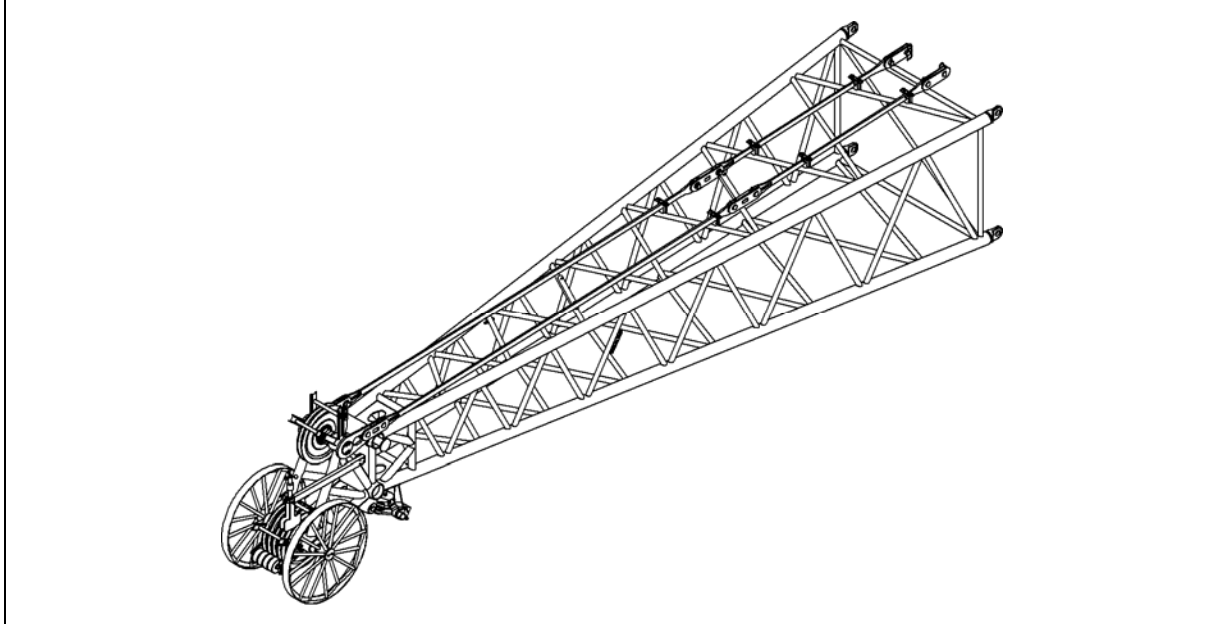
(only applicable if **load fall point boom head 2821-1** and jib type 2316 was selected in advance)

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

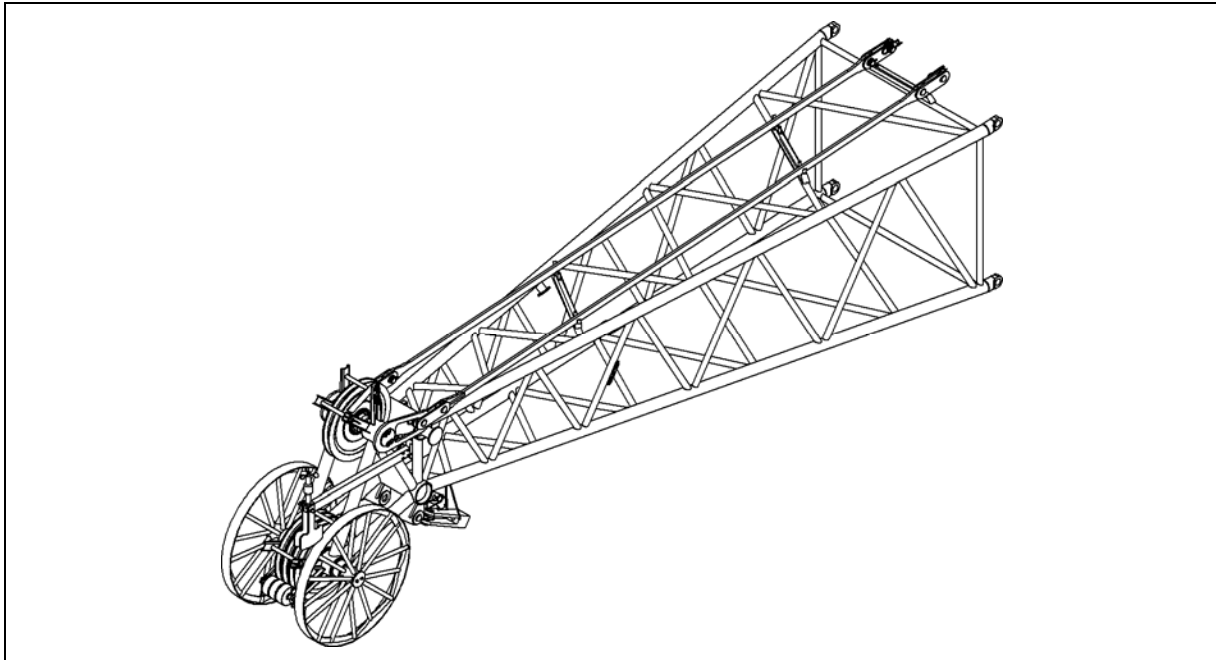
### Main boom + luffing jib

Jib head 2316-2	2316.20	33.0ft (10m)	4 rope pulleys (maximum reeving: 8)
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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)
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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)] <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)] <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 ]
125 ft Main boom 66 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
28	78.0	198	193.0												
30	76.5	198	191.7												
35	72.0	196	182.9												
40	67.2	194	175.3												
45				73.0	195	183.6									
45	62.4	192	168.1	72.9	195	183.5									
50	57.2	188	156.1	68.2	193	178.0									
55	51.7	185	145.9	63.4	191	170.4									
60	45.8	180	132.2	58.3	188	160.1									
65	39.1	174	118.9	52.9	184	149.4									
70	31.2	167	106.3	47.1	180	135.6									
70							65.0	188	66.4						
75	20.6	156	89.0	40.6	174	121.8	60.7	186	142.5						
80				33.0	167	110.6	55.4	182	133.8						
85				23.2	157	95.5	49.8	178	126.3						
90							43.7	173	118.4						
95							36.7	167	112.3						
100							28.1	159	103.2						
101										55.0	174	66.4			
105										50.5	171	94.5			
110										44.5	166	89.3			
115										37.6	160	84.6			
120										29.3	152	80.4			
152													35.0	131	53.9
155													28.7	125	52.4
160													19.2	115	50.3

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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  
 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 ]
125 ft Main boom 76 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
30	78.0	208	177.6												
35	74.4	206	172.3												
40	70.4	205	163.1												
45	66.3	203	154.0												
48				73.0	205	167.8									
50	62.0	200	146.6	71.2	204	166.2									
55	57.5	197	136.6	67.1	202	157.5									
60	52.8	193	128.2	62.9	199	149.1									
65	47.8	189	119.0	58.5	196	140.1									
70	42.3	184	108.2	53.8	193	131.4									
75							65.0	197	66.4						
75	36.1	177	100.1	48.8	189	122.2	64.8	197	139.1						
80	28.7	169	88.9	43.5	184	110.7	60.5	194	132.5						
85	18.7	157	75.6	37.4	178	102.2	56.0	191	124.9						
90				30.4	170	92.3	51.2	187	117.9						
95				21.2	159	81.0	46.0	182	110.4						
100							40.3	177	103.5						
105							33.8	170	97.3						
106										55.0	182	66.4			
110							25.8	161	89.1	51.8	179	88.9			
115										46.7	175	84.3			
120										41.1	170	80.0			
125										34.7	163	76.2			
130										26.9	154	72.6			
160													35.0	137	50.1
160													34.3	136	50.0
165													26.3	127	48.1
170													17.4	116	46.3

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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  
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 ]
125 ft Main boom 85 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
32	78.0	217	164.7												
35	76.2	217	163.2												
40	72.7	215	155.2												
45	69.2	213	146.4												
50	65.5	211	136.1												
51				73.0	214	154.8									
55	61.7	208	128.8	69.9	213	148.9									
60	57.8	205	120.4	66.2	210	139.6									
65	53.6	202	113.4	62.5	208	131.4									
70	49.3	198	107.2	58.6	205	123.5									
75	44.6	193	98.5	54.5	202	116.4									
79							65.0	206	66.4						
80	39.4	187	91.2	50.2	198	110.1	64.2	205	129.9						
85	33.6	180	86.0	45.6	193	100.8	60.4	203	123.2						
90	26.7	171	76.2	40.5	187	93.0	56.4	199	116.6						
95	17.2	158	66.1	34.9	180	88.0	52.2	196	110.2						
100				28.2	172	79.4	47.7	191	103.9						
105							42.9	186	96.5						
110							37.6	180	90.9						
112										55.0	190	66.4			
115							31.5	172	85.3	52.7	188	84.2			
120							23.9	162	78.0	48.3	184	80.0			
125										43.5	179	76.2			
130										38.3	173	72.7			
135										32.3	165	69.4			
140										23.4	154	66.4			
168													35.0	143	47.2
170													31.9	139	46.4
175													24.3	129	44.7
180													18.5	120	33.4

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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 ]
125 ft Main boom 95 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
34	78.0	227	149.1												
35	77.7	227	149.1												
40	74.6	226	143.9												
45	71.4	224	135.6												
50	68.2	222	128.4												
54				73.0	224	138.6									
55	64.9	220	120.4	72.1	223	138.5									
60	61.5	217	114.8	68.8	221	130.8									
65	57.9	214	107.5	65.6	219	123.4									
70	54.3	210	101.4	62.2	216	117.1									
75	50.4	206	96.6	58.7	213	110.3									
80	46.3	202	89.9	55.0	210	104.0									
83							65.0	215	66.4						
85	41.9	196	83.8	51.2	206	99.2	63.7	214	119.7						
90	37.0	190	78.9	47.2	202	92.1	60.3	211	113.3						
95	31.5	182	73.1	42.8	196	85.6	56.7	208	107.4						
100	24.9	173	65.5	38.1	190	80.7	53.0	204	101.4						
105				32.7	183	75.4	49.1	200	96.5						
110				26.4	174	68.5	44.9	195	89.5						
115							40.3	190	83.9						
118										55.0	198	66.4			
120							35.3	183	79.8	53.5	197	79.6			
125							29.5	175	74.0	49.6	192	75.8			
130							22.3	164	68.1	45.4	188	72.3			
135										40.9	182	69.1			
140										35.1	174	66.1			
145										29.2	166	63.3			
150										23.3	157	60.8			
176													35.0	148	44.1
180													29.9	141	42.8
185													22.7	130	41.3
190													17.1	121	33.4

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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 ]
125 ft Main boom 105 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
37	78.0	236	136.9												
40	76.1	236	134.9												
45	73.2	234	128.3												
50	70.3	232	121.4												
55	67.4	230	115.1												
56				73.0	233	126.5									
60	64.4	228	108.9	70.9	232	124.2									
65	61.3	225	104.2	68.0	230	117.9									
70	58.1	222	97.7	65.0	228	111.4									
75	54.8	219	92.3	61.9	225	106.4									
80	51.3	215	87.9	58.7	222	100.3									
85	47.7	211	82.8	55.5	219	94.6									
87							65.0	224	66.4						
90	43.8	206	77.6	52.0	215	90.1	63.3	222	110.8						
95	39.6	200	73.0	48.4	210	84.7	60.2	220	104.6						
100	35.0	193	69.4	44.6	206	79.2	57.0	216	99.5						
105	29.8	185	63.5	40.5	200	74.3	53.6	213	93.9						
110	23.4	174	57.4	36.0	193	70.8	50.1	209	89.7						
115				30.9	186	65.6	46.4	204	83.6						
120				24.9	176	60.1	42.4	199	77.9						
123										55.0	206	66.4			
125							38.1	193	73.7	54.1	205	75.6			
130							33.3	186	69.8	50.6	201	72.1			
135							27.8	177	65.1	46.9	197	68.9			
140							20.9	165	60.3	42.9	192	65.9			
145										38.0	184	63.2			
150										34.0	178	60.7			
155										28.5	170	58.3			
160										20.4	156	56.0			
184													35.0	154	41.5
185													34.5	153	41.2
190													28.2	143	39.8
195													21.3	132	38.5
200													15.9	122	33.4

valid only with preface

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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 ]
125 ft Main boom 115 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
39	78.0	246	121.9												
40	77.3	246	121.9												
45	74.7	244	116.9												
50	72.1	243	111.2												
55	69.4	241	106.6												
59				73.0	242	110.4									
60	66.7	239	100.9	72.6	242	110.4									
65	64.0	237	96.1	70.0	240	106.6									
70	61.1	234	92.2	67.3	238	102.0									
75	58.2	231	86.6	64.5	236	96.6									
80	55.2	228	81.7	61.7	233	92.7									
85	52.0	224	77.7	58.8	230	87.4									
90	48.8	219	73.9	55.8	227	82.6									
91							65.0	233	66.4						
95	45.3	215	69.8	52.7	223	78.6	63.0	231	97.9						
100	41.6	209	66.0	49.5	219	74.8	60.2	228	92.7						
105	37.6	203	62.7	46.0	214	70.6	57.2	225	88.2						
110	33.2	196	59.4	42.4	209	66.8	54.2	221	83.2						
115	28.2	187	54.8	38.5	203	63.5	51.0	217	79.3						
120	22.1	176	50.2	34.2	196	60.3	47.6	213	75.1						
125				29.3	188	56.3	44.1	208	70.8						
129										55.0	214	66.4			
130				23.5	177	52.4	40.3	202	66.9	54.5	214	71.6			
135							36.2	196	63.6	51.4	210	68.4			
140							31.6	188	60.2	47.7	205	65.5			
145							26.3	179	56.8	44.1	200	62.8			
150							19.7	166	53.3	40.8	195	60.3			
155										36.1	188	57.9			
160										31.4	180	55.7			
165										27.1	172	53.7			
170										19.2	157	51.7			
192													35.0	160	38.9
195													32.0	154	38.1
200													26.7	145	36.9
205													21.4	135	35.8

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 ]
125 ft Main boom 125 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
41	78.0	256	110.4												
45	75.9	255	108.2												
50	73.5	253	103.9												
55	71.1	252	99.0												
60	68.7	250	95.4												
62				73.0	252	98.6									
65	66.2	248	90.5	71.6	251	98.1									
70	63.6	245	86.7	69.2	249	94.0									
75	61.0	242	83.3	66.7	247	90.1									
80	58.3	239	78.3	64.1	244	85.8									
85	55.5	236	73.8	61.5	242	82.7									
90	52.7	232	70.1	58.9	239	77.9									
95	49.7	228	67.0	56.1	236	73.7									
96							65.0	242	66.4						
100	46.6	224	63.4	53.3	232	70.2	62.7	239	88.1						
105	43.3	218	60.1	50.3	228	67.2	60.1	236	83.4						
110	39.7	212	57.2	47.2	223	63.7	57.4	233	79.5						
115	35.9	206	54.6	43.9	218	60.5	54.6	230	75.0						
120	31.7	198	51.5	40.5	213	57.7	51.7	226	71.5						
125	26.9	189	48.1	36.7	206	55.2	48.7	222	68.3						
130	21.0	177	44.6	32.6	199	52.5	45.5	217	64.7						
134										55.0	222	66.4			
135				27.9	190	49.5	42.1	212	61.5	54.9	222	68.3			
140				22.3	179	46.6	38.5	206	58.6	51.8	218	65.4			
145							34.5	198	56.1	48.7	214	62.7			
150							30.2	190	53.4	45.9	210	60.2			
155							25.1	180	50.6	42.1	204	57.8			
160							18.6	168	47.9	38.4	197	55.6			
165										34.4	190	53.6			
170										30.7	183	51.7			
175										25.7	174	49.9			
180										18.1	158	48.1			
200													35.0	165	36.8
200													34.9	165	36.8
205													30.5	157	35.7
210													25.3	147	34.6
215													20.3	137	33.6

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 ]
125 ft Main boom 134 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
43	78.0	265	100.3												
45	77.0	265	100.2												
50	74.8	264	96.1												
55	72.6	262	92.1												
60	70.3	260	88.2												
65	68.0	258	84.6	73.0	261	90.5									
70	65.7	256	80.4	70.8	260	88.6									
75	63.3	254	77.0	68.5	258	84.9									
80	60.9	251	74.0	66.2	255	81.0									
85	58.4	248	69.6	63.8	253	77.2									
90	55.8	244	65.7	61.4	250	74.4									
95	53.2	241	62.4	58.9	247	70.1									
100							65.0	250	66.4						
100	50.5	237	59.7	56.4	244	66.3	64.9	250	80.1						
105	47.6	232	56.7	53.7	240	63.1	62.5	248	78.3						
110	44.6	227	53.8	51.0	236	60.5	60.1	245	74.0						
115	41.4	222	51.1	48.2	232	57.4	57.5	242	70.7						
120	38.0	216	48.7	45.2	227	54.5	55.0	238	66.8						
125	34.4	209	46.6	42.1	222	51.9	52.3	235	63.5						
130	30.3	201	44.2	38.8	216	49.5	49.5	230	61.0						
135	25.6	191	41.7	35.2	209	47.5	46.6	226	57.8						
140	20.0	178	39.2	31.2	201	45.2	43.6	221	54.9						
140										55.0	230	61.4			
145				26.7	192	42.9	40.3	215	52.3	52.6	227	62.3			
150				21.3	180	40.6	36.9	209	50.1	49.9	223	59.8			
155							33.1	201	48.0	47.0	218	57.4			
160							28.8	193	45.8	44.0	213	55.1			
165							23.9	182	43.6	40.7	208	52.6			
170							17.7	168	41.3	37.3	201	50.5			
175										33.6	194	48.7			
180										29.4	186	46.8			
185										24.6	176	45.0			
190										18.6	162	43.0			
208													35.0	171	34.6
210													33.4	168	34.2
215													30.8	162	33.2
220													26.2	153	32.2
225													20.7	141	31.3

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  
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 ]
125 ft Main boom 144 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
45	78.0	275	91.8												
45	77.9	275	91.8												
50	75.8	274	89.7												
55	73.8	272	86.7												
60	71.7	271	82.5												
65	69.6	269	79.4												
68				73.0	271	83.8									
70	67.4	267	75.7	72.1	270	83.8									
75	65.3	265	72.1	70.0	268	80.6									
80	63.0	262	69.1	67.9	266	77.6									
85	60.8	259	66.3	65.7	264	73.6									
90	58.5	256	62.5	63.5	262	70.3									
95	56.1	253	59.0	61.2	259	67.7									
100	53.6	249	56.1	58.9	256	63.8									
104							65.0	259	66.4						
105	51.1	246	53.6	56.6	253	60.3	64.5	259	72.2						
110	48.5	241	51.0	54.1	249	57.4	62.3	256	70.2						
115	45.7	236	48.5	51.6	245	55.0	60.0	254	66.4						
120	42.9	231	46.1	49.0	241	52.3	57.7	250	63.4						
125	39.8	225	43.9	46.3	236	49.7	55.3	247	59.9						
130	36.6	219	41.9	43.5	231	47.2	52.8	243	57.0						
135	33.0	211	40.2	40.5	225	45.0	50.2	239	54.7						
140	29.1	203	38.5	37.2	219	43.0	47.6	235	52.1						
145	24.6	193	36.7	33.8	212	41.3	44.8	230	49.5						
146										55.0	238	55.7			
150	19.0	180	34.9	29.9	204	39.5	41.9	224	47.2	53.1	236	58.0			
155				25.6	194	37.7	38.8	218	45.1	50.6	232	55.3			
160				20.3	182	35.9	35.4	212	43.3	47.9	227	52.8			
165							31.7	204	41.5	45.2	222	50.6			
170							27.7	195	39.8	42.2	217	48.2			
175							22.9	184	37.9	39.2	211	46.0			
180							16.8	169	36.1	35.8	204	44.2			
185										32.2	197	42.6			
190										28.2	188	40.9			
195										23.5	177	39.2			
200										17.7	163	37.4			
216													35.0	176	32.7
220													33.4	173	32.0
225													29.5	165	31.1
230													25.1	155	30.2
235													19.8	142	29.3

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 ]
125 ft Main boom 154 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
47	78.0	285	82.8												
50	76.8	284	82.4												
55	74.9	283	79.6												
60	72.9	281	77.0												
65	70.9	279	74.3												
70	69.0	278	72.4												
71				73.0	280	76.2									
75	66.9	275	69.6	71.4	279	75.5									
80	64.9	273	67.2	69.4	277	72.9									
85	62.8	271	65.2	67.4	275	70.9									
90	60.7	268	63.3	65.3	272	68.2									
95	58.5	265	60.6	63.2	270	66.1									
100	56.3	262	58.1	61.1	267	64.3									
105	54.0	258	56.0	59.0	264	61.6									
108							65.0	268	65.2						
110	51.7	254	54.1	56.8	261	59.1	64.2	267	66.1						
115	49.2	250	52.1	54.5	258	57.0	62.1	265	64.7						
120	46.7	245	49.5	52.2	254	55.2	60.0	262	62.6						
125	44.1	240	47.1	49.7	250	53.0	57.8	259	60.8						
130	41.3	235	44.8	47.2	245	50.3	55.6	256	58.2						
135	38.4	228	42.7	44.6	240	47.9	53.2	252	55.9						
140	35.2	222	40.9	41.9	235	45.6	50.6	247	54.0						
145	31.8	214	38.9	39.0	229	43.5	48.4	243	51.9						
150	28.0	205	36.8	35.9	222	41.7	45.8	239	49.4						
152										55.0	246	55.5			
155	23.6	194	34.7	32.5	214	39.8	43.2	234	47.0	53.5	244	56.5			
160	18.2	181	32.5	28.8	206	37.8	40.3	228	44.9	51.2	240	54.3			
165				24.5	196	35.8	37.3	221	43.0	48.7	236	51.8			
170				19.4	183	33.8	34.1	214	41.3	46.2	231	50.0			
175							30.6	206	39.6	43.5	226	47.7			
180							26.6	197	37.8	40.7	220	45.5			
185							21.9	185	36.1	37.7	214	43.7			
190							16.0	170	34.2	34.5	207	42.1			
195										31.0	199	40.6			
200										27.1	190	39.0			
205										22.6	179	37.4			
224													35.0	182	30.8
225													34.3	181	30.6
230													32.2	176	29.8
235													28.4	167	28.9
240													24.1	156	28.1
245													18.9	143	27.3

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 ]
125 ft Main boom 164 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
49	78.0	294	76.2												
50	77.6	294	76.2												
55	75.8	293	74.7												
60	74.0	291	72.8												
65	72.1	290	70.7												
70	70.3	288	69.0												
74				73.0	289	70.9									
75	68.4	286	67.5	72.5	289	70.9									
80	66.5	284	65.8	70.7	287	69.7									
85	64.6	282	64.3	68.8	285	67.9									
90	62.6	279	63.0	66.9	283	66.5									
95	60.6	276	61.7	65.0	281	64.9									
100	58.6	273	59.8	63.0	278	63.6									
105	56.4	270	58.0	61.0	276	62.5									
110	54.2	266	56.8	59.0	273	60.6									
112							65.0	277	63.3						
115	52.0	262	55.7	56.8	269	58.8	63.9	276	64.1						
120	49.7	258	54.4	54.6	266	57.6	62.0	273	63.1						
125	47.3	254	51.7	52.4	262	56.6	59.9	270	61.9						
130	44.8	249	49.1	50.1	258	55.1	57.9	267	60.8						
135	42.2	243	46.7	47.8	253	52.4	55.8	264	58.6						
140	39.5	237	44.4	45.3	248	49.7	53.5	260	56.9						
145	36.6	231	42.4	42.8	243	47.3	51.2	256	55.6						
150	33.5	223	40.5	40.1	237	45.0	48.9	252	54.1						
155	30.1	215	38.0	37.2	231	43.0	46.5	247	51.4						
157										55.0	255	55.2			
160	27.0	207	35.6	34.1	224	41.1	44.0	242	48.8	53.7	252	54.4			
165	22.7	196	33.2	30.8	216	38.9	41.3	236	46.5	51.5	248	52.4			
170	17.4	182	30.8	27.1	206	36.7	38.6	230	44.4	49.2	244	50.5			
175				22.8	195	34.5	35.6	223	42.6	47.1	240	48.8			
180				18.6	184	32.3	32.4	216	40.7	44.3	234	47.1			
185							28.8	207	38.9	41.7	229	45.5			
190							24.9	197	37.1	38.9	223	44.0			
195							20.1	184	35.2	36.0	216	42.6			
200							16.7	175	33.3	32.8	209	41.2			
205										29.3	200	39.6			
210										25.4	190	38.1			
215										20.8	178	36.5			
232													35.0	188	29.2
235													34.3	186	28.8
240													31.0	178	28.0
245													27.4	169	27.2
250													23.2	158	26.5
255													18.1	144	25.8

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 ]
125 ft Main boom 174 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
51	78.0	304	69.4												
55	76.6	303	68.8												
60	74.9	302	67.0												
65	73.2	300	65.5												
70	71.4	298	63.8												
75	69.7	297	62.5												
76				73.0	299	64.5									
80	67.9	295	61.2	71.8	298	64.5									
85	66.1	292	59.7	70.1	296	62.9									
90	64.3	290	58.5	68.3	294	61.6									
95	62.4	288	57.5	66.5	292	60.3									
100	60.6	285	56.4	64.7	290	59.0									
105	58.6	282	54.8	62.8	287	58.0									
110	56.5	278	53.4	60.9	284	57.0									
115	54.5	275	52.4	59.0	281	55.5									
116							65.0	286	57.6						
120	52.4	271	51.5	57.1	278	54.2	63.7	284	58.4						
125	50.3	267	50.7	54.9	274	53.0	61.8	282	57.4						
130	48.1	262	48.5	52.8	271	52.1	59.9	279	56.4						
135	45.8	258	46.2	50.7	266	51.3	58.0	276	55.5						
140	43.4	252	44.0	48.5	262	48.9	56.0	272	53.9						
145	40.9	247	42.0	46.2	257	46.6	53.8	269	52.4						
150	38.2	240	40.1	43.9	252	44.4	51.7	265	51.5						
155	35.4	234	38.4	41.4	247	42.4	49.5	260	50.7						
160	32.4	226	36.5	38.8	241	40.6	47.3	256	48.3						
163										55.0	263	50.8			
165	29.0	217	34.4	36.0	234	39.0	45.0	251	46.0	54.2	261	51.3			
170	26.0	209	32.3	33.0	226	37.2	42.5	246	43.8	52.0	257	50.1			
175	21.9	197	30.2	29.8	218	35.2	40.0	240	41.9	50.0	253	48.4			
180	16.7	183	28.0	26.1	208	33.3	37.3	233	40.1	47.6	248	46.7			
185				22.8	199	31.4	34.4	226	38.6	45.3	244	45.1			
190				17.9	185	29.5	31.3	218	37.0	42.8	238	43.6			
195							27.9	209	35.4	40.3	232	41.7			
200							24.0	198	33.7	37.6	226	40.1			
205							19.3	185	32.1	34.8	219	38.7			
210										31.7	211	37.4			
215										28.3	202	36.1			
220										24.5	192	34.7			
225										20.0	179	33.3			
240													35.0	193	27.5
245													33.2	189	26.8
250													30.0	180	26.1
255													26.5	171	25.4
260													22.4	160	24.7
265													17.4	145	24.0

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 ]
125 ft Main boom 184 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
53	78.0	314	63.6												
55	77.3	313	63.6												
60	75.7	312	62.2												
65	74.1	310	60.8												
70	72.5	309	59.4												
75	70.8	307	58.1												
79				73.0	308	59.2									
80	69.2	305	57.2	72.8	308	59.2									
85	67.5	303	55.9	71.2	306	58.6									
90	65.8	301	54.7	69.5	305	57.3									
95	64.0	299	53.7	67.8	303	56.4									
100	62.3	296	52.8	66.1	300	55.2									
105	60.5	293	51.9	64.4	298	54.1									
110	58.7	290	50.7	62.6	296	53.3									
115	56.8	287	49.7	60.9	293	52.5									
120	54.8	283	48.7	59.1	290	51.4									
120							65.0	295	52.9						
125	52.8	280	48.0	57.2	287	50.3	63.5	293	53.6						
130	50.8	276	47.4	55.3	283	49.4	61.7	290	52.7						
135	48.7	271	45.9	53.4	280	48.6	59.9	287	51.8						
140	46.6	266	43.8	51.4	276	47.9	58.1	284	51.1						
145	44.3	261	41.8	49.4	271	46.2	56.2	281	49.9						
150	42.0	256	40.0	47.3	267	44.1	54.3	277	48.8						
155	39.6	250	38.2	44.8	261	42.1	52.2	273	48.0						
160	37.0	243	36.6	42.5	256	40.3	50.1	269	47.4						
165	34.3	236	35.2	40.1	250	38.6	48.0	265	45.7						
168										55.0	271	47.2			
170	31.8	230	33.4	37.6	244	37.1	45.8	260	43.6	54.5	270	47.7			
175	28.7	221	31.5	34.9	237	35.7	43.6	255	41.7	52.6	266	47.5			
180	25.2	211	29.6	32.0	229	34.0	41.2	249	39.9	50.6	262	46.3			
185	21.1	199	27.7	29.4	222	32.3	38.8	243	38.2	48.3	257	44.5			
190	16.1	183	25.8	25.9	212	30.6	36.1	236	36.8	46.1	252	43.4			
195				22.0	200	28.9	33.3	229	35.4	43.9	247	41.7			
200				18.4	189	27.5	30.3	220	33.9	41.5	242	39.9			
205							27.0	211	32.5	39.1	236	38.3			
210							23.2	200	31.1	36.5	229	36.8			
215							20.6	192	29.9	33.7	222	35.6			
220										30.7	214	34.4			
225										27.4	204	33.2			
230										23.7	193	32.0			
235										21.1	186	31.1			
248													35.0	199	26.0
250													34.0	196	25.8
255													32.2	191	25.1
260													29.1	183	24.4
265													25.6	173	23.7
270													21.6	161	23.1
275													16.7	146	22.4

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 ]
125 ft Main boom 194 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
55	78.0	323	56.9												
60	76.5	322	56.3												
65	75.0	321	54.9												
70	73.4	319	53.7												
75	71.8	318	52.4												
80	70.3	316	51.3												
82				73.0	318	52.7									
85	68.7	314	50.5	72.2	317	52.6									
90	67.1	312	49.3	70.6	315	51.7									
95	65.4	310	48.3	69.0	313	50.6									
100	63.8	307	47.5	67.4	311	49.7									
105	62.1	304	46.7	65.8	309	48.7									
110	60.4	302	46.0	64.1	306	47.8									
115	58.6	298	45.2	62.4	304	47.1									
120	56.8	295	44.4	60.7	301	46.4									
125							65.0	304	47.5						
125	55.0	292	43.7	59.0	298	45.5	64.9	304	47.5						
130	53.2	288	43.1	57.2	295	44.8	63.2	301	47.4						
135	51.3	284	42.6	55.4	291	44.1	61.5	299	46.6						
140	49.3	280	41.7	53.6	288	43.4	59.8	296	45.8						
145	47.3	275	40.0	51.7	284	42.9	58.0	293	45.2						
150	45.2	270	38.5	49.7	280	41.8	56.2	289	44.4						
155	43.1	265	37.0	47.7	275	40.2	54.4	286	43.7						
160	40.8	259	35.6	45.7	270	38.7	52.5	282	43.0						
165	38.4	253	34.3	43.5	265	37.3	50.6	278	42.5						
170	35.9	246	33.2	41.3	259	36.0	48.7	273	41.5						
174										55.0	279	42.1			
175	33.3	239	31.9	38.9	253	34.8	46.6	269	39.9	54.6	278	42.1			
180	30.4	231	30.2	36.5	247	33.7	44.5	264	38.4	52.8	274	41.9			
185	27.3	221	28.5	33.8	239	32.4	42.3	258	37.0	50.9	270	41.3			
190	23.7	210	26.8	31.0	231	30.9	40.0	252	35.7	48.9	266	40.5			
195	19.6	197	25.0	27.9	222	29.3	37.6	246	34.6	46.9	261	39.8			
200	16.7	188	23.1	24.5	212	27.8	35.1	239	33.5	44.8	256	38.7			
205				20.5	199	26.2	33.4	234	32.2	42.6	251	37.2			
210							30.5	226	31.1	40.3	245	35.8			
215							27.4	217	30.1	37.9	239	34.6			
220							24.0	206	29.0	35.4	232	33.5			
225							19.9	194	27.9	33.7	227	33.2			
230										30.9	219	32.2			
235										27.8	210	31.2			
240										24.4	200	30.2			
245										20.4	187	29.2			
256													35.0	205	24.2
260													34.0	202	23.8
265													31.2	194	23.2
270													28.2	185	22.5
275													24.8	175	21.9
280													20.9	162	21.3
285													16.1	147	20.7

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 ]
125 ft Main boom 203 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
57	78.0	333	52.1												
60	77.2	332	52.1												
65	75.7	331	50.7												
70	74.2	330	49.5												
75	72.8	328	48.4												
80	71.3	326	47.3												
85	69.8	324	46.5												
85				73.0	327	48.0									
90	68.2	322	45.6	71.6	326	47.7									
95	66.7	320	44.5	70.1	324	46.6									
100	65.1	318	43.7	68.5	322	45.7									
105	63.5	316	42.9	67.0	320	44.9									
110	61.9	313	42.3	65.5	317	44.0									
115	60.3	310	41.6	63.9	315	43.2									
120	58.7	307	40.9	62.3	312	42.5									
125	57.0	304	40.2	60.7	310	41.9									
129							65.0	313	43.0						
130	55.3	300	39.6	59.0	306	41.1	64.6	312	43.0						
135	53.5	297	39.1	57.3	303	40.5	63.0	310	42.7						
140	51.7	293	38.6	55.6	300	39.8	61.4	307	42.0						
145	49.9	288	38.1	53.9	296	39.3	59.8	304	41.3						
150	48.0	284	36.8	52.1	292	38.8	58.1	301	40.8						
155	46.0	279	35.6	50.2	288	38.1	56.4	298	40.1						
160	44.0	274	34.4	48.3	284	36.9	54.7	294	39.5						
165	41.9	269	33.3	46.4	279	35.8	52.9	290	38.9						
170	39.7	263	32.3	44.4	274	34.7	51.1	286	38.5						
175	37.4	256	31.3	42.3	269	33.7	49.2	282	37.9						
180										55.0	287	37.8			
180	34.9	249	30.5	40.1	263	32.7	47.3	278	36.7	54.9	287	37.8			
185	32.3	242	29.1	37.8	256	31.9	45.3	273	35.6	53.1	283	37.8			
190	29.5	233	27.6	35.4	250	31.1	43.3	267	34.5	51.3	279	37.4			
195	26.5	223	26.1	32.9	242	29.8	41.1	262	33.5	49.5	275	37.0			
200	23.0	212	24.5	30.1	234	28.4	38.9	256	32.6	47.5	270	36.6			
205	18.9	198	23.0	27.1	224	27.0	36.6	249	31.8	45.6	265	36.1			
210				23.7	213	25.6	34.1	242	30.9	43.5	260	34.9			
215				19.8	200	24.2	31.4	234	29.7	41.4	254	33.7			
220							28.5	225	28.6	39.2	248	32.7			
225							25.3	215	27.4	37.7	244	32.1			
230							23.2	208	26.3	35.3	237	31.8			
235							19.3	195	25.6	32.8	230	31.2			
240										30.0	222	30.2			
245										27.0	212	29.2			
250										23.7	201	28.2			
255										19.8	188	27.2			
264													35.0	210	22.9
265													34.7	209	22.9
270													33.1	205	22.3
275													30.3	196	21.7
280													27.4	187	21.1
285													24.1	176	20.5
290													20.2	164	19.9
295													15.5	148	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 ]
125 ft Main boom 213 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
59	78.0	342	47.8												
60	77.8	342	47.8												
65	76.4	341	47.2												
70	75.0	340	46.0												
75	73.6	338	45.1												
80	72.2	337	44.0												
85	70.7	335	43.1												
88				73.0	336	44.0									
90	69.3	333	42.5	72.5	336	44.0									
95	67.8	331	41.6	71.0	334	43.5									
100	66.4	329	40.7	69.6	332	42.5									
105	64.9	326	40.0	68.1	330	41.8									
110	63.4	324	39.3	66.7	328	41.0									
115	61.8	321	38.8	65.2	326	40.2									
120	60.3	318	38.1	63.7	323	39.5									
125	58.7	316	37.4	62.1	321	38.9									
130	57.1	312	36.8	60.6	318	38.3									
133							65.0	322	39.3						
135	55.5	309	36.2	59.0	315	37.6	64.4	321	39.3						
140	53.8	305	35.6	57.4	312	37.0	62.9	318	39.0						
145	52.1	301	35.1	55.8	308	36.4	61.3	316	38.4						
150	50.3	297	34.7	54.1	305	35.9	59.8	313	37.8						
155	48.5	293	33.8	52.4	301	35.4	58.2	310	37.3						
160	46.7	288	32.8	50.7	297	35.0	56.5	306	36.7						
165	44.8	283	31.9	48.9	293	34.0	54.9	303	36.2						
170	42.8	278	31.0	47.1	288	33.1	53.2	299	35.7						
175	40.8	272	30.1	45.2	283	32.2	51.5	295	35.3						
180	38.6	266	29.4	43.2	278	31.3	49.7	291	34.9						
185	36.4	259	28.6	41.2	272	30.5	47.9	286	34.0						
185										55.0	295	34.5			
190	34.0	252	27.9	39.1	266	29.8	46.1	282	33.0	53.4	292	34.5			
195	31.5	244	26.5	36.8	260	29.1	44.1	276	32.1	51.7	288	34.3			
200	28.7	235	25.1	34.5	252	28.3	42.1	271	31.3	50.0	283	33.8			
205	25.7	225	23.7	32.0	244	27.1	40.1	265	30.5	48.2	279	33.5			
210	22.3	214	22.3	29.3	236	25.8	37.9	259	29.8	46.3	274	33.2			
215	18.3	200	20.9	26.3	226	24.6	35.6	252	29.1	44.4	269	32.3			
220				23.0	215	23.3	33.2	244	28.2	42.4	264	31.3			
225				19.2	202	22.0	30.6	236	27.1	40.3	258	30.4			
230							27.7	227	26.1	38.2	252	29.6			
235							24.6	216	25.0	36.7	247	29.0			
240							21.1	204	24.0	34.4	240	28.6			
245							18.7	196	23.3	31.9	232	27.9			
250										29.2	224	27.1			
255										26.3	214	26.3			
260										23.0	203	25.5			
265										19.2	190	24.7			
272													35.0	216	21.3
275													34.6	215	21.1
280													32.2	207	20.5
285													29.5	199	19.9
290													26.6	189	19.4
295													23.4	178	18.8
300													19.6	165	18.3

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 ]
125 ft Main boom 223 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
61	78.0	352	44.1												
65	77.0	351	44.1												
70	75.7	350	43.1												
75	74.3	349	42.2												
80	73.0	347	41.3												
85	71.6	345	40.4												
90	70.3	344	39.7												
91				73.0	346	40.7									
95	68.9	342	39.1	71.9	345	40.7									
100	67.5	340	38.3	70.5	343	39.9									
105	66.1	337	37.6	69.2	341	39.1									
110	64.6	335	36.9	67.8	339	38.5									
115	63.2	332	36.4	66.4	337	37.7									
120	61.7	330	35.9	64.9	334	37.0									
125	60.2	327	35.3	63.5	332	36.4									
130	58.7	324	34.6	62.0	329	35.9									
135	57.2	321	33.9	60.5	326	35.4									
137							65.0	331	36.2						
140	55.6	317	33.4	59.0	324	34.7	64.2	329	36.2						
145	54.0	314	32.8	57.5	320	34.1	62.7	327	35.9						
150	52.4	310	32.3	56.0	317	33.6	61.2	324	35.3						
155	50.8	306	31.9	54.4	313	33.1	59.7	321	34.8						
160	49.1	302	31.3	52.8	310	32.7	58.2	318	34.4						
165	47.3	297	30.5	51.1	306	32.3	56.7	315	33.9						
170	45.5	292	29.7	49.4	301	31.5	55.1	311	33.4						
175	43.7	287	29.0	47.7	297	30.8	53.5	308	32.9						
180	41.7	281	28.3	45.9	292	30.0	51.9	304	32.6						
185	39.7	275	27.7	44.0	287	29.3	50.2	300	32.2						
190	37.6	269	27.1	42.1	281	28.7	48.5	295	31.6						
191										55.0	303	31.8			
195	35.4	262	26.6	40.1	276	28.1	46.7	290	30.8	53.7	300	31.8			
200	33.1	255	25.7	38.1	269	27.5	44.9	286	30.1	52.1	296	31.5			
205	30.6	246	24.4	35.9	262	27.0	43.0	280	29.3	50.4	292	31.2			
210	28.0	237	23.1	33.6	255	26.1	41.1	274	28.7	48.7	288	30.8			
215	25.0	227	21.8	31.2	247	24.9	39.0	268	28.1	46.9	283	30.5			
220	21.7	215	20.5	28.5	238	23.8	36.9	262	27.5	45.1	278	30.0			
225	17.8	201	19.1	25.6	228	22.6	34.7	255	26.9	43.3	273	29.2			
230				22.4	216	21.4	32.3	247	25.9	41.3	267	28.5			
235				18.6	203	20.2	29.8	238	25.0	39.3	261	27.9			
240							27.0	229	24.0	37.2	255	27.3			
245							24.0	218	23.1	35.0	248	26.8			
250							20.5	206	22.1	32.6	240	26.1			
255							18.1	197	21.4	30.1	232	25.3			
260										28.5	226	24.6			
265										25.6	216	24.0			
270										22.4	204	23.3			
275										18.6	191	22.7			
280													35.0	222	20.0
285													33.8	218	19.6
290													31.3	210	19.0
295															
300													28.7	201	18.5
305													25.9	191	18.0
310													22.7	180	17.4
													19.0	166	16.9

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 ]
125 ft Main boom 233 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
63	78.0	362	39.9												
65	77.6	361	39.9												
70	76.3	360	39.3												
75	75.0	359	38.3												
80	73.7	357	37.7												
85	72.4	356	36.7												
90	71.1	354	36.0												
94				73.0	355	36.5									
95	69.8	352	35.4	72.7	355	36.5									
100	68.5	350	34.7	71.4	353	36.2									
105	67.1	348	34.0	70.1	352	35.4									
110	65.8	346	33.3	68.8	350	34.7									
115	64.4	344	32.7	67.4	348	34.2									
120	63.0	341	32.2	66.1	345	33.5									
125	61.6	338	31.8	64.7	343	32.8									
130	60.2	336	31.3	63.3	340	32.3									
135	58.8	332	30.7	61.9	338	31.9									
140	57.3	329	30.2	60.5	335	31.4									
141							65.0	340	32.2						
145	55.8	326	29.7	59.1	332	30.8	64.0	338	32.2						
150	54.3	322	29.2	57.6	329	30.3	62.6	335	31.9						
155	52.7	318	28.8	56.1	326	29.8	61.2	332	31.3						
160	51.2	314	28.5	54.6	322	29.4	59.7	330	30.9						
165	49.5	310	28.1	53.1	318	29.0	58.3	326	30.5						
170	47.9	306	27.5	51.5	314	28.6	56.8	323	30.0						
175	46.2	301	27.0	49.9	310	28.2	55.3	320	29.6						
180	44.4	296	26.5	48.2	306	27.7	53.8	316	29.2						
185	42.6	291	26.0	46.5	301	27.2	52.2	312	28.8						
190	40.7	285	25.6	44.8	296	26.8	50.6	308	28.5						
195	38.8	279	25.2	43.0	291	26.3	49.0	304	28.1						
197										55.0	311	28.1			
200	36.7	272	24.8	41.1	285	25.9	47.3	299	27.6	54.0	309	28.1			
205	34.6	265	24.4	39.2	279	25.5	45.6	294	27.1	52.4	305	27.9			
210	32.3	257	23.4	37.2	272	25.2	43.8	289	26.7	50.8	301	27.6			
215	29.9	249	22.2	35.0	265	24.8	42.0	284	26.3	49.2	296	27.3			
220	27.3	239	21.0	32.8	258	23.8	40.1	278	25.9	47.5	292	27.0			
225	24.4	229	19.8	30.4	249	22.7	38.1	272	25.5	45.8	287	26.8			
230	21.1	216	18.5	27.8	240	21.6	36.0	265	25.2	44.0	282	26.3			
235	17.2	202	17.3	25.0	230	20.5	33.8	258	24.5	42.2	276	25.9			
240				21.8	218	19.5	31.5	250	23.6	40.3	271	25.5			
245				18.1	204	18.3	29.0	241	22.8	38.4	264	25.2			
250							26.3	231	21.9	36.3	258	24.8			
255							23.3	220	21.0	34.1	250	24.5			
260							21.3	212	20.3	31.8	242	23.8			
265							17.6	198	19.6	29.3	234	23.1			
270										27.7	228	22.4			
275										24.9	218	21.8			
280										21.8	206	21.2			
285										18.1	192	20.6			
288													35.0	227	18.5
290													34.4	225	18.3
295													32.9	220	17.9
300													30.6	212	17.4
305													28.0	203	16.9
310													25.2	193	16.4
315													22.1	181	15.9
320													18.5	167	15.5

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 ]
125 ft Main boom 243 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
65	78.0	371	36.3												
70	76.9	370	36.1												
75	75.7	369	35.2												
80	74.4	368	34.5												
85	73.2	366	33.7												
90	71.9	364	32.9												
95	70.7	363	32.3												
97				73.0	365	33.0									
100	69.4	361	31.8	72.2	364	33.0									
105	68.1	359	31.1	70.9	362	32.5									
110	66.8	357	30.4	69.7	360	31.7									
115	65.5	354	29.8	68.4	358	31.2									
120	64.2	352	29.3	67.1	356	30.6									
125	62.9	350	28.8	65.8	354	30.0									
130	61.5	347	28.4	64.5	351	29.4									
135	60.2	344	28.0	63.2	349	28.9									
140	58.8	341	27.5	61.8	346	28.5									
145	57.4	338	27.1	60.5	343	28.1									
145							65.0	349	28.8						
150	56.0	334	26.7	59.1	340	27.6	63.8	346	28.8						
155	54.5	331	26.3	57.7	337	27.1	62.4	344	28.5						
160	53.0	327	25.9	56.3	334	26.7	61.1	341	28.0						
165	51.5	323	25.6	54.8	330	26.3	59.7	338	27.6						
170	50.0	319	25.4	53.3	327	26.0	58.3	335	27.3						
175	48.4	315	25.0	51.8	323	25.7	56.9	332	26.8						
180	46.8	310	24.7	50.3	319	25.4	55.5	328	26.4						
185	45.1	305	24.4	48.7	314	25.1	54.0	325	26.1						
190	43.4	300	24.1	47.1	310	24.8	52.5	321	25.7						
195	41.6	294	23.8	45.5	305	24.5	51.0	317	25.4						
200	39.8	288	23.5	43.7	300	24.3	49.4	313	25.2						
202										55.0	319	25.0			
205	37.9	282	23.2	42.0	294	24.0	47.9	308	24.9	54.2	317	25.0			
210	35.9	275	23.0	40.2	288	23.8	46.2	303	24.6	52.7	313	24.9			
215	33.8	268	22.6	38.3	282	23.5	44.5	298	24.4	51.2	309	24.6			
220	31.5	260	21.5	36.3	275	23.3	42.8	293	24.1	49.6	305	24.3			
225	29.2	251	20.4	34.2	268	22.8	41.0	287	23.9	48.1	301	24.1			
230	26.6	241	19.2	32.0	260	21.8	39.2	281	23.7	46.4	296	24.0			
235	23.7	230	18.1	29.7	252	20.9	37.2	275	23.5	44.8	291	23.8			
240	20.5	218	17.0	27.1	242	19.9	35.2	268	23.3	43.0	286	23.6			
245	16.7	202	15.8	24.4	232	18.9	33.0	260	22.5	41.2	280	23.4			
250				21.2	219	17.9	30.8	252	21.7	39.4	274	23.2			
255				17.6	205	16.8	28.3	243	20.9	37.5	268	23.1			
260							26.7	237	20.2	35.4	261	22.9			
265							23.9	226	19.5	33.3	253	22.6			
270							20.8	214	18.9	31.1	245	21.9			
275							17.1	199	18.2	28.6	236	21.3			
280										27.1	230	20.6			
285										24.3	220	20.1			
290										21.2	207	19.5			
295										17.6	193	19.0			
297													35.0	233	17.4
300													34.3	231	17.1
305													32.2	223	16.7
310													29.8	214	16.2
315													27.3	205	15.7
320													24.6	195	15.3
325													21.5	183	14.8
330													18.0	168	14.4

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 ]
125 ft Main boom 253 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
67	78.0	381	32.8												
70	77.4	380	32.8												
75	76.2	379	32.2												
80	75.0	378	31.3												
85	73.9	376	30.8												
90	72.7	375	30.0												
95	71.5	373	29.3												
100				73.0	374	29.6									
100	70.3	371	28.7	72.9	374	29.6									
105	69.0	370	28.3	71.7	372	29.4									
110	67.8	367	27.6	70.5	371	28.8									
115	66.6	365	27.0	69.3	369	28.1									
120	65.3	363	26.4	68.1	367	27.7									
125	64.0	361	25.9	66.8	365	27.1									
130	62.8	358	25.5	65.6	362	26.5									
135	61.5	355	25.1	64.3	360	26.0									
140	60.1	352	24.7	63.0	357	25.6									
145	58.8	349	24.2	61.7	355	25.2									
150							65.0	358	25.7						
150	57.5	346	23.8	60.4	352	24.8	64.9	357	25.6						
155	56.1	343	23.5	59.1	349	24.3	63.6	355	25.6						
160	54.7	339	23.1	57.7	346	23.9	62.3	352	25.2						
165	53.3	336	22.8	56.4	342	23.5	61.0	350	24.7						
170	51.8	332	22.5	55.0	339	23.2	59.7	346	24.3						
175	50.4	328	22.2	53.6	335	22.8	58.4	344	24.1						
180	48.9	323	22.0	52.1	331	22.6	57.0	340	23.7						
185	47.3	319	21.7	50.7	327	22.3	55.6	337	23.3						
190	45.7	314	21.4	49.2	323	22.0	54.2	333	22.9						
195	44.1	309	21.1	47.6	318	21.7	52.8	330	22.6						
200	42.4	303	20.9	46.1	314	21.5	51.4	326	22.4						
205	40.7	298	20.6	44.4	309	21.2	49.9	321	22.1						
208										55.0	327	22.0			
210	38.9	292	20.4	42.8	303	21.0	48.4	317	21.9	54.4	326	22.0			
215	37.0	285	20.2	41.1	298	20.8	46.8	312	21.6	53.0	322	21.9			
220	35.1	278	20.0	39.3	292	20.6	45.2	307	21.4	51.5	318	21.7			
225	33.0	270	19.5	37.4	285	20.4	43.6	302	21.1	50.1	314	21.4			
230	30.8	262	18.6	35.5	278	20.2	41.9	296	20.9	48.5	309	21.2			
235	28.5	253	17.7	33.4	271	19.6	40.1	291	20.7	47.0	305	21.0			
240	26.0	243	16.8	31.3	263	18.8	38.3	284	20.5	45.4	300	20.8			
245	23.2	232	15.9	29.0	254	18.1	36.4	278	20.4	43.8	295	20.6			
250	20.0	219	15.0	26.5	244	17.3	34.4	270	20.0	42.1	289	20.4			
255	16.3	203	14.1	23.8	233	16.6	32.3	263	19.5	40.3	283	20.3			
260				20.7	221	15.8	30.1	254	18.9	38.5	277	20.1			
265				17.1	206	15.0	27.7	245	18.3	36.6	270	20.0			
270							26.1	239	17.8	34.6	263	19.8			
275							23.4	228	17.3	32.6	256	19.5			
280							20.3	215	16.9	30.3	247	19.0			
285							16.6	200	16.4	28.0	238	18.6			
290										26.4	232	18.2			
295										23.7	221	17.8			
300										20.7	209	17.5			
305													35.0	239	16.0
305										17.1	194	17.1	34.9	238	16.0
310													33.6	233	15.6
315													31.4	225	15.1
320													29.2	217	14.7
325													26.7	207	14.3
330													24.0	196	13.8
335													21.0	184	13.4
340													17.5	169	13.0

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 ]
125 ft Main boom 262 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
70	78.0	391	29.9												
70	77.9	390	29.9												
75	76.8	389	29.6												
80	75.6	388	28.8												
85	74.5	387	28.1												
90	73.3	385	27.5												
95	72.2	384	26.8												
100	71.0	382	26.2												
102				73.0	384	26.7									
105	69.9	380	25.8	72.4	383	26.7									
110	68.7	378	25.3	71.3	381	26.4									
115	67.5	376	24.6	70.1	379	25.8									
120	66.3	374	24.1	68.9	377	25.2									
125	65.1	372	23.6	67.7	375	24.8									
130	63.9	369	23.1	66.5	373	24.2									
135	62.6	366	22.7	65.3	371	23.7									
140	61.4	364	22.4	64.1	368	23.2									
145	60.1	361	22.0	62.9	366	22.8									
150	58.8	358	21.6	61.6	363	22.5									
154							65.0	366	23.0						
155	57.5	355	21.2	60.4	360	22.1	64.7	366	23.0						
160	56.2	351	20.8	59.1	357	21.6	63.5	363	22.9						
165	54.9	348	20.5	57.8	354	21.3	62.2	361	22.5						
170	53.5	344	20.2	56.5	351	20.9	61.0	358	22.0						
175	52.1	340	19.9	55.2	348	20.6	59.7	355	21.7						
180	50.7	336	19.7	53.8	344	20.3	58.4	352	21.4						
185	49.3	332	19.5	52.4	340	20.0	57.1	349	21.0						
190	47.8	328	19.2	51.0	336	19.8	55.8	345	20.7						
195	46.3	323	19.0	49.6	332	19.5	54.4	342	20.4						
200	44.8	318	18.7	48.1	327	19.2	53.1	338	20.1						
205	43.2	312	18.5	46.6	323	19.0	51.7	334	19.8						
210	41.5	307	18.3	45.1	318	18.8	50.3	330	19.6						
214										55.0	335	19.5			
215	39.8	301	18.1	43.5	312	18.6	48.8	326	19.3	54.6	334	19.5			
220	38.1	295	17.9	41.9	307	18.3	47.3	321	19.1	53.2	330	19.5			
225	36.2	288	17.7	40.2	301	18.1	45.8	316	18.9	51.9	327	19.3			
230	34.3	281	17.6	38.4	295	18.0	44.2	311	18.7	50.4	322	19.0			
235	32.3	273	16.9	36.6	288	17.8	42.6	306	18.5	49.0	318	18.8			
240	30.1	264	16.3	34.7	281	17.5	41.0	300	18.3	47.5	314	18.6			
245	27.9	255	15.6	32.7	273	17.0	39.2	294	18.1	46.0	309	18.4			
250	25.4	245	14.9	30.6	265	16.4	37.5	288	17.9	44.4	304	18.2			
255	22.6	234	14.2	28.3	256	15.9	35.6	281	17.8	42.8	298	18.0			
260	19.5	220	13.5	25.9	246	15.3	33.6	273	17.4	41.2	293	17.8			
265	15.8	204	12.7	24.3	240	14.8	31.6	265	17.0	39.5	287	17.7			
270				21.5	227	14.3	29.4	257	16.6	37.7	280	17.5			
275				18.2	213	13.8	28.0	251	16.2	35.8	274	17.4			
280							25.5	241	15.9	33.9	266	17.3			
285							22.8	229	15.5	31.9	258	17.0			
290							19.8	216	15.2	29.7	250	16.7			
295							16.1	200	14.9	28.3	244	16.4			
300										25.8	234	16.2			
305										23.2	223	16.0			
310										20.2	210	15.8			
313													35.0	244	14.9
315													34.8	244	14.8
320													32.9	236	14.3
325													30.8	228	13.9
330													28.5	219	13.5
335													26.1	209	13.1
340													23.5	198	12.7
345													20.5	185	12.3
350													17.0	170	11.9

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 ]
125 ft Main boom 272 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
72	78.0	400	26.5												
75	77.2	399	26.5												
80	76.2	398	26.0												
85	75.1	397	25.5												
90	74.0	395	25.1												
95	72.9	394	24.4												
100	71.7	392	23.8												
105	70.6	390	23.4												
105				73.0	393	24.0									
110	69.5	389	23.0	72.0	392	24.0									
115	68.4	387	22.5	70.9	390	23.5									
120	67.2	385	22.0	69.7	388	22.9									
125	66.1	382	21.5	68.6	386	22.5									
130	64.9	380	21.1	67.4	384	22.1									
135	63.7	378	20.7	66.3	382	21.6									
140	62.5	375	20.3	65.1	379	21.1									
145	61.3	372	20.0	64.0	377	20.7									
150	60.1	369	19.7	62.8	374	20.4									
155	58.9	366	19.3	61.6	372	20.1									
158							65.0	375	20.3						
160	57.6	363	18.9	60.4	369	19.7	64.5	374	20.2						
165	56.3	360	18.6	59.1	366	19.3	63.3	372	20.1						
170	55.1	356	18.3	57.9	363	19.0	62.1	369	19.7						
175	53.8	353	18.0	56.6	360	18.7	60.9	366	19.4						
180	52.4	349	17.8	55.3	356	18.4	59.7	364	19.0						
185	51.1	345	17.6	54.0	352	18.1	58.5	360	18.8						
190	49.7	341	17.4	52.7	349	17.9	57.2	357	18.5						
195	48.3	336	17.1	51.4	345	17.7	55.9	354	18.2						
200	46.8	332	16.9	50.0	340	17.4	54.6	350	17.9						
205	45.4	327	16.7	48.6	336	17.2	53.3	347	17.6						
210	43.8	322	16.5	47.1	332	17.0	52.0	343	17.4						
215	42.3	316	16.3	45.7	327	16.8	50.6	339	17.2						
219										55.0	343	17.3			
220	40.7	310	16.1	44.2	322	16.6	49.2	334	17.0	54.8	343	17.3			
225	39.0	304	15.9	42.6	316	16.4	47.8	330	16.8	53.5	339	17.3			
230	37.3	298	15.8	41.0	310	16.2	46.3	325	16.6	52.1	335	17.1			
235	35.5	291	15.6	39.4	304	16.0	44.9	320	16.4	50.8	331	16.9			
240	33.6	283	15.3	37.6	298	15.9	43.3	315	16.3	49.4	327	16.7			
245	31.6	275	14.8	35.9	291	15.7	41.8	309	16.1	48.0	322	16.5			
250	29.5	267	14.2	34.0	284	15.4	40.1	303	15.9	46.5	318	16.4			
255	27.3	257	13.6	32.0	276	14.9	38.4	297	15.8	45.0	313	16.2			
260	24.8	247	13.1	29.9	268	14.5	36.7	291	15.6	43.5	308	16.0			
265	22.1	235	12.5	27.7	258	14.0	34.9	284	15.5	41.9	302	15.9			
270	19.0	221	11.9	25.3	248	13.5	32.9	276	15.2	40.3	296	15.7			
275	17.0	212	11.4	23.8	241	13.1	30.9	268	14.9	38.7	290	15.6			
280				21.0	229	12.7	28.8	259	14.6	36.9	283	15.5			
285				17.7	214	12.3	26.5	249	14.3	35.1	276	15.4			
290							23.9	238	14.0	33.2	269	15.2			
295							22.3	231	13.7	31.2	261	15.0			
300							19.3	218	13.5	29.0	252	14.8			
305							15.7	201	13.3	26.8	242	14.6			
310										25.3	236	14.4			
315										22.6	224	14.3			
320										19.7	211	14.2			
321													35.0	250	13.6
325													34.1	246	13.3
330													32.2	239	12.9
335													30.1	230	12.5
340													27.9	221	12.1
345													25.5	211	11.7
350													22.9	200	11.4
355													20.0	187	11.0
360													16.6	171	10.6

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 ]
125 ft Main boom 282 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
74	78.0	410	23.8												
75	77.7	410	23.8												
80	76.7	408	23.6												
85	75.6	407	23.2												
90	74.5	406	22.9												
95	73.5	404	22.5												
100	72.4	403	21.9												
105	71.3	401	21.4												
108				73.0	402	21.8									
110	70.2	399	21.0	72.6	402	21.8									
115	69.2	397	20.7	71.6	400	21.6									
120	68.1	395	20.2	70.5	398	21.1									
125	66.9	393	19.8	69.4	396	20.6									
130	65.8	391	19.3	68.3	395	20.3									
135	64.7	389	19.0	67.2	392	19.9									
140	63.6	386	18.6	66.1	390	19.4									
145	62.4	384	18.4	64.9	388	19.0									
150	61.3	381	18.1	63.8	386	18.7									
155	60.1	378	17.7	62.7	383	18.4									
160	58.9	375	17.4	61.5	380	18.1									
162							65.0	384	17.9						
165	57.7	372	17.1	60.3	377	17.8	64.3	383	17.9						
170	56.5	368	16.8	59.1	374	17.5	63.2	380	17.7						
175	55.2	365	16.5	57.9	371	17.1	62.0	378	17.4						
180	54.0	361	16.3	56.7	368	16.9	60.9	375	17.1						
185	52.7	358	16.1	55.5	364	16.6	59.7	372	16.8						
190	51.4	354	15.9	54.2	361	16.3	58.5	369	16.6						
195	50.1	349	15.7	52.9	357	16.1	57.3	366	16.3						
200	48.7	345	15.5	51.7	353	15.9	56.1	362	16.1						
205	47.3	340	15.2	50.3	349	15.7	54.8	359	15.8						
210	45.9	336	15.0	49.0	345	15.5	53.5	355	15.6						
215	44.5	331	14.8	47.6	340	15.3	52.3	351	15.4						
220	43.0	325	14.7	46.2	336	15.1	50.9	347	15.2						
225										55.0	351	15.5			
225	41.4	320	14.5	44.8	330	14.9	49.6	343	15.1	55.0	351	15.5			
230	39.9	314	14.3	43.3	325	14.8	48.2	339	14.9	53.7	348	15.5			
235	38.2	307	14.1	41.8	320	14.6	46.9	334	14.7	52.4	344	15.3			
240	36.5	301	14.0	40.2	314	14.4	45.4	329	14.5	51.1	340	15.1			
245	34.8	294	13.9	38.6	308	14.3	44.0	324	14.4	49.8	336	15.0			
250	32.9	286	13.5	36.9	301	14.2	42.5	318	14.2	48.4	331	14.8			
255	31.0	278	13.0	35.1	294	14.0	40.9	313	14.1	47.0	326	14.7			
260	28.9	269	12.6	33.3	286	13.6	39.3	307	14.0	45.6	322	14.5			
265	26.7	259	12.1	31.4	278	13.3	37.7	300	13.8	44.2	316	14.4			
270	25.3	253	11.6	29.3	270	12.9	36.0	294	13.7	42.7	311	14.3			
275	22.7	242	11.2	27.1	260	12.5	34.2	286	13.6	41.1	306	14.1			
280	19.9	228	10.8	24.8	250	12.1	32.3	278	13.4	39.5	299	14.0			
285	16.6	213	10.4	23.3	243	11.7	30.3	270	13.2	37.9	293	13.9			
290				20.5	230	11.4	28.2	261	13.0	36.2	286	13.8			
295				17.3	215	11.0	25.9	251	12.7	34.4	279	13.7			
300							23.4	240	12.5	32.5	271	13.6			
305							20.7	227	12.3	30.5	263	13.4			
310							18.8	219	12.1	28.4	254	13.3			
315										26.2	244	13.2			
320										24.7	238	13.0			
325										22.2	226	12.9			
329													35.0	256	12.5
330										19.2	212	12.9	34.6	254	12.5
335													32.7	246	12.2
340													31.5	241	11.9
345													29.5	232	11.5
350													27.3	223	11.1
355													25.0	213	10.7
360													22.4	201	10.4
365													19.6	188	10.0
370													16.2	172	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 ]
125 ft Main boom 292 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
76	78.0	420	21.3												
80	77.1	418	21.3												
85	76.1	417	20.8												
90	75.1	416	20.4												
95	74.1	414	20.0												
100	73.0	413	19.5												
105	72.0	411	19.0												
110	70.9	410	18.6												
111				73.0	412	19.2									
115	69.9	408	18.2	72.2	411	19.2									
120	68.8	406	17.9	71.2	409	18.8									
125	67.8	404	17.4	70.1	407	18.3									
130	66.7	402	17.0	69.1	405	17.9									
135	65.6	399	16.7	68.0	403	17.6									
140	64.5	397	16.3	66.9	401	17.1									
145	63.4	395	16.0	65.8	399	16.7									
150	62.3	392	15.8	64.8	396	16.4									
155	61.2	389	15.5	63.7	394	16.0									
160	60.1	386	15.2	62.5	391	15.8									
165	58.9	383	14.9	61.4	389	15.5									
166							65.0	393	15.8						
170	57.7	380	14.6	60.3	386	15.2	64.2	391	15.8						
175	56.6	377	14.3	59.1	383	14.9	63.1	389	15.5						
180	55.4	374	14.1	58.0	380	14.6	61.9	386	15.2						
185	54.2	370	13.8	56.8	376	14.4	60.8	383	14.9						
190	52.9	366	13.6	55.6	373	14.1	59.7	380	14.6						
195	51.7	362	13.4	54.4	370	13.9	58.5	377	14.4						
200	50.4	358	13.2	53.2	366	13.7	57.4	374	14.2						
205	49.1	354	13.0	51.9	362	13.5	56.2	371	13.9						
210	47.8	349	12.9	50.7	358	13.3	55.0	367	13.7						
215	46.4	344	12.7	49.4	354	13.1	53.7	364	13.5						
220	45.0	340	12.5	48.0	349	12.9	52.5	360	13.3						
225	43.6	334	12.3	46.7	344	12.8	51.2	356	13.1						
230	42.2	329	12.2	45.3	340	12.6	50.0	352	12.9						
230										55.0	359	13.2			
235	40.7	323	12.0	43.9	334	12.4	48.7	347	12.8	53.9	356	13.2			
240	39.1	317	11.9	42.5	329	12.3	47.3	343	12.6	52.7	352	13.0			
245	37.5	310	11.8	41.0	323	12.1	46.0	338	12.4	51.4	348	12.9			
250	35.8	304	11.6	39.4	317	12.0	44.6	333	12.3	50.1	344	12.7			
255	34.1	296	11.5	37.8	311	11.8	43.1	328	12.1	48.8	340	12.5			
260	32.3	289	11.2	36.2	304	11.7	41.7	322	12.0	47.5	335	12.4			
265	30.4	280	10.8	34.5	297	11.5	40.1	316	11.9	46.1	330	12.3			
270	28.3	271	10.5	32.7	289	11.3	38.6	310	11.8	44.7	326	12.1			
275	26.1	261	10.2	30.8	281	11.0	36.9	303	11.6	43.3	320	12.0			
280	23.8	250	9.9	28.7	272	10.8	35.3	296	11.5	41.8	315	11.9			
285	21.1	238	9.6	26.6	262	10.5	33.5	289	11.4	40.3	309	11.7			
290	19.4	230	9.3	24.3	252	10.3	31.6	281	11.2	38.8	303	11.6			
295	16.2	214	9.0	21.7	239	10.0	29.7	272	11.1	37.2	296	11.5			
300				18.8	226	9.8	27.6	263	10.9	35.5	289	11.4			
305				15.4	209	9.5	25.4	253	10.7	33.7	282	11.3			

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 ]
125 ft Main boom 292 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
310							22.9	241	10.6	31.9	274	11.2			
315							20.2	228	10.4	29.9	265	11.1			
320							17.1	213	10.2	27.9	256	11.0			
325										25.7	246	10.9			
330										23.2	235	10.8			
335										20.6	222	10.7			
337													35.0	261	10.3
340										17.5	207	10.6	33.9	256	10.3
345													32.1	249	10.3
350													30.2	240	10.3
355													28.1	231	10.1
360													26.8	225	9.9
365													24.5	214	9.5
370													22.0	203	9.2
375													19.1	189	8.8
380													15.8	173	8.5

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 ]
125 ft Main boom 302 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
78	78.0	429	19.3												
80	77.5	429	19.3												
85	76.6	427	19.0												
90	75.6	426	18.4												
95	74.6	425	18.0												
100	73.6	423	17.6												
105	72.6	422	17.1												
110	71.6	420	16.6												
114				73.0	421	17.0									
115	70.6	418	16.2	72.8	421	17.0									
120	69.6	416	15.9	71.8	419	16.8									
125	68.5	414	15.6	70.8	418	16.4									
130	67.5	412	15.1	69.8	416	15.9									
135	66.5	410	14.8	68.8	414	15.5									
140	65.4	408	14.4	67.7	412	15.2									
145	64.4	406	14.1	66.7	410	14.8									
150	63.3	403	13.9	65.6	407	14.5									
155	62.2	400	13.6	64.6	405	14.1									
160	61.1	398	13.4	63.5	402	13.8									
165	60.0	395	13.1	62.4	400	13.6									
170	58.9	392	12.8	61.4	397	13.3									
170							65.0	402	13.9						
175	57.8	389	12.5	60.3	394	13.1	64.0	400	13.9						
180	56.7	385	12.2	59.2	391	12.8	62.9	397	13.6						
185	55.5	382	12.0	58.0	388	12.5	61.9	395	13.3						
190	54.3	378	11.8	56.9	385	12.3	60.8	392	13.0						
195	53.1	375	11.6	55.7	382	12.0	59.7	389	12.8						
200	51.9	371	11.4	54.6	378	11.8	58.6	386	12.6						
205	50.7	367	11.2	53.4	374	11.6	57.4	383	12.4						
210	49.5	362	11.1	52.2	370	11.5	56.3	379	12.1						
215	48.2	358	10.9	51.0	366	11.3	55.1	376	11.9						
220	46.9	353	10.7	49.7	362	11.1	53.9	372	11.7						
225	45.6	348	10.6	48.5	358	11.0	52.7	368	11.5						
230	44.2	343	10.4	47.2	353	10.8	51.5	364	11.3						
235	42.8	338	10.3	45.8	348	10.6	50.3	360	11.1						
236										55.0	368	11.2			
240	41.4	332	10.2	44.5	343	10.5	49.0	356	11.0	54.1	365	11.2			
245	39.9	326	10.0	43.1	338	10.3	47.8	352	10.8	52.9	361	11.1			
250	38.4	320	9.9	41.7	332	10.2	46.4	347	10.7	51.7	357	10.9			
255	36.8	314	9.8	40.2	327	10.1	45.1	342	10.5	50.5	353	10.8			
260	35.2	307	9.7	38.7	320	9.9	43.7	337	10.4	49.2	349	10.6			
265	33.5	299	9.5	37.1	314	9.8	42.3	331	10.3	47.9	344	10.5			
270	31.7	291	9.3	35.5	307	9.7	40.9	326	10.1	46.6	339	10.4			
275	29.8	283	9.1	33.8	300	9.6	39.4	320	10.0	45.3	334	10.2			
280	27.8	273	8.9	32.0	292	9.4	37.9	313	9.9	43.9	329	10.1			
285	25.6	263	8.7	30.2	283	9.3	36.3	306	9.8	42.5	324	10.0			
290	23.3	252	8.5	28.2	274	9.1	34.6	299	9.7	41.1	318	9.9			
295	21.8	244	8.3	26.1	264	9.0	32.9	292	9.6	39.6	312	9.8			
300	19.0	231	8.1	23.8	253	8.8	31.0	283	9.5	38.0	306	9.6			
305	15.8	214	7.9	21.3	241	8.7	29.1	275	9.3	36.5	299	9.6			
310				18.4	227	8.5	27.1	265	9.2	34.8	292	9.5			

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 ]
125 ft Main boom 302 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
315							24.9	255	9.1	33.1	284	9.4			
320							22.5	243	9.0	31.3	276	9.3			
325							19.8	230	8.9	29.4	268	9.2			
330							16.7	214	8.8	27.3	258	9.1			
335										25.2	248	9.0			
340										22.8	236	9.0			
345										20.1	223	8.9	35.0	267	8.6
350										17.1	208	8.8	33.3	259	8.6
355													31.5	251	8.5
360													29.6	242	8.5
365													27.6	233	8.5
370													25.4	223	8.5
375													23.0	212	8.4
380													21.5	204	8.2
385													18.7	190	7.9
390													15.4	174	7.6

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 ]
125 ft Main boom 312 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
80	78.0	439	17.1												
80	77.9	439	17.1												
85	77.0	438	16.9												
90	76.0	436	16.5												
95	75.1	435	16.2												
100	74.1	434	15.9												
105	73.2	432	15.5												
110	72.2	430	15.2												
115	71.2	429	14.9												
117				73.0	431	15.3									
120	70.2	427	14.6	72.4	430	15.3									
125	69.3	425	14.4	71.4	428	15.0									
130	68.3	423	14.0	70.4	426	14.7									
135	67.3	421	13.7	69.5	424	14.3									
140	66.3	419	13.4	68.5	422	14.0									
145	65.2	416	13.1	67.5	420	13.7									
150	64.2	414	12.8	66.5	418	13.4									
155	63.2	412	12.6	65.4	416	13.1									
160	62.1	409	12.4	64.4	414	12.9									
165	61.1	406	12.2	63.4	411	12.6									
170	60.0	403	11.9	62.4	408	12.4									
174							65.0	411	12.7						
175	58.9	400	11.6	61.3	406	12.2	64.9	411	12.7						
180	57.9	397	11.4	60.2	403	11.9	63.9	408	12.7						
185	56.8	394	11.1	59.2	400	11.7	62.8	406	12.4						
190	55.6	390	10.9	58.1	397	11.4	61.8	403	12.1						
195	54.5	387	10.7	57.0	394	11.2	60.7	400	11.9						
200	53.4	383	10.5	55.9	390	11.0	59.7	397	11.7						
205	52.2	379	10.3	54.7	387	10.8	58.6	394	11.5						
210	51.0	375	10.2	53.6	383	10.6	57.5	391	11.3						
215	49.8	371	10.0	52.4	379	10.4	56.4	388	11.0						
220	48.6	367	9.8	51.3	375	10.3	55.3	384	10.8						
225	47.3	362	9.5	50.1	371	10.1	54.1	381	10.6						
230	46.1	357	9.3	48.8	366	9.8	53.0	377	10.4						
235	44.7	352	9.1	47.6	362	9.6	51.8	373	10.3						
240	43.4	347	8.9	46.3	357	9.4	50.6	369	10.1						
242										55.0	376	10.2			
245	42.0	342	8.7	45.0	352	9.2	49.4	365	10.0	54.3	373	10.2			
250	40.6	336	8.5	43.7	347	9.0	48.2	360	9.8	53.1	370	10.1			
255	39.2	330	8.4	42.3	342	8.8	46.9	356	9.6	51.9	366	10.0			
260	37.7	323	8.2	40.9	336	8.7	45.6	351	9.4	50.8	362	9.7			
265	36.1	317	8.0	39.5	330	8.5	44.3	346	9.2	49.5	357	9.6			
270	34.5	309	7.9	38.0	324	8.3	43.0	340	9.0	48.3	353	9.4			
275	32.8	302	7.7	36.5	317	8.2	41.6	335	8.8	47.1	348	9.3			
280	31.1	294	7.5	34.9	310	8.0	40.2	329	8.6	45.8	343	9.1			
285	29.2	285	7.3	33.2	302	7.8	38.7	323	8.5	44.5	338	8.9			
290	27.3	275	7.1	31.4	294	7.6	37.2	316	8.3	43.1	333	8.8			
295	25.1	265	6.9	29.6	286	7.4	35.6	309	8.2	41.7	328	8.6			
300	22.8	254	6.7	27.7	276	7.3	34.0	302	8.0	40.3	322	8.5			
305	20.3	241	6.5	25.6	266	7.1	32.3	294	7.8	38.9	316	8.3			
310	17.4	226	6.3	23.3	255	6.9	30.5	286	7.7	37.4	309	8.2			
315				20.8	242	6.7	28.6	277	7.5	35.8	302	8.1			
320				18.0	228	6.5	26.6	267	7.3	34.2	295	8.0			

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 ]
125 ft Main boom 312 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
325							24.4	256	7.1	32.5	287	7.8			
330							22.0	244	6.9	30.7	279	7.7			
335							19.4	231	6.7	28.8	270	7.6			
340							16.3	215	6.5	26.8	260	7.4			
345										24.7	250	7.3			
350										22.3	238	7.2			
353													35.0	272	7.2
355										19.7	225	7.0	34.4	270	7.2
360										16.7	209	6.9	32.7	262	7.2
365													30.9	254	7.1
370													29.0	245	7.0
375													27.0	235	7.0
380													24.9	225	6.9
385													22.6	213	6.9
390													20.0	200	6.9
395													17.0	185	6.7

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 ]
134 ft Main boom 66 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
29	78.0	208	258.0												
30	76.8	208	258.0												
35	72.3	206	254.0												
40	67.6	204	239.2												
45	62.7	202	217.2												
46				73.0	205	233.1									
50	57.6	198	198.7	69.4	204	222.5									
55	52.1	195	183.3	64.6	201	202.0									
60	46.2	190	170.3	59.5	198	185.7									
65	39.6	184	158.2	54.2	195	170.9									
70	31.8	177	144.4	48.5	191	159.4									
73							65.0	198	66.4						
75	21.5	166	121.0	42.2	186	148.1	63.2	197	142.1						
80				34.9	179	139.0	58.1	194	134.0						
85				25.9	170	126.4	52.7	190	125.5						
90							46.9	186	118.6						
95							40.4	180	111.5						
100							32.8	173	104.6						
105										55.0	183	66.4			
105							25.3	165	33.4	54.8	183	66.4			
110										49.6	179	86.6			
115										43.4	174	82.0			
120										36.3	168	77.8			
125										27.7	159	74.0			
158													35.0	138	47.7
160													33.7	137	47.2
165													24.2	127	45.3

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 ]
134 ft Main boom 76 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
31	78.0	218	258.0												
35	74.7	216	256.1												
40	70.7	215	237.0												
45	66.5	213	217.1												
49				73.0	214	217.4									
50	62.3	210	200.3	72.2	214	217.0									
55	57.8	207	185.2	68.1	212	201.7									
60	53.2	203	172.2	63.9	210	183.7									
65	48.1	199	160.6	59.5	207	170.1									
70	42.7	194	147.4	54.9	204	157.2									
75	36.5	188	136.3	50.1	200	148.0									
77							65.0	206	66.4						
80	29.3	179	121.3	44.8	195	137.9	62.7	205	132.0						
85	19.6	168	103.2	38.9	189	129.5	58.3	202	123.9						
90				32.2	182	121.1	53.7	198	116.3						
95				23.7	172	109.7	48.7	194	110.5						
100							43.3	189	104.2						
105							37.2	183	98.1						
110							30.1	175	92.6						
110										55.0	191	66.4			
115							23.2	167	33.4	51.0	188	81.4			
120										45.8	183	77.3			
125										40.0	177	73.5			
130										33.5	170	70.0			
135										25.4	161	66.8			
166													35.0	144	44.2
170													31.0	139	43.1
175													22.1	129	41.5

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 ]
134 ft Main boom 85 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
33	78.0	227	258.0												
35	76.5	227	257.7												
40	73.0	225	236.9												
45	69.4	223	217.4												
50	65.7	221	200.1												
52				73.0	224	204.5									
55	62.0	218	186.7	70.8	223	201.1									
60	58.0	216	174.1	67.1	221	184.8									
65	53.9	212	162.9	63.4	218	169.0									
70	49.6	208	153.9	59.5	216	157.4									
75	44.9	203	140.0	55.5	212	146.2									
80	39.8	197	127.9	51.2	208	138.1									
81							65.0	215	66.4						
85	34.0	190	117.7	46.7	204	129.3	62.4	214	123.7						
90	27.2	181	103.8	41.8	198	121.5	58.5	211	115.9						
95	18.0	169	89.5	36.3	192	115.3	54.4	207	108.8						
100				29.9	184	106.5	50.0	203	103.7						
105				23.9	176	33.4	45.4	198	97.9						
110							40.4	193	92.5						
115							34.7	186	87.5						
116										55.0	199	66.4			
120										52.0	196	76.9			
125							28.0	177	83.0	47.5	192	73.2			
130										42.7	187	69.7			
135										37.3	180	66.6			
140										30.0	171	63.6			
145										23.5	163	60.9			
175													35.0	150	41.3
175													34.4	149	41.1
180													27.6	140	39.7
185													20.4	130	38.3

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  
 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 ]
134 ft Main boom 95 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
35	78.0	237	239.2												
35	77.9	237	239.2												
40	74.8	235	229.4												
45	71.6	234	211.1												
50	68.4	232	196.8												
55				73.0	233	192.1									
55	65.1	230	181.9	72.8	233	192.1									
60	61.7	227	171.2	69.6	231	182.2									
65	58.2	224	160.1	66.4	229	168.4									
70	54.5	220	150.1	63.0	227	155.8									
75	50.7	216	142.3	59.5	224	145.6									
80	46.6	212	131.2	55.9	221	135.8									
85	42.2	207	120.1	52.1	217	128.0									
86							65.0	224	66.4						
90	37.4	200	110.4	48.2	212	120.9	62.1	222	115.0						
95	31.9	193	101.1	43.9	208	114.0	58.6	219	108.6						
100	25.4	183	89.9	39.3	202	107.9	54.9	216	102.1						
105				34.1	195	102.1	51.1	212	97.4						
110				28.0	186	93.8	47.0	207	92.0						
115				22.3	177	33.4	42.7	202	87.1						
120							37.9	196	82.6						
122										55.0	207	66.4			
125							32.6	188	78.6	52.8	205	72.6			
130							26.2	179	74.8	48.9	201	69.1			
135										44.7	196	66.0			
140										39.4	189	63.1			
145										34.2	182	60.4			
150										29.2	175	57.9			
155										21.9	164	55.5			
183													35.0	155	38.2
185													33.2	153	37.6
190													27.0	144	36.3
195													20.9	134	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  
 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 ]
134 ft Main boom 105 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
37	78.0	246	221.4												
40	76.3	246	221.4												
45	73.4	244	208.2												
50	70.5	242	191.7												
55	67.6	240	179.5												
58				73.0	243	181.9									
60	64.6	238	167.5	71.6	242	181.6									
65	61.5	236	158.6	68.7	240	167.3									
70	58.3	232	148.7	65.7	238	155.5									
75	55.0	229	139.7	62.7	235	145.2									
80	51.6	225	132.4	59.5	232	136.2									
85	47.9	221	123.8	56.3	229	127.4									
90							65.0	233	66.4						
90	44.1	216	113.7	52.9	226	120.4	64.9	233	112.7						
95	39.9	210	104.6	49.3	221	114.5	61.8	230	108.1						
100	35.3	203	96.8	45.5	216	108.0	58.7	228	102.8						
105	30.1	195	88.2	41.5	211	102.1	55.4	224	96.9						
110	23.9	185	79.1	37.1	205	97.1	51.9	220	91.8						
115				32.2	197	91.4	48.3	216	87.0						
120				26.4	188	83.9	44.5	211	82.5						
125				20.9	179	33.4	40.4	205	78.5						
127										55.0	215	66.4			
130							35.8	199	74.8	53.5	214	69.0			
135							30.7	191	71.4	49.6	209	65.8			
140							24.7	181	68.3	46.2	205	63.0			
145										41.7	199	60.3			
150										37.3	192	57.8			
155										33.1	186	55.5			
160										27.5	177	53.3			
165										20.6	165	51.2			
191													35.0	161	35.9
195													30.4	154	34.8
200													25.4	146	33.7
205													19.6	136	32.6

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 ]
<b>134 ft Main boom</b> <b>115 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)</b>															
39	78.0	256	204.5												
40	77.5	256	204.5												
45	74.9	254	199.2												
50	72.3	253	186.9												
55	69.6	251	174.6												
60	66.9	249	163.8												
60				73.0	252	170.3									
65	64.1	247	153.7	70.6	251	165.8									
70	61.3	244	146.2	67.9	249	153.5									
75	58.4	241	137.1	65.2	246	142.9									
80	55.4	238	128.7	62.4	244	134.1									
85	52.3	234	121.7	59.5	241	126.3									
90	49.0	230	115.2	56.5	238	118.6									
94							65.0	242	66.4						
95	45.6	225	106.5	53.5	234	112.3	64.4	242	105.7						
100	41.9	219	98.5	50.2	230	107.1	61.6	239	101.3						
105	37.9	213	91.4	46.9	225	101.4	58.7	236	96.4						
110	33.5	206	85.2	43.3	220	96.2	55.7	233	91.3						
115	28.6	197	77.6	39.4	214	91.6	52.6	229	86.4						
120	22.6	186	69.9	35.2	208	87.5	49.4	225	82.0						
125				30.5	200	81.4	45.9	220	78.0						
130				25.0	190	74.9	42.3	215	74.3						
133										55.0	223	66.4			
135							38.4	209	71.0	53.8	222	65.2			
140							34.0	202	67.8	50.8	218	62.4			
145							29.2	193	64.9	47.1	213	59.7			
150							22.1	180	62.2	43.5	208	57.2			
155										39.6	202	54.9			
160										36.0	196	52.8			
165										31.4	188	50.8			
170										26.1	179	48.9			
175										19.4	167	47.1			
199													35.0	166	33.0
200													34.6	166	32.8
205													30.8	159	31.8
210													25.4	150	30.7
215													18.4	137	29.7

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 ]
134 ft Main boom 125 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
41	78.0	266	190.7												
45	76.1	265	190.7												
50	73.7	263	182.6												
55	71.3	262	170.6												
60	68.8	260	161.3												
63				73.0	262	161.5									
65	66.3	258	151.2	72.2	261	161.3									
70	63.8	255	142.6	69.8	259	153.0									
75	61.2	252	136.2	67.3	257	143.7									
80	58.5	249	127.7	64.7	255	133.1									
85	55.7	246	119.8	62.2	252	125.3									
90	52.9	242	113.2	59.5	249	118.7									
95	49.9	238	107.8	56.8	246	111.6									
98							65.0	251	66.4						
100	46.8	234	100.3	54.0	243	105.8	64.1	250	100.2						
105	43.5	229	93.3	51.0	239	101.3	61.5	248	95.8						
110	40.0	223	86.9	48.0	234	96.3	58.8	244	90.9						
115	36.2	216	81.3	44.7	229	91.4	56.0	241	86.1						
120	32.0	209	75.6	41.3	224	87.1	53.2	238	81.7						
125	27.2	200	69.2	37.6	218	83.0	50.2	234	77.7						
130	21.4	188	62.7	33.6	210	79.0	47.1	229	74.0						
135				29.1	202	73.4	43.8	224	70.7						
139										55.0	231	62.7			
140				23.8	192	67.5	40.4	218	67.5	54.2	230	61.9			
145							36.6	212	64.7	51.3	226	59.3			
150							32.5	204	62.0	48.5	222	56.9			
155							27.8	195	59.5	45.3	218	54.6			
160							20.9	182	57.1	41.5	211	52.4			
165										37.8	205	50.4			
170										34.4	199	48.6			
175										29.9	191	46.8			
180										23.8	179	45.1			
185										19.9	171	33.4			
207													35.0	172	30.7
210													33.9	170	30.2
215													29.4	162	29.2
220													24.1	151	28.2

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 ]
134 ft Main boom 134 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
43	78.0	275	174.6												
45	77.1	275	174.6												
50	74.9	274	170.8												
55	72.7	272	164.0												
60	70.5	270	155.0												
65	68.2	268	148.2												
66				73.0	271	152.3									
70	65.8	266	139.4	71.3	270	152.0									
75	63.5	264	132.2	69.0	268	141.0									
80	61.0	261	126.7	66.7	266	132.5									
85	58.6	258	118.8	64.4	263	123.6									
90	56.0	255	111.5	62.0	261	117.0									
95	53.4	251	105.2	59.5	258	110.7									
100	50.6	247	100.0	57.0	255	104.5									
102							65.0	260	66.4						
105	47.8	242	94.1	54.4	251	99.3	63.7	259	94.6						
110	44.8	238	87.9	51.7	247	95.0	61.3	256	89.7						
115	41.7	232	82.2	48.9	243	91.0	58.8	253	85.5						
120	38.3	226	77.1	46.0	238	86.6	56.3	250	81.1						
125	34.6	219	72.6	42.9	233	82.6	53.7	246	77.1						
130	30.6	211	67.3	39.6	227	78.7	50.9	242	73.5						
135	26.0	201	61.8	36.0	221	75.1	48.1	238	70.1						
140	20.4	189	56.2	32.2	213	71.2	45.1	233	67.0						
144										55.0	239	59.0			
145				27.8	204	66.1	42.0	228	64.2	54.6	239	58.7			
150				22.7	193	60.9	38.2	220	61.5	51.9	235	56.2			
155							34.5	213	59.0	49.4	231	54.0			
160							30.3	205	56.7	46.5	226	51.9			
165							26.5	197	54.6	43.4	221	49.9			
170							21.1	186	52.5	39.7	215	48.0			
175										36.7	209	46.3			
180										32.2	200	44.6			
185										27.8	191	43.0			
190										22.6	180	41.5			
195										18.9	172	33.4			
215													35.0	178	28.2
215													34.9	178	28.2
220													32.4	173	27.4
225													28.1	164	26.5
230													23.0	153	25.6

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 ]
134 ft Main boom 144 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
45	78.0	285	161.6												
50	76.0	284	160.3												
55	73.9	282	155.7												
60	71.8	281	149.4												
65	69.7	279	143.5												
69				73.0	280	144.8									
70	67.6	277	137.4	72.6	280	144.8									
75	65.4	275	129.9	70.5	278	141.2									
80	63.2	272	123.7	68.4	276	131.3									
85	60.9	269	118.9	66.2	274	123.8									
90	58.6	266	111.5	64.0	272	116.1									
95	56.3	263	104.7	61.8	269	110.2									
100	53.8	260	98.8	59.5	266	104.6									
105	51.3	256	93.8	57.2	263	98.9									
106							65.0	269	66.4						
110	48.7	251	89.0	54.7	260	94.0	63.4	267	90.1						
115	45.9	246	83.4	52.2	256	89.9	61.2	264	85.0						
120	43.1	241	78.3	49.7	252	86.5	58.9	262	80.9						
125	40.0	236	73.6	47.0	247	82.4	56.5	258	76.9						
130	36.8	229	69.4	44.2	242	78.5	54.1	255	73.3						
135	33.3	222	65.4	41.2	237	74.9	51.6	251	69.9						
140	29.4	213	60.7	38.0	230	71.6	49.0	246	66.8						
145	24.9	203	55.9	34.6	223	68.6	46.2	242	64.0						
150	19.5	190	51.0	30.9	215	64.8	43.0	236	61.3	55.0	247	56.0			
155				26.7	206	60.1	40.4	231	58.9	52.5	244	53.7			
160				21.7	194	55.4	37.1	225	56.6	49.9	239	51.6			
165							33.1	216	54.4	47.2	235	49.6			
170							29.8	209	52.4	44.3	230	47.8			
175							25.4	199	50.5	41.7	225	46.1			
180							19.0	184	48.6	38.1	218	44.4			
185										35.3	212	42.9			
190										31.6	204	41.4			
195										27.5	195	40.0			
200										22.6	184	38.7			
205										18.0	173	33.4			
223													35.0	183	26.4
225													34.8	183	26.2
230													31.1	175	25.3
235													26.9	166	24.5
240													22.0	154	23.7

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 ]
134 ft Main boom 154 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
47	78.0	294	147.5												
50	76.9	294	147.5												
55	75.0	292	144.1												
60	73.0	291	140.5												
65	71.1	289	135.2												
70	69.1	288	131.2												
72				73.0	290	136.7									
75	67.1	285	125.7	71.8	289	136.5									
80	65.0	283	119.8	69.8	287	130.1									
85	63.0	281	114.9	67.8	285	122.0									
90	60.8	278	111.1	65.8	283	114.9									
95	58.7	275	104.3	63.8	280	108.2									
100	56.5	272	98.0	61.6	278	103.1									
105	54.2	268	92.5	59.5	275	98.0									
110	51.8	264	87.7	57.3	272	92.8									
110							65.0	278	66.4						
115	49.4	260	83.6	55.0	268	88.3	63.2	276	84.6						
120	46.9	255	78.7	52.7	264	84.4	61.1	273	80.2						
125	44.3	250	74.1	50.3	260	81.6	58.9	270	76.4						
130	41.5	245	69.8	47.8	256	78.0	56.7	267	72.7						
135	38.6	239	65.9	45.3	251	74.5	54.4	263	69.4						
140	35.4	232	62.5	42.5	246	71.2	52.1	259	66.3						
145	32.0	224	58.8	39.7	240	68.2	49.7	255	63.5						
150	28.2	215	54.6	36.6	233	65.3	46.9	250	60.8						
155	23.9	205	50.4	33.3	226	62.7	44.5	246	58.4						
156										55.0	256	52.8			
160	18.6	192	46.2	29.7	218	58.5	41.8	240	56.1	52.9	252	51.0			
165				25.6	208	54.4	38.5	233	53.9	50.8	248	49.1			
170				20.8	196	50.2	35.3	226	51.9	48.0	244	47.2			
175							31.8	219	50.0	45.4	239	45.5			
180							28.0	210	48.2	43.0	234	43.9			
185							23.6	199	46.5	39.8	228	42.3			
190							18.1	185	44.9	37.2	222	40.9			
195										33.9	215	39.5			
200										30.4	207	38.2			
205										25.6	195	36.9			
210										20.7	183	35.7			
215										17.2	174	33.4			
231													35.0	189	24.2
235													33.5	186	23.6
240													29.9	178	22.9
245													25.9	168	22.1
250													21.1	156	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 ]
134 ft Main boom 164 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
49	78.0	304	136.0												
50	77.7	304	136.0												
55	75.9	303	134.8												
60	74.1	301	131.4												
65	72.3	300	127.9												
70	70.4	298	124.3												
75				73.0	299	130.1									
75	68.5	296	121.7	73.0	299	130.1									
80	66.6	294	116.4	71.1	298	129.5									
85	64.7	292	111.7	69.2	296	121.2									
90	62.8	289	107.9	67.4	294	115.0									
95	60.8	286	104.8	65.4	291	108.1									
100	58.7	283	98.4	63.5	289	102.1									
105	56.6	280	92.6	61.5	286	97.4									
110	54.5	277	87.3	59.5	283	92.9									
115							65.0	287	66.4						
115	52.3	273	82.8	57.4	280	88.2	64.9	287	80.9						
120	50.1	269	78.9	55.3	277	84.0	63.0	284	80.0						
125	47.7	264	74.7	53.2	273	80.5	61.0	281	76.0						
130	45.3	259	70.6	50.9	269	77.5	58.9	278	72.4						
135	42.7	254	66.7	48.6	265	74.2	56.9	275	69.0						
140	40.1	248	63.1	46.2	260	70.9	54.7	272	65.9						
145	37.2	242	59.9	43.7	255	67.8	52.6	268	63.1						
150	34.2	235	57.0	41.1	249	65.0	50.3	264	60.5						
155	30.9	227	53.4	38.3	243	62.4	47.7	259	58.0						
160	27.2	218	49.7	35.4	236	60.0	45.3	254	55.7						
161										55.0	264	50.1			
165	23.0	206	46.0	31.6	227	57.2	43.0	249	53.6	53.4	261	48.6			
170	17.9	193	42.2	28.7	220	53.5	40.4	244	51.6	51.1	257	46.8			
175				24.7	210	49.7	37.1	236	49.7	48.8	252	45.1			
180				19.9	197	45.9	34.0	229	47.9	46.6	248	43.5			
185							30.7	221	46.2	43.9	242	41.9			
190							27.6	213	44.7	41.6	238	40.5			
195							22.7	200	43.1	38.4	231	39.1			
200							18.5	189	41.7	35.4	224	37.8			
205										32.8	217	36.6			
210										29.3	209	35.4			
215										25.4	199	34.3			
220										21.9	190	33.2			
239													35.0	195	22.3
240													34.4	193	22.2
245													32.4	188	21.5
250													28.9	180	20.8
255													24.9	170	20.1
260													20.3	157	19.4

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 ]
134 ft Main boom 174 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
51	78.0	314	124.4												
55	76.7	313	124.4												
60	75.0	312	121.7												
65	73.3	310	119.4												
70	71.6	308	115.8												
75	69.8	307	113.0												
78				73.0	309	122.5									
80	68.0	305	110.3	72.2	308	122.3									
85	66.2	302	106.2	70.5	306	119.3									
90	64.4	300	102.6	68.7	304	112.6									
95	62.6	298	99.6	66.9	302	107.4									
100	60.7	295	97.2	65.1	300	101.1									
105	58.8	292	91.6	63.3	297	95.8									
110	56.8	289	86.4	61.4	295	91.7									
115	54.8	285	81.8	59.5	292	87.6									
119							65.0	296	66.4						
120	52.7	281	77.7	57.6	289	83.2	64.6	295	76.7						
125	50.6	277	74.2	55.6	285	79.4	62.8	293	75.4						
130	48.4	273	70.7	53.5	282	76.0	60.9	290	71.8						
135	46.2	268	67.0	51.4	278	73.1	59.0	287	68.5						
140	43.8	263	63.4	49.3	274	70.2	57.0	284	65.4						
145	41.4	258	60.1	47.0	269	67.2	55.0	280	62.6						
150	38.8	252	57.1	44.7	264	64.4	52.8	276	59.9						
155	36.0	245	54.3	42.3	259	61.7	50.7	272	57.5						
160	33.1	237	51.6	39.8	253	59.2	48.4	268	55.2						
165	29.9	229	48.4	37.1	246	57.0	46.4	264	53.1						
167										55.0	272	47.3			
170	26.3	220	45.1	34.2	239	54.7	44.1	258	51.1	53.7	269	46.2			
175	22.2	208	41.8	31.1	231	51.4	41.3	252	49.2	51.6	265	44.5			
180	17.1	194	38.4	27.7	222	48.2	38.7	246	47.4	49.7	262	42.9			
185				23.8	211	44.9	36.3	240	45.8	47.4	257	41.4			
190				19.2	198	41.5	32.9	232	44.2	44.9	252	39.9			
195							29.7	223	42.7	42.4	246	38.5			
200							26.7	215	41.3	40.2	241	37.3			
205							21.8	202	39.9	37.2	234	36.0			
210							18.9	194	33.4	34.7	228	34.9			
215										31.1	219	33.7			
220										29.1	213	32.7			
225										25.4	203	31.7			
230										21.1	191	30.7			
247													35.0	200	20.3
250													34.4	199	20.0
255													31.3	191	19.3
260													27.9	182	18.6
265													24.1	171	18.0
270													19.5	158	17.4

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 ]
134 ft Main boom 184 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
53	78.0	323	114.9												
55	77.4	323	114.9												
60	75.8	322	113.9												
65	74.2	320	111.4												
70	72.6	319	109.0												
75	70.9	317	106.1												
80	69.3	315	103.9												
81				73.0	318	116.0									
85	67.6	313	101.2	71.6	317	115.5									
90	65.9	311	98.0	69.9	315	111.4									
95	64.2	309	95.2	68.2	313	105.4									
100	62.4	306	92.9	66.5	311	100.6									
105	60.6	303	91.0	64.8	308	95.2									
110	58.8	300	86.0	63.1	306	90.6									
115	57.0	297	81.4	61.3	303	86.9									
120	55.1	294	77.3	59.5	300	83.1									
123							65.0	305	66.4						
125	53.1	290	73.6	57.7	297	79.1	64.3	304	73.3						
130	51.1	286	70.3	55.8	294	75.5	62.6	301	71.5						
135	49.1	282	67.4	53.9	290	72.3	60.8	298	68.2						
140	47.0	277	64.0	51.9	286	69.5	59.0	295	65.2						
145	44.8	272	60.7	49.9	282	67.0	57.0	292	62.3						
150	42.5	267	57.7	47.8	278	64.2	55.1	288	59.7						
155	40.1	261	54.8	45.6	273	61.4	53.2	285	57.2						
160	37.6	255	52.2	43.4	268	58.9	51.3	281	55.0						
165	34.9	248	49.9	41.0	262	56.4	49.1	276	52.8						
170	32.0	240	47.2	38.5	256	54.2	47.0	272	50.8						
172										55.0	280	45.0			
175	28.9	231	44.3	35.9	249	52.1	45.0	268	49.0	54.0	278	44.2			
180	25.4	221	41.3	33.1	242	49.7	42.4	262	47.2	52.1	274	42.6			
185	21.4	210	38.3	30.1	234	46.8	40.0	256	45.5	50.0	270	41.1			
190	16.5	194	35.3	26.8	224	43.9	37.9	250	44.0	48.1	266	39.7			
195				23.0	213	41.0	35.2	243	42.5	45.7	260	38.3			
200				18.5	199	37.9	32.4	236	41.1	43.5	255	37.0			
205							28.7	226	39.7	41.4	250	35.8			
210							25.2	215	38.4	38.6	244	34.6			
215							21.1	203	37.2	36.0	237	33.5			
220										34.3	232	32.5			
225										31.3	224	31.5			
230										28.1	215	30.5			
235										24.6	205	29.6			
240										20.4	192	28.6			
255													35.0	206	18.8
260													33.3	202	18.3
265													30.3	193	17.7
270													27.0	184	17.1
275													23.3	173	16.5
280													18.8	160	15.9

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 ]
134 ft Main boom 194 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
55	78.0	333	105.4												
60	76.6	332	105.3												
65	75.0	331	103.2												
70	73.5	329	101.5												
75	71.9	328	98.9												
80	70.4	326	96.6												
84				73.0	328	106.2									
85	68.8	324	94.9	72.5	327	106.1									
90	67.2	322	92.2	71.0	325	105.4									
95	65.6	320	89.4	69.4	323	101.6									
100	63.9	317	87.0	67.8	321	97.7									
105	62.3	314	85.0	66.2	319	93.7									
110	60.6	312	83.2	64.5	317	89.0									
115	58.8	309	79.1	62.9	314	85.0									
120	57.1	306	75.3	61.2	312	81.8									
125	55.3	302	71.8	59.5	309	78.2									
127							65.0	314	66.4						
130	53.5	298	68.7	57.7	306	74.6	64.1	312	69.3						
135	51.6	295	65.9	56.0	302	71.3	62.4	310	67.7						
140	49.7	290	63.6	54.2	299	68.4	60.7	307	64.6						
145	47.7	286	60.6	52.3	295	65.8	58.9	304	61.8						
150	45.6	281	57.6	50.4	291	63.6	57.3	301	59.2						
155	43.5	276	54.8	48.4	286	61.0	55.4	297	56.7						
160	41.3	270	52.2	46.4	282	58.4	53.7	294	54.5						
165	38.9	264	49.7	44.3	277	56.0	51.6	289	52.3						
170	36.5	258	47.5	42.1	271	53.6	49.7	285	50.3						
175	33.9	250	45.5	39.8	266	51.5	47.9	281	48.5						
178										55.0	288	42.5			
180	31.1	242	42.9	37.4	259	49.5	45.6	276	46.7	54.5	287	42.0			
185	28.0	234	40.2	34.9	252	47.7	43.7	271	45.1	52.6	283	40.5			
190	24.6	223	37.5	32.2	244	45.2	41.2	265	43.5	50.5	278	39.0			
195	20.7	211	34.8	29.2	236	42.6	38.9	259	42.0	48.8	275	37.7			
200	15.9	195	32.0	26.0	226	39.9	36.4	252	40.6	46.8	270	36.4			
205				22.3	214	37.3	34.2	246	39.3	44.4	264	35.1			
210				18.9	204	31.8	30.9	237	38.0	42.5	260	34.0			
215							28.4	229	36.8	40.7	255	32.9			
220							24.4	217	35.6	38.4	249	31.8			
225							20.4	204	34.5	35.9	242	30.8			
230										33.3	235	29.8			
235										30.4	227	28.9			
240										27.3	217	27.9			
245										23.8	207	27.0			
250										19.7	194	26.2			
263													35.0	212	16.9
265													34.5	210	16.8
270													32.3	204	16.2
275													29.4	196	15.6
280													26.2	186	15.1
285													22.5	174	14.5
290													18.1	161	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 ]
134 ft Main boom 203 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
57	78.0	343	97.6												
60	77.2	342	97.6												
65	75.8	341	96.6												
70	74.3	339	94.7												
75	72.9	338	93.0												
80	71.4	336	90.8												
85	69.9	334	89.1												
86				73.0	337	98.2									
90	68.4	332	87.6	71.9	336	97.9									
95	66.8	330	84.9	70.4	334	97.1									
100	65.3	328	82.5	68.9	332	94.5									
105	63.7	326	80.4	67.4	330	92.0									
110	62.1	323	78.6	65.9	328	88.2									
115	60.5	320	76.9	64.3	325	84.0									
120	58.9	317	73.5	62.7	323	80.4									
125	57.2	314	70.3	61.1	320	77.6									
130	55.5	311	67.3	59.5	317	74.3									
131							65.0	322	66.0						
135	53.8	307	64.7	57.8	314	71.0	63.9	321	66.1						
140	52.0	303	62.3	56.1	311	68.0	62.2	318	64.2						
145	50.2	299	60.2	54.4	307	65.2	60.6	315	61.4						
150	48.3	295	57.8	52.7	304	62.8	59.0	312	58.8						
155	46.4	290	55.1	50.9	300	60.7	57.3	309	56.3						
160	44.4	285	52.5	49.0	295	58.4	55.7	306	54.1						
165	42.3	280	50.1	47.1	291	56.0	53.8	302	51.9						
170	40.1	274	47.8	45.1	286	53.7	52.2	298	50.0						
175	37.9	268	45.6	43.1	280	51.5	50.2	294	48.1						
180	35.5	261	43.7	40.9	275	49.4	48.3	290	46.3						
184										55.0	296	40.2			
185	32.9	253	41.7	38.7	269	47.5	46.3	285	44.7	54.6	295	39.8			
190	30.2	245	39.3	36.4	262	45.7	44.3	280	43.1	52.8	291	38.4			
195	27.2	236	36.9	33.9	255	43.9	42.2	274	41.6	51.2	288	37.1			
200	23.9	225	34.4	31.3	247	41.5	40.1	268	40.2	49.3	283	35.8			
205	20.1	212	31.9	28.4	238	39.1	37.8	262	38.9	47.2	278	34.5			
210				25.2	228	36.7	35.7	256	37.7	45.5	274	33.4			
215				21.6	216	34.3	33.2	249	36.5	43.9	270	32.3			
220				18.3	205	31.1	30.0	239	35.3	41.8	264	31.3			
225							27.0	230	34.2	39.6	258	30.2			
230							24.3	221	33.2	37.3	252	29.3			
235							21.4	211	32.2	34.9	245	28.3			
240										32.3	237	27.4			
245										29.5	229	26.5			
250										26.5	219	25.7			
255										23.1	208	24.9			
260										19.1	195	24.1			
271													35.0	217	15.4
275													34.1	214	15.1
280													31.4	207	14.5
285													28.6	198	14.0
290													25.4	188	13.5
295													21.8	176	12.9
300													17.5	162	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 ]
134 ft Main boom 213 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
59	78.0	352	90.0												
60	77.8	352	90.0												
65	76.5	351	89.8												
70	75.1	350	88.1												
75	73.7	348	86.8												
80	72.3	347	85.0												
85	70.8	345	83.2												
89				73.0	346	89.0									
90	69.4	343	81.7	72.8	346	88.9									
95	68.0	341	80.1	71.4	344	88.6									
100	66.5	339	77.7	69.9	343	87.4									
105	65.0	337	75.6	68.5	341	85.2									
110	63.5	334	73.7	67.0	338	83.4									
115	62.0	332	72.1	65.6	336	79.8									
120	60.5	329	70.6	64.1	334	76.3									
125	58.9	326	67.6	62.6	331	73.5									
130	57.3	323	64.7	61.0	329	71.1									
135	55.7	319	62.1	59.5	326	68.3									
136							65.0	331	62.8						
140	54.0	316	59.8	57.9	323	65.4	63.6	329	62.8						
145	52.3	312	57.6	56.3	319	62.7	62.2	327	60.9						
150	50.6	308	55.7	54.7	316	60.2	60.6	324	58.2						
155	48.8	303	53.8	53.0	312	58.0	59.0	321	55.8						
160	47.0	299	51.5	51.3	308	56.1	57.4	318	53.5						
165	45.1	294	49.3	49.5	304	54.3	55.7	314	51.4						
170	43.2	289	47.1	47.7	299	52.2	54.1	310	49.4						
175	41.2	283	45.1	45.9	295	50.2	52.4	307	47.6						
180	39.1	277	43.2	43.9	290	48.3	50.6	303	45.8						
185	36.9	271	41.5	41.7	283	46.5	48.9	298	44.2						
190										55.0	304	37.7			
190	34.5	264	39.9	39.6	277	44.8	47.0	294	42.6	55.0	304	37.6			
195	32.1	256	37.9	37.4	271	43.3	45.3	289	41.2	53.1	300	36.2			
200	29.4	247	35.7	35.1	264	41.9	43.4	284	39.8	51.4	296	34.9			
205	26.5	238	33.5	33.0	258	40.0	41.1	278	38.4	49.7	292	33.7			
210	23.2	226	31.2	30.4	249	37.8	39.3	272	37.2	48.4	288	32.6			
215	19.4	213	28.9	27.6	240	35.6	37.1	266	36.0	46.6	284	31.5			
220				24.5	230	33.4	34.4	258	34.8	44.7	279	30.5			
225				20.9	217	31.2	32.3	251	33.8	42.7	274	29.4			
230							29.2	241	32.7	40.7	268	28.5			
235							27.4	236	31.8	38.6	262	27.5			
240							24.3	225	30.8	36.3	255	26.6			
245							20.7	213	29.9	34.0	248	25.8			
250										31.5	240	24.9			
255										28.7	231	24.1			
260										25.8	221	23.4			
265										22.4	210	22.6			
270										18.5	196	21.8			
279													35.0	223	13.6
280													34.7	222	13.6
285													33.2	217	13.1
290													30.6	209	12.6
295													27.8	200	12.1
300													24.7	190	11.7
305													21.2	177	11.2
310													17.0	162	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 ]
134 ft Main boom 223 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
62	78.0	362	83.9												
65	77.1	361	83.9												
70	75.7	360	82.8												
75	74.4	358	81.4												
80	73.1	357	80.3												
85	71.7	355	78.5												
90	70.4	354	77.0												
92				73.0	356	81.4									
95	69.0	352	75.8	72.2	355	81.2									
100	67.6	350	74.0	70.9	353	80.7									
105	66.2	348	71.9	69.5	351	79.3									
110	64.8	345	70.0	68.1	349	77.8									
115	63.3	343	68.3	66.7	347	76.2									
120	61.9	340	66.8	65.3	345	73.0									
125	60.4	337	65.4	63.9	342	70.2									
130	58.9	334	62.7	62.4	340	67.8									
135	57.4	331	60.2	61.0	337	65.9									
140							65.0	340	60.1						
140	55.9	328	57.9	59.5	334	63.4	64.9	340	60.1						
145	54.3	324	55.7	58.0	331	60.8	63.4	338	60.1						
150	52.7	320	53.8	56.4	328	58.3	62.0	335	58.0						
155	51.0	316	52.1	54.9	324	56.1	60.5	332	55.5						
160	49.4	312	50.5	53.3	321	54.1	59.1	329	53.3						
165	47.6	308	48.5	51.7	317	52.4	57.6	326	51.2						
170	45.8	303	46.6	50.0	313	50.8	56.0	323	49.2						
175	44.0	298	44.7	48.3	308	49.1	54.3	319	47.3						
180	42.1	292	42.9	46.3	303	47.3	52.9	316	45.6						
185	40.1	286	41.2	44.5	298	45.8	51.1	311	43.9						
190	38.1	280	39.6	42.6	292	44.3	49.5	307	42.4						
195	35.9	274	38.2	40.6	287	42.8	47.6	302	40.9						
195										55.0	312	35.7			
200	33.7	266	36.9	38.6	281	41.5	45.8	298	39.5	53.4	308	34.5			
205	31.2	258	34.8	36.4	274	40.3	44.2	293	38.2	52.3	306	33.4			
210	28.6	249	32.8	34.2	267	39.0	42.1	287	36.9	50.7	302	32.2			
215	25.8	239	30.7	31.8	259	37.0	40.1	281	35.7	49.0	297	31.1			
220	22.6	228	28.6	29.2	250	34.9	38.3	276	34.6	47.2	293	30.1			
225	18.9	214	26.5	26.4	240	32.8	35.8	268	33.5	45.4	288	29.1			
230				23.2	229	30.7	34.4	263	32.5	43.6	283	28.1			
235				20.3	219	28.6	32.0	256	31.5	41.7	277	27.2			
240							29.5	247	30.6	39.7	271	26.3			
245							26.7	238	29.6	37.6	265	25.4			
250							23.7	227	28.8	35.4	258	24.6			
255							20.1	214	27.9	33.1	251	23.8			
260										30.7	242	23.0			
265										28.0	233	22.2			
270										25.1	223	21.5			
275										21.8	211	20.8			
280										17.9	197	20.1			
287													35.0	229	12.4
290													34.7	228	12.2
295													32.3	220	11.8
300													29.8	211	11.3
305													27.0	202	10.8
310													24.0	191	10.4
315													20.6	179	9.9

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 ]
134 ft Main boom 233 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
64	78.0	372	77.0												
65	77.6	371	77.0												
70	76.4	370	76.6												
75	75.1	369	75.3												
80	73.8	367	74.3												
85	72.5	366	73.0												
90	71.2	364	71.5												
95	69.9	362	70.4	73.0	365	75.7									
100	68.6	360	69.4	71.7	364	75.5									
105	67.3	358	67.7	70.4	362	74.7									
110	65.9	356	66.0	69.1	360	73.4									
115	64.6	354	64.5	67.8	358	72.2									
120	63.2	351	63.2	66.4	356	70.8									
125	61.8	348	62.0	65.1	353	68.5									
130	60.4	346	60.9	63.7	351	66.6									
135	58.9	343	58.7	62.3	348	64.9									
140	57.5	340	56.6	60.9	346	63.6									
144							65.0	349	57.0						
145	56.0	336	54.7	59.5	343	61.4	64.7	349	57.0						
150	54.5	333	52.9	58.0	340	58.8	63.3	346	57.0						
155	53.0	329	51.3	56.6	336	56.5	61.9	343	55.0						
160	51.4	325	49.8	55.1	333	54.4	60.5	341	52.7						
165	49.8	321	48.5	53.6	329	52.5	59.0	338	50.6						
170	48.2	316	46.8	52.0	325	50.8	57.7	335	48.7						
175	46.5	312	44.8	50.4	321	49.3	56.1	331	46.8						
180	44.8	307	43.0	48.8	317	47.5	54.7	328	45.1						
185	43.0	302	41.2	47.1	312	45.8	53.0	324	43.4						
190	41.1	296	39.5	45.4	308	44.0	51.6	320	41.9						
195	39.2	290	37.9	43.6	302	42.4	49.8	316	40.4						
200	37.2	283	36.4	41.6	296	40.8	48.2	311	39.0						
201										55.0	320	33.5			
205	35.1	276	35.0	39.6	290	39.4	46.5	306	37.7	54.2	318	32.6			
210	32.8	269	33.6	37.6	284	38.0	44.7	302	36.4	52.6	314	31.4			
215	30.5	261	31.6	35.5	277	36.8	42.9	296	35.2	51.0	310	30.3			
220	27.9	252	29.7	33.7	271	35.4	41.1	290	34.1	49.4	306	29.3			
225	25.1	241	27.8	31.4	263	33.5	39.1	284	33.0	47.8	302	28.3			
230	22.0	230	25.9	28.9	254	31.6	37.8	280	32.1	46.1	297	27.3			
235	18.3	216	23.9	26.2	244	29.7	35.8	274	31.1	44.3	292	26.4			
240				23.2	233	27.8	33.6	266	30.1	42.5	286	25.5			
245				20.6	223	25.9	31.2	258	29.2	40.7	281	24.6			
250							28.8	249	28.3	38.7	274	23.8			
255							26.0	240	27.4	36.7	268	23.0			
260							23.0	228	26.6	34.6	261	22.3			
265							19.6	215	25.7	32.3	253	21.5			
270										29.9	245	20.8			
275										27.3	235	20.1			
280										24.4	225	19.4			
285										21.2	213	18.8			
290										17.4	198	18.1			
296													35.0	234	10.8
300													33.8	230	10.5
305													31.5	222	10.0
310													29.0	214	9.6
315													26.4	204	9.1
320													23.4	193	8.7
325													20.0	180	8.3

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 ]
134 ft Main boom 243 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
66	78.0	381	71.3												
70	76.9	380	71.3												
75	75.7	379	70.5												
80	74.5	378	69.3												
85	73.2	376	68.5												
90	72.0	374	67.1												
95	70.8	373	65.9												
98				73.0	374	71.1									
100	69.5	371	65.0	72.5	374	71.0									
105	68.2	369	64.1	71.2	372	70.8									
110	66.9	367	62.6	70.0	370	69.8									
115	65.6	364	61.3	68.7	368	68.7									
120	64.3	362	60.1	67.4	366	67.8									
125	63.0	360	59.1	66.1	364	66.5									
130	61.6	357	58.1	64.8	362	65.1									
135	60.3	354	57.2	63.5	359	63.7									
140	59.0	351	55.3	62.2	357	62.6									
145	57.6	348	53.6	60.9	354	61.7									
148							65.0	358	54.6						
150	56.2	345	52.0	59.5	351	59.7	64.5	357	54.6						
155	54.7	341	50.5	58.1	348	57.3	63.1	355	54.5						
160	53.3	338	49.2	56.7	345	55.1	61.8	352	52.3						
165	51.8	334	47.9	55.3	341	53.0	60.4	349	50.2						
170	50.2	330	46.8	53.8	338	51.1	59.1	346	48.3						
175	48.7	325	45.5	52.3	334	49.5	57.6	343	46.4						
180	47.1	321	43.5	50.8	330	48.0	56.3	340	44.7						
185	45.4	316	41.7	49.3	326	46.4	54.8	336	43.0						
190	43.7	311	39.9	47.7	321	44.6	53.4	333	41.5						
195	42.0	305	38.2	46.0	316	42.9	51.8	328	40.0						
200	40.2	299	36.6	44.4	311	41.2	50.2	324	38.6						
205	38.3	293	35.1	42.6	306	39.6	48.7	320	37.3						
206										55.0	328	31.5			
210	36.3	286	33.7	40.9	300	38.1	47.2	316	36.1	54.4	326	30.8			
215	34.2	279	32.4	39.0	294	36.6	45.6	311	34.9	52.9	323	29.7			
220	32.1	271	30.8	37.1	288	35.3	43.7	305	33.7	51.4	319	28.7			
225	29.7	263	29.1	35.0	281	34.1	42.2	300	32.7	49.9	315	27.7			
230	27.2	254	27.3	32.9	273	32.5	40.1	294	31.6	48.3	310	26.7			
235	24.5	243	25.5	30.6	265	30.8	38.9	290	30.7	46.7	306	25.8			
240	21.4	231	23.7	28.2	256	29.0	37.0	283	29.7	45.0	301	24.9			
245	17.8	217	21.8	26.1	248	27.4	34.9	276	28.7	43.3	296	24.0			
250				23.3	237	25.9	32.8	269	27.8	41.6	290	23.2			
255				20.0	224	24.3	30.5	260	26.9	39.7	284	22.4			
260							28.1	252	26.1	37.8	278	21.7			
265							25.4	241	25.2	35.8	271	21.0			
270							22.4	230	24.4	33.8	264	20.3			
275							19.0	216	23.6	31.5	256	19.6			
280										29.2	247	18.9			
285										26.6	237	18.3			
290										23.8	226	17.6			
295										20.6	214	17.0			
300										16.9	199	16.4			
304													35.0	240	9.4
305													34.7	239	9.4
310													33.0	233	9.0
315													30.8	225	8.6
320													28.4	216	8.1
325													25.7	206	7.7
330													22.8	194	7.3
335													19.5	181	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 ]
134 ft Main boom 253 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
68	78.0	391	65.8												
70	77.5	390	65.8												
75	76.3	389	65.4												
80	75.1	388	64.4												
85	73.9	386	63.5												
90	72.7	385	62.5												
95	71.5	383	61.4												
100	70.3	381	60.4												
101				73.0	384	65.2									
105	69.1	380	59.7	72.0	383	65.1									
110	67.9	377	58.7	70.8	381	64.7									
115	66.6	375	57.4	69.6	379	63.7									
120	65.4	373	56.3	68.3	377	62.8									
125	64.2	371	55.3	67.1	375	62.1									
130	62.9	368	54.4	65.9	373	60.9									
135	61.6	366	53.6	64.6	370	59.8									
140	60.3	363	52.7	63.3	368	58.8									
145	58.9	360	51.1	62.0	365	58.0									
150	57.7	356	49.7	60.7	362	57.3									
152							65.0	367	51.9						
155	56.3	353	48.4	59.4	359	55.4	64.3	366	51.9						
160	54.9	350	47.1	58.1	356	53.3	63.0	363	51.8						
165	53.5	346	45.9	56.7	353	51.4	61.7	360	49.7						
170	52.1	342	44.9	55.3	350	49.6	60.4	358	47.7						
175	50.6	338	43.9	53.9	346	48.0	59.1	355	45.9						
180	49.1	334	43.0	52.5	342	46.5	57.8	352	44.2						
185	47.6	329	41.2	51.0	338	45.2	56.3	348	42.5						
190	46.0	325	39.5	49.5	334	43.9	55.1	345	41.0						
195	44.4	320	37.9	48.0	329	42.2	53.5	341	39.5						
200	42.8	314	36.3	46.4	325	40.6	52.1	337	38.1						
205	41.1	309	34.8	44.8	320	39.0	50.8	333	36.8						
210	39.3	303	33.3	43.2	314	37.5	49.3	329	35.5						
212										55.0	336	29.4			
215	37.4	296	32.0	41.7	310	36.1	47.8	325	34.3	54.6	335	28.9			
220	35.5	289	30.8	39.7	303	34.7	46.2	320	33.1	53.2	331	27.9			
225	33.5	282	29.6	37.9	296	33.4	44.6	315	32.0	51.7	327	26.9			
230	31.3	274	28.0	35.9	290	32.3	42.7	309	30.9	50.3	323	25.9			
235	29.1	265	26.3	34.3	284	31.1	41.6	305	30.0	48.8	319	25.0			
240	26.6	256	24.6	32.2	276	29.5	39.9	299	29.0	47.2	314	24.1			
245	23.9	245	23.0	29.9	267	27.9	38.0	293	28.0	45.7	310	23.3			
250	20.9	232	21.3	27.5	258	26.3	36.1	286	27.1	44.0	304	22.5			
255	17.3	218	19.6	24.9	248	24.7	34.1	279	26.2	42.4	299	21.7			
260				22.1	236	23.0	32.0	271	25.4	40.6	293	20.9			
265				19.5	226	21.6	29.8	263	24.6	38.9	287	20.2			
270							27.4	254	23.8	37.0	281	19.5			
275							24.8	243	23.0	35.0	274	18.8			
280							21.9	231	22.3	33.0	266	18.2			
285							18.5	218	21.5	30.8	258	17.5			
290										28.5	249	16.9			
295										26.0	239	16.3			
300										23.2	228	15.7			
305										20.1	215	15.2			
312													35.0	246	7.9
315													34.4	243	7.7
320													32.3	236	7.3
325													30.1	227	6.9
330													27.7	218	6.6
335													25.1	208	6.2
340													22.2	196	5.8
345													19.0	182	5.4

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 ]
134 ft Main boom 262 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
70	78.0	400	61.2												
70	78.0	400	61.2												
75	76.8	399	61.2												
80	75.7	398	60.4												
85	74.6	397	59.5												
90	73.4	395	58.8												
95	72.3	394	57.7												
100	71.1	392	56.8												
104				73.0	393	60.5									
105	69.9	390	56.0	72.7	393	60.5									
110	68.8	388	55.3	71.5	391	60.3									
115	67.6	386	54.3	70.4	390	59.7									
120	66.4	384	53.2	69.2	388	58.8									
125	65.2	382	52.2	68.0	386	58.1									
130	64.0	379	51.3	66.8	384	57.4									
135	62.7	376	50.5	65.6	381	56.5									
140	61.5	374	49.8	64.4	379	55.7									
145	60.2	371	49.0	63.2	376	54.9									
150	58.9	368	47.7	61.9	374	54.3									
155	57.7	365	46.5	60.7	371	53.8									
156							65.0	376	49.7						
160	56.4	362	45.4	59.4	368	52.1	64.1	374	49.6						
165	55.1	358	44.3	58.1	365	50.3	62.9	372	49.3						
170	53.7	355	43.3	56.8	362	48.6	61.7	369	47.4						
175	52.4	351	42.4	55.5	358	47.0	60.3	366	45.4						
180	51.0	347	41.6	54.1	354	45.6	59.1	363	43.8						
185	49.4	342	40.8	52.8	351	44.3	57.8	360	42.1						
190	48.1	338	39.4	51.4	347	43.1	56.6	357	40.6						
195	46.6	334	37.8	49.9	343	42.0	55.1	353	39.1						
200	45.1	329	36.2	48.5	338	40.4	53.9	350	37.7						
205	43.5	323	34.7	47.0	334	38.9	52.4	346	36.3						
210	41.9	318	33.3	45.5	329	37.4	51.1	342	35.1						
215	40.2	312	32.0	43.9	324	36.0	49.5	337	33.8						
218										55.0	344	27.8			
220	38.4	306	30.7	42.3	318	34.6	48.6	334	32.8	54.8	344	27.4			
225	36.6	299	29.5	40.6	312	33.4	47.1	330	31.6	53.4	340	26.4			
230	34.7	292	28.4	38.9	306	32.1	45.6	325	30.6	52.0	336	25.5			
235	32.8	285	27.1	37.1	300	31.0	44.0	320	29.6	50.6	332	24.6			
240	30.7	276	25.6	35.2	293	30.0	42.4	314	28.6	49.2	328	23.7			
245	28.4	267	24.0	33.2	285	28.6	40.7	309	27.6	47.7	323	22.9			
250	26.0	258	22.5	31.1	277	27.1	39.0	303	26.7	46.2	318	22.0			
255	23.3	246	20.9	29.3	270	25.6	37.2	296	25.8	44.7	314	21.3			
260	20.4	234	19.3	26.5	258	24.0	35.4	289	25.0	43.1	308	20.5			
265	16.9	218	17.7	24.4	250	22.5	33.4	282	24.2	41.5	303	19.8			
270				21.5	238	21.0	31.4	274	23.4	39.8	297	19.1			
275				18.3	223	19.4	29.2	265	22.6	38.0	290	18.4			
280							26.8	256	21.9	36.2	284	17.8			
285							24.2	245	21.2	34.3	277	17.1			
290							21.4	233	20.5	32.3	269	16.5			
295							18.1	218	19.8	30.2	260	15.9			
300										27.9	251	15.4			
305										25.4	241	14.8			
310										22.7	230	14.3			
315										19.6	217	13.7			
320													35.0	251	6.8
320													34.9	251	6.8
325													33.6	246	6.5
330													31.6	238	6.2
335													29.4	229	5.8
340													27.1	220	5.4
345													24.5	209	5.1
350													21.7	198	4.7
355													18.5	184	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 ]
134 ft Main boom 272 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
72	78.0	410	56.7												
75	77.3	409	56.7												
80	76.2	408	56.4												
85	75.1	407	55.5												
90	74.0	405	54.8												
95	72.9	404	54.1												
100	71.8	402	53.1												
105	70.7	400	52.3												
106				73.0	403	54.7									
110	69.6	399	51.6	72.2	402	54.7									
115	68.4	397	51.1	71.1	400	54.5									
120	67.3	395	50.1	70.0	398	53.7									
125	66.1	392	49.1	68.9	396	52.8									
130	65.0	390	48.3	67.7	394	52.1									
135	63.8	388	47.5	66.6	392	51.4									
140	62.6	385	46.8	65.4	390	50.6									
145	61.4	382	46.2	64.2	387	49.9									
150	60.2	379	45.5	63.1	385	49.2									
155	59.0	377	44.4	61.9	382	48.7									
160	57.7	373	43.3	60.6	379	48.2									
160							65.0	385	46.1						
165	56.4	370	42.3	59.4	376	47.0	64.0	383	46.3						
170	55.3	367	41.4	58.2	373	45.6	62.8	380	46.2						
175	53.8	363	40.5	56.9	370	44.4	61.6	378	44.7						
180	52.5	359	39.7	55.6	367	43.2	60.4	375	42.9						
185	51.3	355	39.0	54.3	363	42.2	59.1	372	41.4						
190	49.9	351	38.4	53.0	359	41.2	57.8	368	39.8						
195	48.5	347	37.3	51.7	355	40.3	56.6	365	38.3						
200	47.1	342	35.8	50.3	351	39.5	55.3	362	36.9						
205	45.6	338	34.3	48.9	347	38.2	54.0	358	35.6						
210	44.1	332	32.9	47.5	342	36.8	52.7	354	34.3						
215	42.6	327	31.5	46.0	338	35.4	51.3	350	33.1						
220	41.0	321	30.3	44.5	332	34.0	50.4	347	32.0						
223										55.0	352	25.8			
225	39.4	315	29.0	43.0	327	32.8	49.0	343	30.9	54.6	351	25.5			
230	37.7	309	27.9	41.4	322	31.5	47.6	339	29.9	53.7	348	24.7			
235	35.9	302	26.8	39.8	316	30.4	46.1	334	28.8	52.3	345	23.8			
240	34.0	295	25.8	38.1	309	29.3	44.6	329	27.9	51.0	341	22.9			
245	32.1	287	24.5	36.3	303	28.3	43.1	324	26.9	49.6	336	22.1			
250	30.0	279	23.0	34.4	295	27.3	41.5	318	26.0	48.2	332	21.3			
255	27.8	270	21.6	32.5	288	25.9	39.9	312	25.2	46.8	327	20.5			
260	25.4	259	20.1	30.5	279	24.5	38.2	306	24.3	45.3	322	19.7			
265	22.8	248	18.6	28.3	270	23.0	36.5	299	23.5	43.8	317	19.0			
270	19.9	235	17.2	25.9	260	21.6	34.6	292	22.7	42.2	312	18.3			
275	16.4	219	15.7	23.8	251	20.2	32.7	284	22.0	40.6	306	17.7			
280				21.0	239	18.7	30.7	276	21.2	39.0	300	17.0			
285				17.8	224	17.3	28.5	267	20.5	37.3	294	16.4			
290							26.2	258	19.9	35.5	287	15.8			
295							23.7	247	19.2	33.6	279	15.2			
300							20.9	234	18.5	31.6	271	14.6			
305							17.6	220	17.9	29.5	263	14.1			
310										27.3	253	13.6			
315										24.9	243	13.0			
320										22.2	231	12.5			
325										19.1	218	12.0			
328													35.0	257	5.4
330													34.8	256	5.3
335													32.9	249	5.0
340													30.9	240	4.6
345													28.8	232	4.3
350													26.5	222	3.9
355													24.0	211	3.6
360													21.2	199	3.3
365													18.0	185	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 ]
134 ft Main boom 282 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
74	78.0	420	53.1												
75	77.8	419	53.1												
80	76.7	418	53.1												
85	75.7	417	52.4												
90	74.6	416	51.6												
95	73.6	414	51.0												
100	72.5	413	50.2												
105	71.4	411	49.4												
109				73.0	412	49.9									
110	70.3	409	48.7	72.9	412	50.0									
115	69.2	407	48.2	71.8	410	50.0									
120	68.1	405	47.6	70.7	409	49.6									
125	67.0	403	46.7	69.6	407	48.7									
130	65.9	401	45.8	68.5	405	47.8									
135	64.8	399	45.1	67.5	403	47.2									
140	63.6	396	44.4	66.3	401	46.5									
145	62.5	394	43.8	65.2	398	45.8									
150	61.3	391	43.3	64.1	396	45.2									
155	60.2	388	42.7	62.9	393	44.6									
160	59.0	385	41.7	61.8	391	44.1									
165							65.0	394	43.2						
165	57.8	382	40.8	60.6	388	43.7	64.9	394	43.8						
170	56.6	379	39.9	59.4	385	42.8	63.8	391	43.8						
175	55.4	375	39.1	58.2	382	41.8	62.7	389	43.6						
180	54.2	372	38.3	57.0	378	40.9	61.5	386	42.4						
185	52.9	368	37.6	55.8	375	40.1	60.3	383	40.8						
190	51.5	364	36.9	54.5	372	39.3	59.1	380	39.2						
195	50.1	360	36.3	53.3	368	38.6	58.0	377	37.8						
200	48.9	356	35.7	52.0	364	38.0	56.8	374	36.4						
205	47.6	351	34.2	50.6	360	37.4	55.4	370	35.0						
210	46.2	346	32.8	49.3	356	36.5	54.3	367	33.8						
215	44.7	341	31.5	47.9	351	35.1	52.9	363	32.5						
220	43.3	336	30.2	46.5	346	33.8	51.6	359	31.4						
225	41.8	331	28.9	45.1	342	32.5	50.7	356	30.4						
229										55.0	360	24.1			
230	40.2	325	27.7	43.6	336	31.3	49.4	352	29.3	54.7	360	24.0			
235	38.6	319	26.6	42.1	331	30.1	48.0	347	28.3	53.9	357	23.2			
240	36.9	312	25.5	40.6	325	29.0	46.6	343	27.3	52.6	353	22.3			
245	35.2	305	24.5	39.0	319	28.0	45.2	338	26.4	51.3	349	21.5			
250	33.3	298	23.6	37.3	312	27.0	43.7	333	25.5	50.0	345	20.7			
255	31.4	290	22.2	35.6	306	26.1	42.2	327	24.6	48.6	341	19.9			
260	29.4	281	20.9	33.8	298	25.0	40.7	322	23.8	47.3	336	19.2			
265	27.2	272	19.5	31.8	290	23.7	39.1	315	23.0	45.8	331	18.4			
270	24.9	261	18.2	29.8	282	22.3	37.5	309	22.2	44.4	326	17.8			
275	22.3	250	16.8	27.7	272	21.0	35.7	302	21.4	42.9	321	17.1			
280	19.4	236	15.4	25.4	262	19.6	33.9	295	20.7	41.4	315	16.5			
285	16.0	220	14.0	22.8	251	18.3	32.1	287	20.0	39.8	310	15.8			
290				20.0	238	16.9	30.1	279	19.3	38.2	303	15.2			
295				17.4	225	15.5	28.0	270	18.7	36.5	297	14.6			
300							25.7	259	18.0	34.8	290	14.1			
305							23.2	248	17.4	32.9	282	13.5			
310							20.4	236	16.8	31.0	274	13.0			
315										28.9	265	12.5			
320										26.7	255	12.0			
325										24.3	245	11.5			
330										21.7	233	11.0			
335										18.7	219	10.5			
336													35.0	262	4.2
340													34.1	259	4.0
345													32.3	251	3.7
350													30.3	243	3.4
355													28.2	234	3.0
360													25.9	224	2.7
365													23.5	213	2.4
370													20.7	200	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 ]
134 ft Main boom 292 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
76	78.0	429	48.6												
80	77.2	428	48.6												
85	76.2	427	48.2												
90	75.1	426	47.5												
95	74.1	424	46.9												
100	73.1	423	46.3												
105	72.1	421	45.5												
110	71.0	420	44.8												
112				73.0	422	45.4									
115	70.0	418	44.2	72.4	421	45.3									
120	68.9	416	43.7	71.4	419	45.3									
125	67.8	414	43.0	70.4	417	44.8									
130	66.8	412	42.3	69.3	415	43.9									
135	65.7	409	41.6	68.2	413	43.2									
140	64.6	407	40.9	67.2	411	42.7									
145	63.5	405	40.3	66.1	409	42.0									
150	62.4	402	39.8	65.0	407	41.4									
155	61.3	399	39.3	63.9	404	40.8									
160	60.1	396	38.8	62.8	402	40.3									
165	59.0	393	38.0	61.7	399	39.9									
169							65.0	403	39.3						
170	57.8	390	37.3	60.6	396	39.5	64.7	402	39.2						
175	56.6	387	36.7	59.4	393	38.8	63.6	400	39.2						
180	55.5	384	36.0	58.3	390	38.1	62.5	397	39.1						
185	54.2	380	35.5	57.1	387	37.5	61.4	394	38.6						
190	53.0	376	34.9	55.9	384	36.9	60.3	392	37.6						
195	51.8	372	34.4	54.7	380	36.3	59.1	388	36.8						
200	50.5	368	34.0	53.5	376	35.8	58.0	385	35.6						
205	49.2	364	33.6	52.2	373	35.3	56.8	382	34.3						
210	47.9	359	32.2	51.0	369	34.9	55.6	379	33.0						
215	46.5	355	30.9	49.7	364	34.3	54.4	375	31.8						
220	45.1	350	29.6	48.4	360	33.1	53.1	371	30.6						
225	43.7	344	28.4	47.0	355	31.8	51.9	368	29.5						
230	42.3	339	27.2	45.7	350	30.6	50.6	363	28.5						
235										55.0	368	22.3			
235	40.8	333	26.0	44.2	345	29.4	49.7	360	27.6	54.9	368	22.3			
240	39.2	327	24.9	42.8	340	28.3	48.4	356	26.6	54.1	366	21.5			
245	37.6	321	23.9	41.3	334	27.2	47.1	352	25.7	52.8	362	20.7			
250	35.9	314	22.9	39.8	328	26.2	45.7	347	24.8	51.6	358	19.9			
255	34.2	307	22.1	38.2	322	25.2	44.3	342	23.9	50.3	354	19.1			
260	32.4	299	21.0	36.6	315	24.3	42.9	336	23.1	49.0	349	18.4			
265	30.5	291	19.7	34.9	308	23.5	41.4	331	22.3	47.7	345	17.7			
270	28.5	282	18.4	33.1	301	22.4	39.9	325	21.5	46.4	340	17.0			
275	26.3	272	17.2	31.2	293	21.2	38.4	319	20.8	45.0	335	16.3			
280	23.9	261	15.9	29.2	284	19.9	36.7	312	20.0	43.6	330	15.7			
285	21.3	249	14.6	27.1	274	18.7	35.0	305	19.3	42.1	325	15.1			
290	19.6	240	13.5	24.8	264	17.4	33.3	298	18.7	40.6	319	14.5			
295	16.4	225	12.4	22.4	252	16.1	31.4	290	18.0	39.1	313	13.9			
300				20.7	244	14.9	29.5	281	17.4	37.5	306	13.4			
305				17.7	230	13.8	27.4	272	16.8	35.8	300	12.8			
310							25.1	261	16.2	34.1	292	12.3			
315							22.7	250	15.6	32.3	285	11.8			
320							20.0	237	15.0	30.4	276	11.3			
325										28.3	267	10.8			
330										26.2	257	10.3			
335										23.8	246	9.9			
340										21.2	234	9.4			
344													35.0	268	2.9
345										18.3	220	9.0	34.6	266	2.8
350													33.5	262	2.6
355													31.6	254	2.2

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 ]
134 ft Main boom 302 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
78	78.0	439	45.0												
80	77.6	438	45.0												
85	76.6	437	44.9												
90	75.6	436	44.3												
95	74.7	435	43.6												
100	73.7	433	43.1												
105	72.7	432	42.4												
110	71.7	430	41.7												
115	70.7	428	41.1												
115				73.0	431	41.6									
120	69.6	426	40.5	72.0	429	41.6									
125	68.6	424	40.1	71.0	428	41.3									
130	67.6	422	39.4	70.0	426	40.7									
135	66.5	420	38.7	69.0	424	40.0									
140	65.5	418	38.1	68.0	422	39.5									
145	64.4	416	37.5	66.9	420	39.0									
150	63.4	413	37.0	65.9	418	38.4									
155	62.3	410	36.5	64.8	415	37.8									
160	61.2	408	36.1	63.8	413	37.3									
165	60.1	405	35.7	62.7	410	36.8									
170	59.0	402	35.1	61.6	408	36.4									
173							65.0	412	36.0						
175	57.9	399	34.6	60.5	405	36.1	64.6	411	36.0						
180	56.7	396	34.1	59.4	402	35.6	63.5	408	36.0						
185	55.6	392	33.6	58.3	399	35.1	62.4	406	35.9						
190	54.4	388	33.2	57.2	396	34.7	61.3	403	35.6						
195	53.2	385	32.8	56.0	392	34.2	60.2	400	35.0						
200	52.0	381	32.4	54.9	389	33.8	59.1	397	34.5						
205	50.8	377	32.1	53.7	385	33.5	58.0	394	33.8						
210	49.6	373	31.7	52.5	381	33.1	56.9	391	32.6						
215	48.3	368	30.8	51.3	377	32.8	55.7	387	31.3						
220	47.0	364	29.5	50.0	373	32.5	54.5	384	30.2						
225	45.7	359	28.3	48.8	369	31.4	53.4	380	29.1						
230	44.3	354	27.1	47.5	364	30.2	52.2	376	28.0						
235	42.9	348	26.0	46.2	359	29.1	50.9	372	27.0						
240	41.5	343	24.9	44.8	354	27.9	50.1	369	26.2						
240										55.0	376	20.9			
245	40.0	337	23.8	43.4	349	26.9	48.8	365	25.2	54.2	374	20.2			
250	38.5	330	22.8	42.0	344	25.8	47.5	360	24.3	53.1	370	19.5			
255	36.9	324	21.9	40.6	338	24.8	46.2	356	23.5	51.9	366	18.7			
260	35.3	317	21.0	39.1	332	23.9	44.9	351	22.7	50.6	362	18.0			
265	34.2	312	20.5	37.5	325	23.0	43.5	345	21.9	49.4	358	17.2			
270	32.5	305	19.9	35.9	318	22.2	42.1	340	21.1	48.1	354	16.6			
275	30.6	296	18.6	34.2	311	21.4	40.7	334	20.3	46.8	349	15.9			
280	28.7	287	17.4	32.5	303	20.2	39.2	328	19.6	45.5	344	15.3			
285	26.6	278	16.2	30.6	295	19.1	37.7	322	18.9	44.1	339	14.7			
290	24.4	267	15.0	29.4	290	17.9	36.1	315	18.3	42.8	334	14.1			
295	22.0	255	13.7	27.4	280	16.8	34.4	308	17.6	41.3	328	13.5			
300	19.2	242	12.5	25.3	270	15.8	32.7	300	17.0	39.9	322	12.9			
305	16.0	226	11.2	22.9	259	14.7	30.8	292	16.4	38.3	316	12.4			
310				20.3	246	13.6	28.9	283	15.8	36.8	309	11.9			
315				17.3	231	12.5	26.9	274	15.2	35.1	302	11.4			
320							24.7	263	14.6	33.4	295	10.9			
325							22.2	251	14.1	31.7	287	10.4			
330							19.5	238	13.5	29.8	279	9.9			
335										27.8	269	9.5			
340										25.7	259	9.0			
345										23.3	248	8.6			
350										20.8	236	8.1			
355										17.9	221	7.7			

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 ]
134 ft Main boom 312 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
80	78.0	449	41.1												
85	77.1	447	41.1												
90	76.1	446	40.6												
95	75.2	445	39.9												
100	74.2	444	39.3												
105	73.2	442	38.8												
110	72.3	440	38.0												
115	71.3	439	37.3												
118				73.0	440	37.4									
120	70.3	437	36.7	72.6	440	37.4									
125	69.3	435	36.2	71.7	438	37.3									
130	68.3	433	35.8	70.7	436	36.8									
135	67.3	431	35.1	69.7	435	36.2									
140	66.3	429	34.5	68.7	433	35.6									
145	65.3	426	33.9	67.7	431	35.1									
150	64.3	424	33.4	66.7	428	34.6									
155	63.3	422	32.9	65.7	426	34.0									
160	62.2	419	32.4	64.7	424	33.5									
165	61.2	416	32.1	63.6	421	33.0									
170	60.1	413	31.6	62.6	419	32.6									
175	59.0	410	31.2	61.6	416	32.3									
177							65.0	420	31.9						
180	57.9	407	30.7	60.5	413	31.9	64.4	419	31.9						
185	56.8	404	30.3	59.4	410	31.5	63.4	417	31.9						
190	55.7	401	29.9	58.3	407	31.0	62.3	414	31.7						
195	54.6	397	29.5	57.2	404	30.6	61.3	411	31.3						
200	53.4	393	29.1	56.1	401	30.2	60.2	408	30.9						
205	52.3	390	28.8	55.0	397	29.8	59.1	405	30.4						
210	51.1	386	28.5	53.9	394	29.5	58.0	402	30.1						
215	49.9	381	28.2	52.7	390	29.2	56.9	399	29.5						
220	48.7	377	27.6	51.5	386	28.9	55.8	396	28.6						
225	47.4	372	26.5	50.3	382	28.6	54.7	392	27.7						
230	46.1	368	25.5	49.1	377	27.9	53.6	388	26.9						
235	44.8	362	24.5	47.9	373	26.9	52.4	385	26.2						
240	43.5	357	23.5	46.6	368	26.0	51.2	381	25.3						
245	42.1	352	22.6	45.3	363	25.1	50.0	376	24.4						
246										55.0	384	19.2			
250	40.7	346	21.7	44.0	358	24.2	48.8	372	23.5	54.4	383	18.7			
255	39.3	340	20.8	42.7	353	23.4	47.5	368	22.7	53.3	379	17.9			
260	37.8	334	20.0	41.3	347	22.6	46.7	364	21.9	52.1	375	17.2			
265	36.2	327	19.3	39.8	341	21.8	45.4	360	21.2	50.9	371	16.5			
270	34.6	320	18.6	38.4	335	21.1	44.1	354	20.4	49.7	367	15.8			
275	33.6	315	18.5	36.8	328	20.4	42.8	349	19.7	48.5	362	15.1			
280	31.9	307	17.5	35.2	321	19.8	41.4	344	18.9	47.3	358	14.5			
285	30.1	299	16.3	34.2	317	19.2	40.0	338	18.3	46.0	353	13.9			
290	28.2	290	15.2	32.5	309	18.2	38.5	331	17.6	44.7	348	13.3			
295	26.1	280	14.1	30.8	301	17.2	37.0	325	16.9	43.4	343	12.7			
300	23.9	269	12.9	28.9	292	16.1	35.4	318	16.3	42.0	337	12.2			
305	21.5	257	11.8	26.9	282	15.1	33.8	311	15.7	40.6	332	11.7			
310	18.8	243	10.6	24.8	272	14.0	32.1	303	15.1	39.1	326	11.1			
315				22.5	260	13.0	30.3	294	14.5	37.7	319	10.6			
320				19.9	247	11.9	28.4	285	14.0	36.1	312	10.1			
325							26.4	276	13.4	34.5	305	9.7			
330							24.2	265	12.9	32.8	298	9.2			
335							21.8	253	12.4	31.1	290	8.8			
340							19.1	239	11.9	29.2	281	8.3			
345										27.3	271	7.9			
350										25.2	261	7.5			
355										22.9	250	7.1			
360										20.4	237	6.7			
365										17.5	222	6.3			

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 ]
134 ft Main boom 322 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
82	78.0	458	37.9												
85	77.5	458	37.9												
90	76.5	456	37.7												
95	75.6	455	37.1												
100	74.7	454	36.3												
105	73.8	452	35.8												
110	72.8	451	35.1												
115	71.9	449	34.4												
120	70.9	447	33.7												
121				73.0	450	33.9									
125	70.0	446	33.2	72.2	448	33.9									
130	69.0	444	32.7	71.3	447	33.8									
135	68.1	442	32.2	70.3	445	33.1									
140	67.1	440	31.6	69.4	443	32.5									
145	66.1	437	31.0	68.4	441	31.9									
150	65.1	435	30.4	67.5	439	31.5									
155	64.1	433	30.0	66.5	437	31.0									
160	63.1	430	29.5	65.5	435	30.5									
165	62.1	427	29.1	64.5	432	30.0									
170	61.1	425	28.8	63.5	430	29.6									
175	60.1	422	28.4	62.5	427	29.2									
180	59.0	419	27.9	61.5	424	28.9									
181							65.0	430	28.5						
185	58.0	416	27.5	60.5	422	28.5	64.2	428	28.5						
190	56.9	412	27.1	59.4	419	28.1	63.2	425	28.5						
195	55.8	409	26.8	58.4	416	27.7	62.2	422	28.2						
200	54.7	406	26.4	57.3	412	27.3	61.2	420	27.9						
205	53.6	402	26.1	56.2	409	26.9	60.2	417	27.5						
210	52.5	398	25.8	55.2	406	26.6	59.1	414	27.1						
215	51.4	394	25.5	54.0	402	26.2	58.1	411	26.8						
220	50.2	390	25.3	52.9	398	25.9	57.0	408	26.4						
225	49.0	386	24.9	51.8	394	25.7	55.9	404	25.8						
230	47.8	381	24.0	50.6	390	25.4	54.9	401	25.2						
235	46.6	376	23.1	49.5	386	24.9	53.8	397	24.7						
240	45.3	372	22.3	48.3	382	24.2	52.6	393	24.2						
245	44.1	366	21.5	47.1	377	23.4	51.5	389	23.7						
250	42.7	361	20.7	45.8	372	22.7	50.3	385	23.0						
252										55.0	392	17.7			
255	41.4	355	19.9	44.5	367	22.0	49.1	381	22.1	54.6	391	17.3			
260	40.0	350	19.2	43.2	362	21.4	47.9	376	21.3	53.5	388	16.6			
265	38.6	343	18.5	41.9	356	20.7	46.7	372	20.5	52.3	384	15.9			
270	37.1	337	17.8	40.5	350	20.1	45.5	367	19.7	51.2	380	15.2			
275	35.6	330	17.2	39.1	344	19.5	44.2	362	19.0	50.0	376	14.6			
280	34.6	325	16.9	37.7	338	19.0	42.9	356	18.3	48.9	371	13.9			
285	33.0	318	16.6	36.2	331	18.5	42.0	353	17.6	47.7	367	13.3			
290	31.3	310	15.5	35.2	327	18.3	40.7	347	17.0	46.4	362	12.7			
295	29.5	301	14.4	33.6	319	17.8	39.3	341	16.4	45.2	357	12.2			
300	27.7	292	13.4	32.0	312	16.8	37.8	335	15.8	43.9	352	11.6			
305	25.7	282	12.3	30.2	303	15.7	36.3	328	15.2	42.6	346	11.1			
310	23.5	270	11.2	28.4	294	14.7	34.8	321	14.6	41.3	341	10.6			
315	21.1	258	10.2	26.4	284	13.6	33.2	313	14.0	39.9	335	10.1			
320	18.4	244	9.1	24.3	274	12.6	31.5	305	13.5	38.5	329	9.6			
325				22.0	262	11.5	29.7	297	12.9	37.0	322	9.1			
330				19.5	248	10.5	27.9	288	12.4	35.5	315	8.6			
335							25.9	278	11.9	33.9	308	8.2			
340							23.7	266	11.4	32.3	300	7.8			
345							21.4	254	10.9	30.5	292	7.3			
350							18.7	240	10.4	28.7	283	6.9			
355										26.8	273	6.5			
360										24.7	263	6.1			
365										22.4	251	5.7			
370										19.9	238	5.4			
375										17.1	223	5.0			

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 ]
134 ft Main boom 331 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
84	78.0	468	34.4												
85	77.8	468	34.4												
90	77.0	466	34.4												
95	76.1	465	33.9												
100	75.2	464	33.2												
105	74.3	462	32.5												
110	73.4	461	32.1												
115	72.4	460	31.4												
120	71.5	458	30.7												
124				73.0	459	30.6									
125	70.6	456	30.2	72.8	459	30.6									
130	69.7	454	29.8	71.9	457	30.6									
135	68.8	452	29.4	71.0	456	30.2									
140	67.8	450	28.8	70.0	454	29.6									
145	66.9	448	28.3	69.1	452	29.1									
150	65.9	446	27.7	68.2	450	28.7									
155	65.0	444	27.3	67.2	448	28.3									
160	64.0	441	26.8	66.3	446	27.8									
165	63.0	439	26.4	65.3	443	27.4									
170	62.0	436	26.1	64.4	441	26.9									
175	61.1	433	25.8	63.4	438	26.5									
180	60.1	430	25.4	62.4	436	26.2									
185	59.0	427	25.0	61.4	433	25.9									
185							65.0	438	25.7						
190	58.0	424	24.7	60.4	430	25.6	64.1	436	25.7						
195	57.0	421	24.3	59.4	427	25.2	63.1	434	25.7						
200	55.9	418	24.0	58.4	424	24.8	62.2	431	25.3						
205	54.9	414	23.7	57.4	421	24.5	61.2	428	25.0						
210	53.8	410	23.4	56.3	418	24.1	60.2	425	24.6						
215	52.7	407	23.2	55.3	414	23.8	59.2	422	24.3						
220	51.6	403	22.9	54.2	411	23.5	58.1	419	24.0						
225	50.5	399	22.7	53.1	407	23.2	57.1	416	23.7						
230	49.4	394	22.5	52.0	403	23.0	56.1	413	23.2						
235	48.2	390	21.8	50.9	399	22.8	55.0	409	22.8						
240	47.0	385	21.0	49.8	395	22.4	53.9	406	22.4						
245	45.8	380	20.3	48.6	390	21.8	52.8	402	22.1						
250	44.6	375	19.6	47.5	386	21.2	51.7	398	21.7						
255	43.3	370	18.9	46.3	381	20.6	50.6	394	21.4						
257										55.0	401	16.1			
260	42.0	365	18.2	45.0	376	20.0	49.5	390	20.6	54.7	400	15.8			
265	40.7	359	17.6	43.8	371	19.4	48.3	385	19.8	53.7	396	15.1			
270	39.3	353	16.9	42.5	366	18.9	47.1	380	19.0	52.6	392	14.4			
275	37.9	346	16.4	41.2	360	18.3	45.9	376	18.3	51.5	388	13.8			
280	36.5	340	15.8	39.9	354	17.8	44.7	371	17.6	50.3	384	13.2			
285	35.0	333	15.3	38.5	348	17.3	43.5	365	16.9	49.2	380	12.6			
290	34.0	328	14.9	37.1	341	16.9	42.2	360	16.2	48.1	375	12.0			
295	32.4	320	14.3	35.6	334	16.5	41.3	356	15.6	46.9	371	11.4			
300	30.8	312	13.3	34.6	330	16.3	40.0	350	15.1	45.7	366	10.9			
305	29.0	303	12.4	33.0	322	15.5	38.6	344	14.5	44.4	361	10.3			
310	27.2	294	11.4	31.4	314	14.5	37.2	338	13.9	43.2	356	9.8			
315	25.2	284	10.4	29.7	306	13.6	35.7	331	13.3	41.9	350	9.3			
320	23.0	272	9.4	27.9	296	12.6	34.2	324	12.8	40.6	344	8.8			
325	20.7	260	8.4	26.0	286	11.7	32.6	316	12.3	39.2	338	8.4			
330	18.0	245	7.4	23.9	275	10.7	31.0	308	11.7	37.8	332	7.9			
335				21.6	263	9.7	29.2	299	11.2	36.4	325	7.5			
340				19.1	250	8.7	27.4	290	10.7	34.9	318	7.0			
345							25.4	279	10.3	33.3	311	6.6			
350							23.3	268	9.8	31.7	303	6.2			
355							21.0	256	9.3	30.0	294	5.8			
360							18.4	241	8.9	28.2	285	5.4			
365										26.3	275	5.1			
370										24.3	265	4.7			
375										22.0	253	4.3			
380										19.6	239	4.0			
385										16.7	224	3.6			

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 ]
134 ft Main boom 341 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
86	78.0	477	31.6												
90	77.3	477	31.6												
95	76.5	475	31.3												
100	75.6	474	30.7												
105	74.7	473	30.0												
110	73.9	471	29.5												
115	73.0	470	28.9												
120	72.1	468	28.3												
125	71.2	466	27.8												
127				73.0	469	27.9									
130	70.3	465	27.3	72.4	468	27.9									
135	69.4	463	27.0	71.5	466	27.9									
140	68.5	461	26.6	70.6	464	27.3									
145	67.6	459	26.1	69.7	462	26.8									
150	66.7	457	25.6	68.8	460	26.4									
155	65.7	454	25.1	67.9	458	26.0									
160	64.8	452	24.7	67.0	456	25.7									
165	63.9	450	24.3	66.1	454	25.2									
170	62.9	447	23.9	65.2	452	24.8									
175	62.0	444	23.6	64.2	449	24.4									
180	61.0	442	23.3	63.3	447	24.1									
185	60.0	439	23.0	62.3	444	23.8									
190							65.0	447	23.4						
190	59.1	436	22.7	61.4	442	23.5	64.9	447	23.4						
195	58.1	433	22.4	60.4	439	23.2	64.0	445	23.4						
200	57.1	429	22.1	59.4	436	22.8	63.0	442	23.4						
205	56.0	426	21.8	58.4	433	22.5	62.1	440	23.0						
210	55.0	423	21.5	57.4	430	22.2	61.1	437	22.6						
215	54.0	419	21.3	56.4	426	21.9	60.1	434	22.3						
220	52.9	415	21.0	55.4	423	21.6	59.2	431	22.0						
225	51.9	411	20.8	54.4	419	21.3	58.2	428	21.7						
230	50.8	407	20.6	53.3	416	21.1	57.2	425	21.5						
235	49.7	403	20.4	52.3	412	20.8	56.2	421	21.2						
240	48.6	399	20.0	51.2	408	20.6	55.1	418	20.9						
245	47.4	394	19.3	50.1	403	20.4	54.1	414	20.6						
250	46.2	389	18.6	49.0	399	19.9	53.0	410	20.4						
255	45.1	384	18.0	47.8	395	19.3	52.0	406	20.1						
260	43.9	379	17.4	46.7	390	18.8	50.9	402	19.9						
263										55.0	409	14.8			
265	42.6	374	16.8	45.5	385	18.3	49.8	398	19.3	54.9	408	14.7			
270	41.3	368	16.2	44.3	380	17.8	48.7	394	18.6	53.8	405	14.0			
275	40.0	362	15.7	43.1	375	17.3	47.5	389	17.8	52.8	401	13.3			
280	38.7	356	15.2	41.8	369	16.9	46.4	385	17.1	51.7	397	12.7			
285	37.3	350	14.6	40.5	363	16.4	45.2	380	16.5	50.6	393	12.1			
290	35.9	343	14.2	39.2	357	16.0	44.0	374	15.8	49.5	389	11.5			
295	34.4	336	13.7	37.8	351	15.6	42.7	369	15.1	48.4	384	11.0			
300	33.5	331	13.3	36.4	344	15.2	41.5	364	14.5	47.3	380	10.4			
305	31.9	323	12.5	35.0	337	14.8	40.6	360	14.0	46.1	375	9.9			
310	30.3	314	11.5	34.0	332	14.5	39.3	354	13.5	44.9	370	9.4			
315	28.5	306	10.6	32.5	325	13.6	38.0	347	12.9	43.7	365	8.9			

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 ]
134 ft Main boom 341 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
320	26.7	296	9.7	30.9	316	12.7	36.6	341	12.4	42.5	359	8.4			
325	24.8	285	8.8	29.2	308	11.9	35.1	334	11.8	41.2	354	7.9			
330	22.6	274	7.9	27.4	298	11.0	33.6	326	11.3	39.9	348	7.5			
335	20.3	261	7.0	25.5	288	10.1	32.1	318	10.8	38.6	342	7.0			
340	17.7	246	6.0	23.5	277	9.2	30.4	310	10.3	37.2	335	6.6			
345				21.2	265	8.2	28.7	301	9.8	35.8	328	6.2			
350				18.7	251	7.3	26.9	292	9.4	34.3	321	5.8			
355							25.0	281	8.9	32.8	313	5.4			
360							22.9	270	8.5	31.2	305	5.0			
365							20.6	257	8.0	29.5	297	4.6			
370							18.0	242	7.6	27.7	287	4.3			
375										25.9	277	3.9			
380										23.8	266	3.5			
385										21.6	254	3.2			
390										19.2	241	2.8			
395										16.4	225	2.5			

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 ]
134 ft Main boom 351 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
88	78.0	487	28.5												
90	77.7	487	28.5												
95	76.9	486	28.5												
100	76.0	484	27.9												
105	75.2	483	27.2												
110	74.3	482	26.6												
115	73.5	480	26.2												
120	72.6	478	25.6												
125	71.7	477	25.1												
130				73.0	478	24.9									
130	70.9	475	24.6	72.9	478	24.9									
135	70.0	473	24.2	72.1	476	24.9									
140	69.1	471	23.8	71.2	475	24.7									
145	68.2	470	23.4	70.3	473	24.3									
150	67.4	467	23.0	69.5	471	23.8									
155	66.5	465	22.5	68.6	469	23.4									
160	65.6	463	22.1	67.7	467	23.0									
165	64.7	461	21.7	66.8	465	22.7									
170	63.8	458	21.3	65.9	463	22.2									
175	62.8	456	21.0	65.0	460	21.8									
180	61.9	453	20.7	64.1	458	21.5									
185	61.0	450	20.5	63.2	455	21.1									
190	60.0	447	20.2	62.3	453	20.8									
194							65.0	456	20.6						
195	59.1	444	19.9	61.3	450	20.6	64.8	456	20.6						
200	58.1	441	19.6	60.4	447	20.3	63.8	453	20.5						
205	57.1	438	19.3	59.4	444	20.0	62.9	451	20.5						
210	56.1	435	19.0	58.5	441	19.7	62.0	448	20.2						
215	55.2	431	18.8	57.5	438	19.4	61.1	445	19.8						
220	54.1	428	18.5	56.5	435	19.1	60.1	442	19.5						
225	53.1	424	18.3	55.5	431	18.9	59.2	439	19.3						
230	52.1	420	18.1	54.5	428	18.6	58.2	436	19.0						
235	51.0	416	17.9	53.5	424	18.4	57.2	433	18.8						
240	50.0	412	17.7	52.5	420	18.2	56.3	430	18.6						
245	48.9	407	17.4	51.4	416	18.0	55.3	426	18.3						
250	47.8	403	16.9	50.4	412	17.8	54.3	423	18.1						
255	46.7	398	16.3	49.3	408	17.4	53.2	419	17.8						
260	45.5	393	15.8	48.2	403	17.0	52.2	415	17.6						
265	44.3	388	15.3	47.1	399	16.5	51.1	411	17.5						
268										55.0	417	13.3			
270	43.2	383	14.8	45.9	394	16.1	50.1	407	17.3	54.7	416	13.1			
275	41.9	377	14.3	44.8	389	15.7	49.0	403	17.1	54.0	413	12.6			
280	40.7	372	13.9	43.6	384	15.3	47.9	398	16.4	53.0	409	12.0			
285	39.4	366	13.4	42.4	378	14.9	46.8	393	15.8	51.9	406	11.4			
290	38.1	359	13.0	41.2	373	14.5	45.6	388	15.1	50.9	401	10.8			
295	36.7	353	12.6	39.9	367	14.2	44.5	384	14.5	49.8	397	10.2			
300	35.3	346	12.2	38.6	360	13.8	43.3	378	13.9	48.7	393	9.7			
305	34.4	341	11.9	37.2	354	13.5	42.1	373	13.3	47.6	388	9.2			
310	32.9	333	11.5	35.9	347	13.2	41.3	369	12.7	46.5	384	8.6			
315	31.4	325	10.6	34.4	340	12.9	40.0	363	12.2	45.4	379	8.2			
320	29.8	317	9.7	33.5	335	12.1	38.7	357	11.7	44.2	374	7.7			
325	28.1	308	8.9	32.0	327	11.3	37.4	350	11.2	43.0	368	7.2			
330	26.3	298	8.0	30.4	319	10.5	36.0	344	10.7	41.8	363	6.8			
335	24.3	287	7.1	28.7	310	9.7	34.6	336	10.2	40.6	357	6.3			
340	22.2	275	6.3	27.0	300	8.9	33.1	329	9.7	39.3	351	5.9			
345	19.9	262	5.4	25.1	290	8.1	31.6	321	9.2	38.0	345	5.5			
350	17.3	247	4.5	23.0	279	7.3	29.9	312	8.7	36.6	338	5.1			
355				20.8	266	6.5	28.3	303	8.3	35.2	331	4.7			
360				18.4	252	5.6	26.5	294	7.9	33.8	324	4.3			
365							24.5	283	7.4	32.3	316	3.9			
370							22.5	271	7.0	30.7	308	3.6			
375							20.2	258	6.6	29.0	299	3.2			
380							17.6	244	6.2	27.3	290	2.9			
385										25.4	279	2.5			
390										23.4	268	2.2			

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 ]
134 ft Main boom 361 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
90	78.0	497	26.1												
95	77.2	496	26.1												
100	76.4	494	25.6												
105	75.6	493	24.9												
110	74.8	492	24.3												
115	73.9	490	23.9												
120	73.1	489	23.4												
125	72.3	487	22.9												
130	71.4	486	22.4												
132				73.0	488	22.4									
135	70.6	484	22.0	72.6	487	22.4									
140	69.7	482	21.6	71.7	485	22.4									
145	68.9	480	21.3	70.9	483	22.1									
150	68.0	478	20.9	70.0	482	21.7									
155	67.2	476	20.4	69.2	480	21.3									
160	66.3	474	20.0	68.3	478	20.9									
165	65.4	472	19.6	67.5	476	20.6									
170	64.5	469	19.3	66.6	473	20.2									
175	63.6	467	18.9	65.7	471	19.8									
180	62.7	464	18.6	64.9	469	19.4									
185	61.8	461	18.4	64.0	466	19.0									
190	60.9	459	18.1	63.1	464	18.7									
195	60.0	456	17.9	62.2	461	18.5									
198							65.0	465	18.2						
200	59.1	453	17.6	61.3	458	18.2	64.6	464	18.2						
205	58.1	450	17.3	60.4	456	17.9	63.7	462	18.2						
210	57.2	446	17.0	59.4	453	17.7	62.8	459	18.1						
215	56.2	443	16.8	58.5	450	17.4	61.9	456	17.9						
220	55.3	440	16.6	57.6	446	17.1	61.0	454	17.6						
225	54.3	436	16.3	56.6	443	16.9	60.1	451	17.3						
230	53.3	432	16.1	55.6	440	16.7	59.2	448	17.0						
235	52.3	428	15.9	54.7	436	16.4	58.2	445	16.8						
240	51.3	424	15.7	53.7	433	16.2	57.3	442	16.6						
245	50.2	420	15.6	52.7	429	16.0	56.3	438	16.4						
250	49.2	416	15.3	51.7	425	15.9	55.4	435	16.2						
255	48.1	412	14.9	50.6	421	15.7	54.4	431	16.0						
260	47.0	407	14.4	49.6	416	15.4	53.4	428	15.8						
265	45.9	402	14.0	48.5	412	15.0	52.4	424	15.6						
270	44.8	397	13.6	47.5	408	14.7	51.4	420	15.4						
274										55.0	425	12.0			
275	43.7	392	13.1	46.4	403	14.3	50.4	416	15.3	54.8	424	11.9			
280	42.5	386	12.7	45.2	398	14.0	49.3	411	15.2	54.1	422	11.4			
285	41.3	381	12.4	44.1	393	13.6	48.2	407	14.7	53.2	418	10.8			
290	40.1	375	12.0	42.9	387	13.3	47.2	402	14.1	52.2	414	10.2			
295	38.8	369	11.6	41.7	382	13.0	46.1	397	13.6	51.1	410	9.6			
300	37.5	362	11.3	40.5	376	12.7	44.9	392	13.1	50.1	406	9.1			
305	36.2	356	11.0	39.3	370	12.4	44.2	389	12.5	49.1	402	8.6			
310	35.3	351	10.7	38.0	364	12.1	43.0	384	12.1	48.0	397	8.1			
315	33.9	344	10.6	36.7	357	11.9	41.8	378	11.7	46.9	392	7.6			
320	32.4	336	9.9	35.3	350	11.7	40.6	372	11.2	45.8	388	7.1			
325	30.9	328	9.1	33.9	343	11.2	39.4	366	10.6	44.7	383	6.6			
330	29.3	319	8.2	32.4	335	10.4	38.1	360	10.1	43.5	378	6.2			
335	27.6	310	7.4	30.9	327	9.6	36.8	354	9.6	42.4	372	5.7			
340	25.8	300	6.6	29.3	318	8.8	35.4	347	9.1	41.2	366	5.3			
345	23.9	289	5.8	28.3	312	8.0	34.0	339	8.7	39.9	360	4.9			
350	21.9	277	4.9	26.5	302	7.3	32.6	332	8.2	38.7	354	4.5			
355	19.6	263	4.1	24.7	292	6.5	31.1	324	7.8	37.4	348	4.1			
360	17.0	248	3.2	22.7	280	5.8	29.5	315	7.3	36.0	341	3.7			
365				20.5	267	5.0	27.8	306	6.9	34.7	334	3.4			
370				18.0	253	4.3	26.0	296	6.5	33.2	326	3.0			
375							24.1	285	6.1	31.7	318	2.7			
380							22.1	273	5.7	30.2	310	2.3			
385							19.8	260	5.3						
390							17.3	244	4.9						

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 ]
134 ft Main boom 371 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
92	78.0	506	24.0												
95	77.6	506	24.0												
100	76.8	505	23.8												
105	76.0	503	23.2												
110	75.2	502	22.9												
115	74.4	501	22.6												
120	73.6	499	22.3												
125	72.8	498	21.8												
130	71.9	496	21.3												
135	71.1	494	20.8												
135				73.0	497	21.0									
140	70.3	492	20.5	72.2	495	21.0									
145	69.5	491	20.1	71.4	494	20.9									
150	68.6	489	19.8	70.6	492	20.5									
155	67.8	487	19.4	69.8	490	20.0									
160	67.0	484	19.1	68.9	488	19.7									
165	66.1	482	18.7	68.1	486	19.4									
170	65.3	480	18.4	67.3	484	19.1									
175	64.4	478	18.1	66.4	482	18.7									
180	63.5	475	17.8	65.6	480	18.4									
185	62.7	472	17.5	64.7	477	18.0									
190	61.8	470	17.3	63.9	475	17.7									
195	60.9	467	17.1	63.0	472	17.5									
200	60.0	464	16.8	62.1	470	17.2									
202							65.0	474	17.0						
205	59.1	461	16.6	61.2	467	17.0	64.5	473	17.0						
210	58.2	458	16.3	60.3	464	16.8	63.6	470	17.0						
215	57.3	455	16.1	59.4	461	16.5	62.7	468	16.8						
220	56.3	452	15.8	58.5	458	16.3	61.9	465	16.6						
225	55.4	448	15.6	57.6	455	16.1	61.0	462	16.3						
230	54.4	445	15.4	56.7	452	15.9	60.1	459	16.1						
235	53.5	441	15.2	55.7	448	15.6	59.2	456	15.9						
240	52.5	437	15.0	54.8	445	15.4	58.3	453	15.7						
245	51.5	433	14.9	53.8	441	15.3	57.4	450	15.5						
250	50.5	429	14.7	52.9	437	15.1	56.4	447	15.3						
255	49.5	425	14.6	51.9	433	14.9	55.5	443	15.1						
260	48.5	420	13.3	50.9	429	14.8	54.5	440	14.9						
265	47.4	416	12.0	49.9	425	14.1	53.6	436	14.7						
270	46.3	411	10.8	48.8	421	12.8	52.6	432	14.6						
275	45.3	406	9.6	47.8	416	11.5	51.6	428	14.4						
280										55.0	433	10.5			
280	44.1	401	8.4	46.7	412	10.3	50.6	424	14.3	55.0	433	10.5			
285	43.0	396	7.2	45.7	407	9.1	49.6	420	14.1	54.3	430	10.0			
290	41.9	390	6.1	44.6	402	7.9	48.9	417	13.4	53.3	426	9.4			
295	40.7	384	5.0	43.4	396	6.8	47.9	412	12.1	52.4	423	8.9			
300	39.5	378	4.0	42.3	391	5.7	46.8	408	10.7	51.4	419	8.3			
305	38.2	372	3.0	41.1	385	4.7	45.7	403	9.5	50.4	415	7.8			
310				39.9	379	3.7	44.6	398	8.2	49.4	410	7.3			
315				38.7	373	2.7	43.5	393	7.0	48.3	406	6.8			
320							42.4	387	5.9	47.3	401	6.4			
325							41.2	382	4.8	46.2	397	5.9			
330							40.0	376	3.7	45.1	392	5.5			
335							38.8	370	2.7	44.0	386	5.0			
340										42.9	381	4.6			
345										41.7	376	4.2			
350										40.6	370	3.8			
355										39.3	364	3.2			
360										38.1	358	2.3			

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 ]
<b>134 ft Main boom</b> <b>66 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)</b>															
29	78.0	208	191.9												
30	76.8	208	191.3												
35	72.3	206	182.6												
40	67.6	204	175.3												
45	62.7	202	168.3												
46				73.0	205	182.7									
50	57.6	198	156.7	69.4	204	178.7									
55	52.1	195	146.0	64.6	201	171.5									
60	46.2	190	133.2	59.5	198	163.0									
65	39.6	184	119.9	54.2	195	151.3									
70	31.8	177	107.9	48.5	191	139.4									
73							65.0	198	66.4						
75	21.5	166	90.8	42.2	186	124.9	63.2	197	140.8						
80				34.9	179	114.3	58.1	194	133.1						
85				25.9	170	99.4	52.7	190	124.3						
90							46.9	186	117.3						
95							40.4	180	110.8						
100							32.8	173	104.8						
105										55.0	183	66.4			
105							25.3	165	33.4	54.8	183	66.4			
110										49.6	179	88.1			
115										43.4	174	83.5			
120										36.3	168	79.3			
125										27.7	159	75.5			
158													35.0	138	49.7
160													32.3	136	49.1
165													24.2	127	47.2

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 ]
134 ft Main boom 76 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
31	78.0	218	176.3												
35	74.7	216	171.5												
40	70.7	215	162.8												
45	66.5	213	154.1												
49				73.0	214	166.8									
50	62.3	210	146.7	72.2	214	166.7									
55	57.8	207	137.0	68.1	212	158.8									
60	53.2	203	128.4	63.9	210	150.3									
65	48.1	199	119.7	59.5	207	142.3									
70	42.7	194	108.9	54.9	204	133.0									
75	36.5	188	100.8	50.1	200	125.2									
77							65.0	206	66.4						
80	29.3	179	90.0	44.8	195	113.3	62.7	205	130.4						
85	19.6	168	77.0	38.9	189	104.1	58.3	202	123.9						
90				32.2	182	95.1	53.7	198	116.0						
95				23.7	172	84.0	48.7	194	110.1						
100							43.3	189	103.6						
105							37.2	183	98.4						
110							30.1	175	92.5						
110										55.0	191	66.4			
115							23.2	167	33.4	51.0	188	83.1			
120										45.8	183	78.9			
125										40.0	177	75.1			
130										33.5	170	71.7			
135										25.4	161	68.4			
166													35.0	144	46.3
170													29.7	138	45.1
175													22.1	129	43.5

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 ]
134 ft Main boom 85 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
33	78.0	227	163.6												
35	76.5	227	162.5												
40	73.0	225	155.2												
45	69.4	223	146.2												
50	65.7	221	136.3												
52				73.0	224	153.9									
55	62.0	218	128.9	70.8	223	151.1									
60	58.0	216	120.8	67.1	221	141.6									
65	53.9	212	113.8	63.4	218	132.7									
70	49.6	208	107.9	59.5	216	125.4									
75	44.9	203	99.1	55.5	212	117.9									
80	39.8	197	91.6	51.2	208	112.3									
81							65.0	215	66.4						
85	34.0	190	86.9	46.7	204	103.0	62.4	214	122.9						
90	27.2	181	77.1	41.8	198	94.7	58.5	211	116.1						
95	18.0	169	67.2	36.3	192	89.3	54.4	207	109.3						
100				29.9	184	81.6	50.0	203	104.2						
105				23.9	176	33.4	45.4	198	97.9						
110							40.4	193	92.7						
115							34.7	186	88.9						
116										55.0	199	66.4			
120							28.0	177	81.8	52.0	196	78.9			
125										47.5	192	75.1			
130										42.7	187	71.7			
135										37.3	180	68.5			
140										30.0	171	65.5			
145										23.5	163	62.8			
175													35.0	150	43.6
175													34.4	149	43.5
180													27.6	140	42.0
185													20.4	130	40.6

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 ]
134 ft Main boom 95 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
35	78.0	237	147.2												
35	77.9	237	147.2												
40	74.8	235	143.0												
45	71.6	234	135.3												
50	68.4	232	128.5												
55				73.0	233	137.7									
55	65.1	230	120.5	72.8	233	137.6									
60	61.7	227	114.8	69.6	231	131.9									
65	58.2	224	107.8	66.4	229	124.8									
70	54.5	220	101.7	63.0	227	118.0									
75	50.7	216	96.9	59.5	224	111.8									
80	46.6	212	90.4	55.9	221	105.2									
85	42.2	207	84.2	52.1	217	100.1									
86							65.0	224	66.4						
90	37.4	200	79.3	48.2	212	93.7	62.1	222	114.1						
95	31.9	193	73.9	43.9	208	87.1	58.6	219	108.1						
100	25.4	183	66.4	39.3	202	81.8	54.9	216	102.1						
105				34.1	195	77.2	51.1	212	97.2						
110				28.0	186	70.4	47.0	207	91.6						
115				22.3	177	33.4	42.7	202	85.9						
120							37.9	196	81.6						
122										55.0	207	66.4			
125							32.6	188	77.0	52.8	205	74.7			
130							26.2	179	71.2	48.9	201	71.2			
135										44.7	196	68.1			
140										40.1	190	65.2			
145										34.2	182	62.4			
150										28.1	173	59.9			
155										21.9	164	57.6			
183													35.0	155	40.8
185													32.3	151	40.2
190													27.0	144	38.9
195													20.9	134	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  
 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 ]
134 ft Main boom 105 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
37	78.0	246	134.7												
40	76.3	246	133.9												
45	73.4	244	127.8												
50	70.5	242	121.1												
55	67.6	240	115.2												
58				73.0	243	125.7									
60	64.6	238	108.9	71.6	242	125.3									
65	61.5	236	104.4	68.7	240	118.6									
70	58.3	232	98.0	65.7	238	112.6									
75	55.0	229	92.5	62.7	235	107.2									
80	51.6	225	88.1	59.5	232	101.7									
85	47.9	221	83.2	56.3	229	95.8									
90							65.0	233	66.4						
90	44.1	216	77.9	52.9	226	91.0	64.9	233	110.5						
95	39.9	210	73.3	49.3	221	86.1	61.8	230	107.4						
100	35.3	203	69.6	45.5	216	80.5	58.7	228	101.6						
105	30.1	195	64.0	41.5	211	75.4	55.4	224	96.2						
110	23.9	185	58.0	37.1	205	71.7	51.9	220	91.6						
115				32.2	197	67.1	48.3	216	86.9						
120				26.4	188	61.7	44.5	211	80.8						
125				20.9	179	33.4	40.4	205	75.7						
127										55.0	215	66.4			
130							35.8	199	72.2	53.5	214	71.0			
135							30.7	191	67.6	50.0	209	67.9			
140							24.7	181	62.9	46.2	205	65.0			
145										42.2	199	62.3			
150										37.9	193	59.8			
155										32.3	185	57.4			
160										26.4	175	55.2			
165										20.6	165	53.2			
191													35.0	161	38.5
195													30.4	154	37.4
200													24.2	144	36.2
205													19.6	136	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 ]
134 ft Main boom 115 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
39	78.0	256	120.2												
40	77.5	256	120.2												
45	74.9	254	116.1												
50	72.3	253	110.7												
55	69.6	251	106.1												
60	66.9	249	100.8												
60				73.0	252	111.2									
65	64.1	247	96.0	70.6	251	109.0									
70	61.3	244	92.5	67.9	249	104.3									
75	58.4	241	86.8	65.2	246	99.0									
80	55.4	238	81.8	62.4	244	94.7									
85	52.3	234	77.8	59.5	241	89.9									
90	49.0	230	74.1	56.5	238	84.7									
94							65.0	242	66.4						
95	45.6	225	70.0	53.5	234	80.4	64.4	242	98.4						
100	41.9	219	66.3	50.2	230	76.7	61.6	239	95.2						
105	37.9	213	63.0	46.9	225	72.4	58.7	236	90.5						
110	33.5	206	59.8	43.3	220	68.4	55.7	233	85.5						
115	28.6	197	55.3	39.4	214	64.9	52.6	229	81.1						
120	22.6	186	50.7	35.2	208	61.8	49.4	225	77.6						
125				30.5	200	57.8	45.9	220	73.0						
130				25.0	190	53.7	42.3	215	68.9						
133										55.0	223	66.4			
135										54.0	222	67.4			
140							38.4	209	65.3	50.5	218	64.5			
145							34.0	202	62.1	47.1	213	61.8			
150							29.2	193	58.7	43.9	209	59.4			
155							23.3	183	55.3	39.6	202	57.0			
160										35.4	195	54.9			
165										31.4	188	52.9			
170										25.0	177	50.9			
175										19.4	167	49.1			
199													35.0	166	36.1
200													33.8	164	35.8
205													28.9	156	34.7
210													22.9	145	33.6
215													18.4	137	32.6

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 ]
134 ft Main boom 125 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
41	78.0	266	109.1												
45	76.1	265	107.4												
50	73.7	263	103.5												
55	71.3	262	98.6												
60	68.8	260	95.1												
63				73.0	262	100.6									
65	66.3	258	90.4	72.2	261	100.5									
70	63.8	255	86.6	69.8	259	97.2									
75	61.2	252	83.5	67.3	257	93.8									
80	58.5	249	78.4	64.7	255	89.0									
85	55.7	246	74.0	62.2	252	85.5									
90	52.9	242	70.2	59.5	249	81.1									
95	49.9	238	67.1	56.8	246	76.5									
98							65.0	251	66.4						
100	46.8	234	63.6	54.0	243	72.6	64.1	250	89.1						
105	43.5	229	60.4	51.0	239	69.5	61.5	248	85.7						
110	40.0	223	57.5	48.0	234	65.9	58.8	244	81.5						
115	36.2	216	54.9	44.7	229	62.5	56.0	241	77.2						
120	32.0	209	52.0	41.3	224	59.4	53.2	238	73.2						
125	27.2	200	48.5	37.6	218	56.7	50.2	234	70.1						
130	21.4	188	45.1	33.6	210	54.1	47.1	229	66.6						
135				29.1	202	50.9	43.8	224	63.2						
139										55.0	231	65.1			
140				23.8	192	47.8	40.4	218	60.1	54.2	230	64.4			
145							36.6	212	57.5	51.3	226	61.7			
150							32.5	204	54.9	48.2	222	59.2			
155							27.8	195	52.2	44.9	217	56.9			
160							22.1	184	49.4	41.5	211	54.8			
165										38.3	206	52.8			
170										34.4	199	50.9			
175										29.1	189	49.1			
180										23.8	179	47.4			
185										19.9	171	33.4			
207													35.0	172	34.2
210													32.3	167	33.5
215													29.4	162	32.6
220													24.1	151	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  
 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 ]
134 ft Main boom 134 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
43	78.0	275	99.0												
45	77.1	275	99.0												
50	74.9	274	95.4												
55	72.7	272	91.6												
60	70.5	270	87.7												
65	68.2	268	84.3												
66				73.0	271	91.0									
70	65.8	266	80.2	71.3	270	90.1									
75	63.5	264	76.9	69.0	268	86.5									
80	61.0	261	74.2	66.7	266	83.0									
85	58.6	258	69.8	64.4	263	79.0									
90	56.0	255	65.9	62.0	261	76.0									
95	53.4	251	62.5	59.5	258	72.1									
100	50.6	247	59.8	57.0	255	68.1									
102							65.0	260	66.4						
105	47.8	242	56.8	54.4	251	64.6	63.7	259	79.6						
110	44.8	238	54.0	51.7	247	61.8	61.3	256	76.0						
115	41.7	232	51.3	48.9	243	58.9	58.8	253	72.3						
120	38.3	226	48.9	46.0	238	55.9	56.3	250	68.6						
125	34.6	219	46.9	42.9	233	53.1	53.7	246	65.1						
130	30.6	211	44.5	39.6	227	50.6	50.9	242	62.2						
135	26.0	201	42.0	36.0	221	48.5	48.1	238	59.4						
140	20.4	189	39.5	32.2	213	46.2	45.1	233	56.4						
144										55.0	239	60.2			
145				27.8	204	43.8	42.0	228	53.7	54.8	239	61.3			
150				22.7	193	41.4	38.7	222	51.3	51.9	235	58.8			
155							35.0	215	49.3	49.4	231	56.5			
160							31.1	207	47.1	46.5	226	54.4			
165							26.5	197	44.9	43.4	221	52.4			
170							21.1	186	42.6	40.2	216	50.5			
175										36.7	209	48.7			
180										32.9	202	47.1			
185										28.6	193	45.5			
190										23.7	182	44.0			
195										18.9	172	33.4			
215													35.0	178	32.1
215													34.9	178	32.1
220													32.4	173	31.2
225													28.1	164	30.3
230													23.0	153	29.4

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 ]
134 ft Main boom 144 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
45	78.0	285	90.7												
50	76.0	284	89.1												
55	73.9	282	86.1												
60	71.8	281	82.1												
65	69.7	279	79.1												
69				73.0	280	83.1									
70	67.6	277	75.6	72.6	280	83.0									
75	65.4	275	72.0	70.5	278	81.0									
80	63.2	272	69.1	68.4	276	77.7									
85	60.9	269	66.5	66.2	274	74.3									
90	58.6	266	62.6	64.0	272	70.8									
95	56.3	263	59.2	61.8	269	68.2									
100	53.8	260	56.2	59.5	266	64.7									
105	51.3	256	53.7	57.2	263	61.1									
106							65.0	269	63.6						
110	48.7	251	51.3	54.7	260	58.1	63.4	267	71.8						
115	45.9	246	48.7	52.2	256	55.6	61.2	264	68.0						
120	43.1	241	46.3	49.7	252	53.1	58.9	262	64.8						
125	40.0	236	44.1	47.0	247	50.4	56.5	258	61.6						
130	36.8	229	42.1	44.2	242	47.9	54.1	255	58.4						
135	33.3	222	40.4	41.2	237	45.6	51.6	251	55.8						
140	29.4	213	38.7	38.0	230	43.6	49.0	246	53.5						
145	24.9	203	36.9	34.6	223	41.8	46.2	242	50.9						
150	19.5	190	35.1	30.9	215	40.0	43.4	237	48.4	55.0	247	55.4			
155				26.7	206	38.2	40.4	231	46.2	52.7	244	56.3			
160				21.7	194	36.4	37.1	225	44.3	50.1	240	54.1			
165							33.7	217	42.6	47.5	235	52.1			
170							29.8	209	40.8	44.7	230	50.2			
175							25.4	199	39.0	41.7	225	47.8			
180							20.1	187	37.2	38.6	219	45.8			
185										35.3	212	44.0			
190										31.6	204	42.4			
195										27.5	195	40.7			
200										22.6	184	39.0			
205										18.0	173	33.0			
223													35.0	183	30.4
225													34.8	183	30.1
230													31.1	175	29.2
235													26.9	166	28.4
240													22.0	154	27.6

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 ]
134 ft Main boom 154 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
47	78.0	294	81.8												
50	76.9	294	81.6												
55	75.0	292	79.0												
60	73.0	291	76.5												
65	71.1	289	73.9												
70	69.1	288	72.0												
72				73.0	290	75.4									
75	67.1	285	69.3	71.8	289	75.4									
80	65.0	283	66.9	69.8	287	73.0									
85	63.0	281	65.0	67.8	285	70.9									
90	60.8	278	63.2	65.8	283	68.4									
95	58.7	275	60.6	63.8	280	66.2									
100	56.5	272	58.2	61.6	278	64.5									
105	54.2	268	56.1	59.5	275	62.0									
110	51.8	264	54.2	57.3	272	59.6									
110							65.0	278	63.2						
115	49.4	260	52.4	55.0	268	57.4	63.2	276	64.1						
120	46.9	255	49.8	52.7	264	55.6	61.1	273	62.3						
125	44.3	250	47.3	50.3	260	53.7	58.9	270	60.7						
130	41.5	245	45.0	47.8	256	51.0	56.7	267	58.6						
135	38.6	239	42.9	45.3	251	48.5	54.4	263	56.3						
140	35.4	232	41.1	42.5	246	46.1	52.1	259	54.4						
145	32.0	224	39.1	39.7	240	44.0	49.7	255	52.9						
150	28.2	215	37.0	36.6	233	42.1	47.2	251	50.3						
155	23.9	205	34.9	33.3	226	40.2	44.5	246	47.9						
156										55.0	256	54.5			
160	18.6	192	32.8	29.7	218	38.3	41.8	240	45.7	52.9	252	53.7			
165				25.6	208	36.3	38.9	234	43.7	50.5	248	51.7			
170				20.8	196	34.4	35.8	228	42.0	48.3	244	49.9			
175							32.4	220	40.3	45.4	239	48.1			
180							28.7	211	38.6	43.0	234	46.5			
185							24.4	201	36.9	40.2	228	44.9			
190							19.3	188	35.1	37.2	222	43.4			
195										33.9	215	42.0			
200										30.4	207	40.4			
205										26.4	197	38.8			
210										21.7	186	37.2			
215										17.2	174	33.4			
231													35.0	189	28.5
235													33.5	186	27.9
240													29.9	178	27.2
245													25.9	168	26.4
250													21.1	156	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 ]
134 ft Main boom 164 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
49	78.0	304	75.4												
50	77.7	304	75.4												
55	75.9	303	74.2												
60	74.1	301	72.3												
65	72.3	300	70.3												
70	70.4	298	68.6												
75				73.0	299	70.2									
75	68.5	296	67.2	73.0	299	70.2									
80	66.6	294	65.4	71.1	298	69.5									
85	64.7	292	63.9	69.2	296	67.8									
90	62.8	289	62.7	67.4	294	66.5									
95	60.8	286	61.5	65.4	291	64.9									
100	58.7	283	59.6	63.5	289	63.5									
105	56.6	280	58.0	61.5	286	62.5									
110	54.3	276	56.7	59.5	283	60.8									
115							65.0	287	62.8						
115	52.1	272	55.7	57.4	280	59.1	64.9	287	63.7						
120	49.8	268	54.7	55.2	276	57.8	63.0	284	63.4						
125	47.5	264	51.9	53.0	273	56.8	61.0	281	62.1						
130	45.0	259	49.3	50.7	269	55.9	58.9	278	61.0						
135	42.4	253	46.8	48.4	264	53.1	56.9	275	59.5						
140	39.7	247	44.6	45.9	260	50.4	54.6	272	57.5						
145	36.8	241	42.5	43.4	254	47.9	52.4	268	56.2						
150	33.7	234	40.6	40.7	248	45.6	50.1	264	55.2						
155	30.9	227	38.3	37.9	242	43.5	47.7	259	52.9						
160	27.2	218	35.9	34.9	235	41.6	45.3	254	50.2						
161										55.0	264	53.0			
165	23.0	206	33.5	31.6	227	39.5	42.7	249	47.7	53.5	261	51.6			
170	17.9	193	31.1	28.0	218	37.3	40.0	243	45.5	51.1	257	49.7			
175				23.9	208	35.1	37.1	236	43.5	49.0	253	48.0			
180				19.9	197	33.0	34.0	229	41.7	46.4	248	46.3			
185							30.7	221	39.9	44.2	243	44.8			
190							27.0	212	38.1	41.2	237	43.3			
195							22.7	200	36.3	38.4	231	41.9			
200							17.3	186	34.4	35.4	224	40.6			
205										32.2	216	39.3			
210										28.7	207	38.1			
215										24.7	197	37.0			
220										19.9	184	35.9			
239													35.0	195	27.1
240													34.9	194	27.0
245													32.4	188	26.3
250													28.9	180	25.5
255													24.9	170	24.8
260													20.3	157	24.1

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 ]
134 ft Main boom 174 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
51	78.0	314	68.6												
55	76.7	313	68.3												
60	75.0	312	66.5												
65	73.3	310	65.0												
70	71.6	308	63.3												
75	69.8	307	62.0												
78				73.0	309	63.8									
80	68.0	305	60.7	72.2	308	63.8									
85	66.2	302	59.3	70.5	306	62.7									
90	64.4	300	58.1	68.7	304	61.4									
95	62.6	298	57.1	66.9	302	60.2									
100	60.7	295	56.1	65.1	300	58.9									
105	58.8	292	54.6	63.3	297	57.8									
110	56.8	289	53.3	61.4	295	56.9									
115	54.6	285	52.2	59.5	292	55.6									
119							65.0	296	57.2						
120	52.6	281	51.4	57.6	289	54.3	64.6	295	57.9						
125	50.4	277	50.7	55.6	285	53.2	62.8	293	57.5						
130	48.2	272	48.7	53.4	281	52.1	60.9	290	56.5						
135	45.9	268	46.3	51.2	277	51.4	59.0	287	55.6						
140	43.5	262	44.1	49.0	273	49.4	57.0	284	54.4						
145	41.0	257	42.1	46.8	268	47.1	55.0	280	53.0						
150	38.4	251	40.2	44.4	263	44.9	52.8	276	51.9						
155	35.6	244	38.5	42.0	258	42.9	50.7	272	51.1						
160	33.1	237	36.8	39.4	252	41.0	48.4	268	49.6						
165	29.9	229	34.7	36.7	245	39.4	46.2	263	47.2						
167										55.0	272	49.9			
170	26.3	220	32.6	33.7	238	37.7	43.8	258	45.0	53.7	269	49.3			
175	22.2	208	30.5	30.6	230	35.7	41.3	252	43.0	51.6	265	47.5			
180	17.1	194	28.3	27.0	220	33.8	38.7	246	41.1	49.4	261	45.9			
185				23.8	211	32.0	35.9	239	39.5	47.4	257	44.4			
190				19.2	198	30.0	32.9	232	37.9	44.9	252	42.9			
195							29.7	223	36.3	42.4	246	41.5			
200							26.0	214	34.7	39.9	240	40.2			
205							21.8	202	33.1	37.6	235	39.0			
210							18.9	194	31.5	34.3	227	37.8			
215										31.7	220	36.7			
220										28.3	211	35.6			
225										23.8	199	34.5			
230										19.1	185	33.1			
247													35.0	200	25.2
250													34.4	199	24.9
255													31.3	191	24.2
260													27.9	182	23.5
265													24.1	171	22.9
270													19.5	158	22.2

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  
 Carbode 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 ]
134 ft Main boom 184 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
53	78.0	323	63.1												
55	77.4	323	63.1												
60	75.8	322	61.8												
65	74.2	320	60.4												
70	72.6	319	59.0												
75	70.9	317	57.7												
80	69.3	315	56.7												
81				73.0	318	58.6									
85	67.6	313	55.5	71.6	317	58.4									
90	65.9	311	54.3	69.9	315	57.2									
95	64.2	309	53.3	68.2	313	56.2									
100	62.4	306	52.5	66.5	311	55.2									
105	60.6	303	51.7	64.8	308	54.0									
110	58.8	300	50.6	63.1	306	53.1									
115	57.0	297	49.5	61.3	303	52.4									
120	54.9	293	48.6	59.5	300	51.3									
123							65.0	305	52.6						
125	53.0	290	47.9	57.7	297	50.4	64.3	304	53.2						
130	50.9	286	47.3	55.8	294	49.5	62.6	301	52.8						
135	48.9	281	46.0	53.9	290	48.7	60.8	298	51.9						
140	46.7	277	43.9	51.9	286	48.0	59.0	295	51.1						
145	44.5	272	41.9	49.9	282	46.8	57.2	292	50.3						
150	42.5	267	40.1	47.8	278	44.7	55.3	289	49.3						
155	39.8	260	38.3	45.6	273	42.7	53.3	285	48.4						
160	37.6	255	36.8	43.4	268	40.8	51.2	281	47.7						
165	34.9	248	35.4	40.7	261	39.0	49.1	276	47.0						
170	32.0	240	33.6	38.2	255	37.4	47.0	272	44.8						
172										55.0	280	46.7			
175	28.9	231	31.8	35.5	248	36.1	44.7	267	42.8	54.2	278	47.3			
180	25.4	221	29.9	32.7	241	34.4	42.4	262	40.9	52.1	274	45.6			
185	21.4	210	28.0	29.6	232	32.7	40.0	256	39.2	50.0	270	44.1			
190	16.5	194	26.0	26.8	224	31.1	37.5	249	37.6	47.9	265	42.6			
195				23.0	213	29.4	34.8	242	36.2	46.0	261	41.3			
200				18.5	199	27.7	31.9	234	34.8	43.8	256	40.0			
205							28.7	226	33.4	41.1	250	38.7			
210							25.2	215	31.9	38.6	244	37.5			
215							21.1	203	30.5	36.0	237	36.4			
220										33.2	229	35.3			
225										30.2	221	34.3			
230										26.8	211	33.0			
235										23.0	200	31.8			
240										20.4	192	31.0			
255													35.0	206	23.7
260													33.3	202	23.2
265													30.3	193	22.5
270													27.0	184	21.9
275													23.3	173	21.3
280													18.8	160	20.7

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 ]
134 ft Main boom 194 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
56	78.0	333	56.4												
60	76.6	332	55.9												
65	75.1	331	54.4												
70	73.5	329	53.3												
75	72.0	328	52.0												
80	70.4	326	51.0												
84				73.0	328	52.1									
85	68.8	324	50.2	72.5	327	52.1									
90	67.2	322	49.0	71.0	325	51.6									
95	65.5	320	48.0	69.4	323	50.4									
100	63.9	317	47.2	67.8	321	49.6									
105	62.2	314	46.4	66.1	319	48.6									
110	60.5	312	45.7	64.5	317	47.6									
115	58.7	309	44.9	62.8	314	46.9									
120	57.0	305	44.2	61.1	312	46.3									
125	55.2	302	43.5	59.4	309	45.4									
127							65.0	314	47.1						
130	53.3	298	42.9	57.6	305	44.6	64.0	312	47.1						
135	51.4	294	42.4	55.8	302	43.9	62.4	310	46.7						
140	49.5	290	41.7	54.0	298	43.3	60.7	307	45.8						
145	47.4	285	40.0	52.1	295	42.7	58.9	304	45.2						
150	45.4	280	38.5	50.2	290	41.9	57.2	300	44.5						
155	43.2	275	37.0	48.2	286	40.4	55.4	297	43.8						
160	41.0	270	35.6	46.2	281	38.9	53.5	293	43.2						
165	38.6	263	34.4	44.0	276	37.5	51.6	289	42.6						
170	36.1	257	33.2	41.8	271	36.2	49.7	285	42.2						
175	33.5	249	32.0	39.5	265	35.0	47.7	281	40.7						
178										55.0	288	41.7			
180	30.6	241	30.3	37.1	258	33.9	45.6	276	39.2	54.3	286	41.7			
185	27.5	232	28.7	34.5	251	32.8	43.4	271	37.8	52.5	283	41.5			
190	24.0	221	27.0	31.7	243	31.3	41.2	265	36.5	50.5	278	40.9			
195	19.9	208	25.3	28.7	234	29.8	38.9	259	35.2	48.6	274	40.2			
200	17.0	199	22.7	25.3	224	28.3	36.4	252	34.2	46.5	269	39.5			
205				21.5	212	26.7	33.8	245	33.0	44.4	264	38.3			
210				18.9	204	24.7	30.9	237	31.8	42.2	259	37.0			
215							27.8	228	30.5	39.9	253	35.7			
220							25.8	221	29.4	37.5	247	34.5			
225							22.1	210	28.4	35.0	240	33.5			
230										33.3	235	33.0			
235										30.4	227	32.1			
240										27.3	217	31.1			
245										23.8	207	30.1			
250										19.7	194	29.1			
263													35.0	212	22.1
265													34.1	209	21.8
270													32.3	204	21.3
275													29.4	196	20.7
280													26.2	186	20.1
285													22.5	174	19.6
290													18.1	161	19.0

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 ]
134 ft Main boom 203 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
58	78.0	343	51.7												
60	77.3	342	51.7												
65	75.8	341	50.5												
70	74.4	340	49.2												
75	72.9	338	48.1												
80	71.4	336	47.1												
85	69.9	334	46.2												
86				73.0	337	47.5									
90	68.3	332	45.4	71.9	336	47.5									
95	66.8	330	44.4	70.4	334	46.6									
100	65.2	328	43.5	68.9	332	45.6									
105	63.7	326	42.7	67.4	330	44.9									
110	62.1	323	42.0	65.8	328	43.9									
115	60.4	320	41.4	64.3	325	43.1									
120	58.8	317	40.7	62.7	323	42.4									
125	57.1	314	40.0	61.0	320	41.8									
130	55.4	310	39.4	59.4	317	41.1									
131							65.0	322	42.7						
135	53.6	307	38.9	57.7	314	40.4	63.8	321	42.6						
140	51.8	303	38.4	56.0	310	39.8	62.2	318	42.2						
145	50.0	299	38.0	54.3	307	39.2	60.6	315	41.4						
150	48.1	294	36.7	52.5	303	38.7	59.0	312	40.8						
155	46.1	290	35.5	50.7	299	38.2	57.3	309	40.2						
160	44.1	284	34.4	48.8	295	37.1	55.6	306	39.6						
165	42.0	279	33.3	46.9	290	35.9	53.8	302	39.0						
170	39.8	273	32.3	44.9	285	34.9	52.0	298	38.5						
175	37.5	266	31.4	42.8	280	33.9	50.2	294	38.1						
180	35.1	260	30.5	40.7	274	32.9	48.3	290	37.2						
184										55.0	296	37.5			
185	32.5	252	29.3	38.4	268	32.1	46.3	285	36.1	54.6	295	37.5			
190	29.7	243	27.8	36.0	261	31.3	44.3	280	35.0	52.8	291	37.4			
195	26.7	234	26.3	33.5	254	30.2	42.2	274	34.0	51.0	287	37.1			
200	23.2	223	24.8	30.8	246	28.8	40.1	268	33.1	49.1	283	36.6			
205	19.2	209	23.2	27.9	236	27.4	37.8	262	32.3	47.2	278	36.3			
210				24.6	226	26.0	35.4	255	31.6	45.2	273	35.7			
215				20.8	214	24.6	32.8	248	30.4	43.2	268	34.5			
220				18.3	205	22.5	30.0	239	29.3	41.0	262	33.5			
225							27.0	230	28.1	38.8	256	32.5			
230							23.6	219	27.0	37.3	252	32.1			
235							21.4	211	25.9	34.9	245	31.9			
240										32.3	237	31.1			
245										29.5	229	30.1			
250										26.5	219	29.1			
255										23.1	208	28.1			
260										19.1	195	27.0			
271													35.0	217	20.8
275													34.1	214	20.5
280													31.4	207	19.9
285													28.6	198	19.3
290													25.4	188	18.8
295													21.8	176	18.3
300													17.5	162	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  
 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 ]
134 ft Main boom 213 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
60	78.0	352	47.3												
60	77.9	352	47.3												
65	76.5	351	46.8												
70	75.1	350	45.6												
75	73.7	348	44.8												
80	72.3	347	43.7												
85	70.8	345	42.8												
89				73.0	346	43.5									
90	69.4	343	42.2	72.8	346	43.5									
95	67.9	341	41.3	71.4	344	43.3									
100	66.5	339	40.5	69.9	343	42.4									
105	65.0	336	39.8	68.5	341	41.6									
110	63.5	334	39.1	67.0	338	40.9									
115	61.9	331	38.6	65.5	336	40.0									
120	60.4	329	38.0	64.0	334	39.4									
125	58.8	326	37.3	62.5	331	38.8									
130	57.2	322	36.6	61.0	328	38.3									
135	55.6	319	36.0	59.4	326	37.6									
136							65.0	331	38.9						
140	53.9	315	35.4	57.8	322	36.9	63.6	329	38.9						
145	52.2	312	34.9	56.2	319	36.3	62.1	326	38.5						
150	50.5	307	34.5	54.5	316	35.8	60.6	324	37.8						
155	48.7	303	33.7	52.8	312	35.4	59.0	321	37.2						
160	46.8	298	32.7	51.1	308	35.0	57.4	318	36.7						
165	44.9	293	31.8	49.3	304	34.1	55.7	314	36.2						
170	42.9	288	31.0	47.5	299	33.2	54.1	310	35.7						
175	40.9	282	30.1	45.6	294	32.3	52.4	307	35.2						
180	38.8	276	29.4	43.7	289	31.5	50.6	303	34.8						
185	36.5	270	28.7	41.7	283	30.7	48.9	298	34.3						
190										55.0	304	34.2			
190	34.2	262	28.1	39.6	277	30.0	47.0	294	33.3	54.8	304	34.2			
195	31.6	254	26.7	37.4	271	29.3	45.1	289	32.5	53.1	300	34.2			
200	28.9	246	25.3	35.1	264	28.7	43.2	283	31.7	51.4	296	33.8			
205	25.9	236	23.9	32.6	256	27.4	41.1	278	30.9	49.7	292	33.4			
210	22.6	224	22.5	30.0	248	26.2	39.0	272	30.2	47.8	287	33.1			
215	18.6	210	21.1	27.1	238	25.0	36.8	265	29.5	46.0	282	32.8			
220				23.9	228	23.7	34.4	258	28.8	44.0	277	31.9			
225				20.2	215	22.4	31.9	250	27.8	42.0	272	31.0			
230							29.2	241	26.7	40.0	266	30.2			
235							26.3	232	25.7	37.8	259	29.5			
240							22.9	220	24.6	36.3	255	28.9			
245							19.1	207	23.5	34.0	248	28.5			
250										31.5	240	27.7			
255										28.7	231	27.0			
260										25.8	221	26.2			
265										22.4	210	25.4			
270										18.5	196	24.6			
279													35.0	223	19.3
280													34.7	222	19.2
285													33.2	217	18.8
290													30.6	209	18.2
295													27.8	200	17.7
300													24.7	190	17.2
305													21.2	177	16.7
310													17.0	162	16.2

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 ]
134 ft Main boom 223 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
62	78.0	362	43.7												
65	77.1	361	43.7												
70	75.8	360	42.7												
75	74.4	358	41.9												
80	73.1	357	41.1												
85	71.7	355	40.2												
90	70.4	354	39.5												
92				73.0	356	40.3									
95	69.0	352	38.9	72.2	355	40.3									
100	67.6	350	38.1	70.9	353	39.9									
105	66.2	347	37.4	69.5	351	39.0									
110	64.7	345	36.8	68.1	349	38.3									
115	63.3	342	36.2	66.7	347	37.6									
120	61.8	340	35.8	65.3	345	36.9									
125	60.3	337	35.2	63.8	342	36.3									
130	58.8	334	34.5	62.4	340	35.8									
135	57.3	331	33.8	60.9	337	35.3									
140							65.0	340	35.9						
140	55.7	328	33.2	59.4	334	34.7	64.9	340	35.9						
145	54.2	324	32.7	57.9	331	34.1	63.4	338	35.8						
150	52.5	320	32.2	56.3	328	33.5	62.0	335	35.5						
155	50.9	316	31.7	54.8	324	33.0	60.5	332	34.9						
160	49.2	312	31.2	53.1	320	32.6	59.0	329	34.4						
165	47.4	307	30.4	51.5	316	32.2	57.5	326	33.9						
170	45.6	302	29.7	49.8	312	31.6	55.9	323	33.4						
175	43.8	297	29.0	48.1	308	30.9	54.3	319	32.9						
180	41.9	292	28.3	46.3	303	30.1	52.7	315	32.5						
185	39.9	286	27.7	44.5	298	29.5	51.1	311	32.2						
190	37.8	279	27.1	42.6	292	28.8	49.4	307	31.8						
195	35.6	272	26.6	40.6	287	28.2	47.6	302	31.1						
195										55.0	312	31.5			
200	33.3	265	25.8	38.6	281	27.6	45.8	298	30.3	53.4	308	31.5			
205	30.8	257	24.5	36.4	274	27.1	44.0	292	29.7	51.8	304	31.2			
210	28.2	248	23.3	34.2	267	26.4	42.1	287	29.0	50.1	300	30.8			
215	25.2	238	22.0	31.8	259	25.2	40.1	281	28.4	48.4	296	30.5			
220	21.9	226	20.7	29.2	250	24.1	38.0	275	27.9	46.6	291	30.2			
225	18.1	212	19.3	26.4	240	22.9	35.8	268	27.4	44.8	286	29.7			
230				23.2	229	21.8	33.5	261	26.6	42.9	281	29.0			
235				19.6	216	20.6	31.1	252	25.6	41.0	275	28.3			
240							28.4	244	24.7	39.0	269	27.7			
245							25.6	233	23.7	36.8	262	27.2			
250							22.3	222	22.7	34.6	255	26.7			
255							18.5	208	21.7	32.2	248	26.0			
260										29.7	239	25.2			
265										28.0	233	24.4			
270										25.1	223	23.8			
275										21.8	211	23.2			
280										17.9	197	22.6			
287													35.0	229	18.1
290													34.7	228	17.9
295													32.3	220	17.3
300													29.8	211	16.9
305													27.0	202	16.4
310													24.0	191	15.9
315													20.6	179	15.4

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 ]
134 ft Main boom 233 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
64	78.0	372	39.4												
65	77.7	371	39.4												
70	76.4	370	39.0												
75	75.1	369	38.1												
80	73.8	367	37.4												
85	72.5	366	36.5												
90	71.2	364	35.7												
95	69.9	362	35.1												
95				73.0	365	36.1									
100	68.6	360	34.5	71.7	364	36.0									
105	67.2	358	33.8	70.4	362	35.4									
110	65.9	356	33.1	69.1	360	34.6									
115	64.5	354	32.6	67.7	358	34.1									
120	63.1	351	32.1	66.4	356	33.4									
125	61.7	348	31.7	65.0	353	32.8									
130	60.3	346	31.1	63.7	351	32.2									
135	58.9	342	30.6	62.3	348	31.8									
140	57.4	339	30.0	60.8	345	31.3									
144							65.0	349	31.9						
145	55.9	336	29.5	59.4	342	30.8	64.7	349	31.9						
150	54.4	332	29.1	58.0	339	30.2	63.3	346	31.8						
155	52.8	329	28.7	56.5	336	29.8	61.9	343	31.4						
160	51.3	325	28.3	55.0	333	29.3	60.5	341	30.9						
165	49.6	320	28.0	53.4	329	28.9	59.0	338	30.4						
170	48.0	316	27.4	51.9	325	28.6	57.6	334	30.0						
175	46.3	311	26.9	50.3	321	28.2	56.1	331	29.6						
180	44.5	306	26.5	48.6	316	27.7	54.6	328	29.2						
185	42.7	301	26.0	46.9	312	27.2	53.0	324	28.8						
190	40.9	295	25.6	45.2	307	26.8	51.4	320	28.5						
195	38.9	289	25.2	43.4	302	26.4	49.8	316	28.2						
200	36.9	282	24.8	41.6	296	25.9	48.2	311	27.7						
201										55.0	320	27.8			
205	34.7	275	24.4	39.6	290	25.6	46.5	306	27.3	53.7	317	27.8			
210	32.5	268	23.5	37.6	284	25.2	44.7	302	26.9	52.1	313	27.6			
215	30.1	259	22.3	35.5	277	24.9	42.9	296	26.4	50.5	309	27.3			
220	27.4	250	21.1	33.3	269	24.0	41.1	290	26.1	48.9	305	27.0			
225	24.6	239	20.0	31.0	261	23.0	39.1	284	25.7	47.2	300	26.7			
230	21.3	227	18.8	28.4	252	21.9	37.1	278	25.4	45.5	295	26.5			
235	17.5	212	17.5	25.7	242	20.9	35.0	271	25.0	43.7	290	26.1			
240				22.6	231	19.8	32.7	263	24.2	41.9	284	25.7			
245				19.0	217	18.7	30.3	255	23.3	40.0	278	25.3			
250							27.7	246	22.4	38.0	272	25.0			
255							24.9	235	21.5	35.9	265	24.7			
260							21.7	223	20.6	33.7	258	24.4			
265							19.6	215	19.9	31.4	250	23.7			
270										28.9	241	22.9			
275										27.3	235	22.3			
280										24.4	225	21.7			
285										21.2	213	21.2			
290										17.4	198	20.6			
296													35.0	234	16.6
300													33.8	230	16.3
305													31.5	222	15.8
310													29.0	214	15.3
315													26.4	204	14.9
320													23.4	193	14.4
325													20.0	180	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 ]
134 ft Main boom 243 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
66	78.0	381	36.0												
70	77.0	380	35.9												
75	75.7	379	35.1												
80	74.5	378	34.3												
85	73.3	376	33.6												
90	72.0	374	32.7												
95	70.8	373	32.1												
98				73.0	374	32.7									
100	69.5	371	31.5	72.5	374	32.7									
105	68.2	369	30.9	71.2	372	32.4									
110	66.9	367	30.2	70.0	370	31.7									
115	65.6	364	29.6	68.7	368	31.1									
120	64.3	362	29.1	67.4	366	30.6									
125	63.0	360	28.7	66.1	364	30.0									
130	61.6	357	28.3	64.8	362	29.4									
135	60.3	354	27.8	63.5	359	28.9									
140	58.9	351	27.4	62.1	357	28.5									
145	57.5	348	26.9	60.8	354	28.1									
148							65.0	358	28.6						
150	56.1	344	26.5	59.4	351	27.6	64.5	357	28.6						
155	54.6	341	26.2	58.0	348	27.1	63.1	355	28.5						
160	53.1	337	25.8	56.6	345	26.7	61.8	352	28.1						
165	51.6	333	25.5	55.2	341	26.3	60.4	349	27.6						
170	50.1	329	25.3	53.7	337	26.0	59.0	346	27.2						
175	48.5	325	24.9	52.2	334	25.6	57.6	343	26.8						
180	46.9	320	24.6	50.7	330	25.4	56.2	340	26.4						
185	45.2	315	24.3	49.1	325	25.1	54.8	336	26.1						
190	43.5	310	24.0	47.5	321	24.8	53.3	332	25.7						
195	41.7	304	23.7	45.9	316	24.5	51.8	328	25.4						
200	39.9	298	23.5	44.2	311	24.2	50.2	324	25.2						
205	38.0	292	23.2	42.4	305	24.0	48.7	320	24.9						
206										55.0	328	24.9			
210	36.0	285	23.0	40.6	300	23.8	47.1	315	24.7	53.9	325	24.9			
215	33.9	278	22.7	38.7	293	23.5	45.4	310	24.5	52.5	322	24.6			
220	31.7	270	21.6	36.8	287	23.3	43.7	305	24.2	50.9	318	24.4			
225	29.3	261	20.5	34.7	280	23.0	41.9	300	24.0	49.4	313	24.1			
230	26.8	252	19.4	32.5	272	22.1	40.1	294	23.8	47.8	309	23.9			
235	24.0	241	18.3	30.2	264	21.1	38.2	288	23.6	46.1	304	23.7			
240	20.8	228	17.2	27.8	254	20.1	36.2	281	23.5	44.5	299	23.6			
245	17.0	213	16.0	25.0	244	19.2	34.1	274	23.0	42.7	294	23.4			
250				22.0	232	18.2	31.9	266	22.2	40.9	288	23.2			
255				18.5	218	17.2	29.6	257	21.4	39.1	282	23.0			
260							27.1	248	20.6	37.1	275	22.9			
265							25.4	241	19.9	35.1	268	22.8			
270							22.4	230	19.3	32.9	261	22.4			
275							19.0	216	18.6	30.7	252	21.8			
280										28.2	243	21.1			
285										26.6	237	20.5			
290										23.8	226	20.0			
295										20.6	214	19.5			
300										16.9	199	19.0			
304													35.0	240	15.6
305													34.4	238	15.5
310													33.0	233	15.1
315													30.8	225	14.6
320													28.4	216	14.2
325													25.7	206	13.8
330													22.8	194	13.4
335													19.5	181	12.9

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 ]
134 ft Main boom 253 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
68	78.0	391	32.5												
70	77.5	390	32.5												
75	76.3	389	32.0												
80	75.1	388	31.2												
85	73.9	386	30.5												
90	72.7	385	29.8												
95	71.5	383	29.1												
100	70.3	381	28.5												
101				73.0	384	29.3									
105	69.1	380	28.1	72.0	383	29.3									
110	67.9	377	27.4	70.8	381	28.8									
115	66.6	375	26.8	69.6	379	28.1									
120	65.4	373	26.2	68.3	377	27.6									
125	64.1	371	25.8	67.1	375	27.1									
130	62.8	368	25.3	65.9	373	26.5									
135	61.6	365	25.0	64.6	370	26.0									
140	60.2	362	24.6	63.3	368	25.5									
145	58.9	360	24.1	62.0	365	25.1									
150	57.6	356	23.7	60.7	362	24.7									
152							65.0	367	25.5						
155	56.2	353	23.4	59.4	359	24.3	64.3	366	25.4						
160	54.8	350	23.0	58.1	356	23.9	63.0	363	25.2						
165	53.4	346	22.7	56.7	353	23.5	61.7	360	24.8						
170	51.9	342	22.4	55.3	350	23.1	60.4	358	24.4						
175	50.5	338	22.2	53.9	346	22.8	59.1	355	24.0						
180	49.0	333	21.9	52.5	342	22.5	57.7	351	23.7						
185	47.4	329	21.6	51.0	338	22.3	56.3	348	23.3						
190	45.8	324	21.3	49.5	334	22.0	55.0	345	23.0						
195	44.2	319	21.1	48.0	329	21.7	53.5	341	22.6						
200	42.5	314	20.8	46.4	325	21.5	52.1	337	22.3						
205	40.8	308	20.6	44.8	320	21.2	50.6	333	22.1						
210	39.0	302	20.4	43.2	314	21.0	49.1	329	21.9						
212										55.0	336	21.8			
215	37.2	295	20.2	41.5	309	20.7	47.6	324	21.6	54.2	334	21.8			
220	35.2	288	20.0	39.7	303	20.5	46.0	319	21.4	52.7	330	21.7			
225	33.2	281	19.5	37.9	296	20.3	44.4	314	21.2	51.3	326	21.5			
230	31.0	272	18.6	35.9	290	20.2	42.7	309	21.0	49.8	322	21.2			
235	28.7	264	17.8	33.9	282	19.7	41.0	303	20.8	48.3	318	21.0			
240	26.1	254	16.9	31.8	274	19.0	39.2	297	20.6	46.7	313	20.8			
245	23.4	243	16.1	29.5	266	18.3	37.4	291	20.4	45.1	308	20.6			
250	20.2	230	15.2	27.1	256	17.5	35.4	284	20.3	43.5	303	20.5			
255	16.5	214	14.3	24.4	246	16.8	33.4	276	19.8	41.8	297	20.3			
260				21.5	234	16.0	31.2	268	19.2	40.0	291	20.1			
265				18.0	219	15.3	28.9	259	18.6	38.2	285	20.0			
270							26.4	250	18.1	36.3	278	19.8			
275							24.8	243	17.6	34.3	271	19.7			
280							21.9	231	17.1	32.2	263	19.3			
285							18.5	218	16.7	30.0	255	18.9			
290										27.6	246	18.5			
295										26.0	239	18.1			
300										23.2	228	17.8			
305										20.1	215	17.5			
312													35.0	246	14.3
315													34.4	243	14.1
320													32.3	236	13.6
325													30.1	227	13.2
330													27.7	218	12.8
335													25.1	208	12.4
340													22.2	196	12.0
345													19.0	182	11.6

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 ]
134 ft Main boom 262 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
70	78.0	400	29.6												
70	78.0	400	29.6												
75	76.8	399	29.5												
80	75.7	398	28.7												
85	74.6	397	28.0												
90	73.4	395	27.4												
95	72.3	394	26.7												
100	71.1	392	26.1												
104				73.0	393	26.5									
105	69.9	390	25.6	72.7	393	26.5									
110	68.8	388	25.2	71.5	391	26.3									
115	67.6	386	24.6	70.4	390	25.8									
120	66.4	384	24.0	69.2	388	25.2									
125	65.2	382	23.5	68.0	386	24.7									
130	64.0	379	23.0	66.8	384	24.2									
135	62.7	376	22.7	65.6	381	23.6									
140	61.5	374	22.3	64.4	379	23.2									
145	60.2	371	21.9	63.2	376	22.8									
150	58.9	368	21.5	61.9	374	22.4									
155	57.6	365	21.1	60.7	371	22.0									
156							65.0	376	22.9						
160	56.3	362	20.8	59.4	368	21.6	64.1	374	22.9						
165	55.0	358	20.5	58.1	365	21.2	62.9	372	22.6						
170	53.6	354	20.2	56.8	362	20.9	61.6	369	22.1						
175	52.2	350	19.9	55.5	358	20.5	60.3	366	21.8						
180	50.8	346	19.7	54.1	354	20.2	59.1	363	21.5						
185	49.4	342	19.4	52.8	351	20.0	57.8	360	21.2						
190	47.9	338	19.2	51.4	347	19.7	56.5	357	20.8						
195	46.4	333	18.9	49.9	343	19.5	55.1	353	20.4						
200	44.9	328	18.7	48.5	338	19.2	53.8	350	20.1						
205	43.3	323	18.5	47.0	334	19.0	52.4	346	19.9						
210	41.6	317	18.2	45.5	329	18.8	51.0	342	19.6						
215	39.9	311	18.0	43.9	324	18.5	49.5	337	19.4						
218										55.0	344	19.4			
220	38.2	305	17.8	42.3	318	18.3	48.1	333	19.2	54.4	342	19.4			
225	36.4	298	17.7	40.6	312	18.1	46.6	328	18.9	53.0	339	19.3			
230	34.4	291	17.5	38.9	306	17.9	45.0	323	18.7	51.6	335	19.1			
235	32.4	283	16.9	37.1	300	17.8	43.5	318	18.5	50.2	331	18.9			
240	30.3	275	16.3	35.2	293	17.6	41.8	312	18.3	48.7	326	18.7			
245	28.0	266	15.6	33.2	285	17.1	40.1	307	18.1	47.3	322	18.5			
250	25.5	256	14.9	31.1	277	16.6	38.4	300	17.9	45.7	317	18.3			
255	22.8	244	14.3	28.9	268	16.0	36.6	294	17.8	44.2	312	18.1			
260	19.7	231	13.6	26.5	258	15.5	34.7	287	17.6	42.6	306	17.9			
265	16.1	215	12.9	24.9	252	14.9	32.7	279	17.2	40.9	301	17.8			
270				22.2	240	14.5	30.5	271	16.8	39.2	295	17.6			
275				19.0	227	14.0	29.2	265	16.4	37.4	288	17.5			
280							25.8	252	16.1	35.5	281	17.3			
285							24.2	245	15.7	33.6	274	17.2			
290							21.4	233	15.4	31.5	266	16.9			
295							18.1	218	15.1	29.3	257	16.7			
300										26.9	248	16.4			
305										25.4	241	16.1			
310										22.7	230	16.0			
315										19.6	217	15.8			
320													35.0	251	13.2
320													34.9	251	13.2
325													33.6	246	12.8
330													31.6	238	12.4
335													29.4	229	12.0
340													27.1	220	11.7
345													24.5	209	11.3
350													21.7	198	10.9
355													18.5	184	10.6

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 ]
134 ft Main boom 272 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
72	78.0	410	26.3												
75	77.3	409	26.3												
80	76.2	408	26.0												
85	75.1	407	25.4												
90	74.0	405	24.9												
95	72.9	404	24.3												
100	71.8	402	23.7												
105	70.7	400	23.2												
107				73.0	403	23.8									
110	69.6	399	22.9	72.2	402	23.7									
115	68.4	397	22.4	71.1	400	23.5									
120	67.3	395	21.9	70.0	398	22.9									
125	66.1	392	21.4	68.9	396	22.4									
130	65.0	390	21.0	67.7	394	22.1									
135	63.8	388	20.6	66.6	392	21.5									
140	62.6	385	20.2	65.4	390	21.1									
145	61.4	382	19.9	64.2	387	20.7									
150	60.2	379	19.6	63.1	385	20.3									
155	59.0	376	19.2	61.9	382	20.1									
160	57.7	373	18.9	60.6	379	19.7									
160							65.0	385	19.8						
165	56.4	370	18.6	59.4	376	19.3	63.9	383	19.7						
170	55.2	366	18.3	58.2	373	19.0	62.7	380	19.5						
175	53.8	363	18.0	56.9	370	18.7	61.5	377	19.1						
180	52.5	359	17.8	55.6	367	18.4	60.3	374	18.8						
185	51.2	355	17.5	54.3	363	18.1	59.1	372	18.5						
190	49.8	351	17.3	53.0	359	17.9	57.8	368	18.3						
195	48.4	346	17.1	51.7	355	17.6	56.6	365	17.9						
200	46.9	342	16.9	50.3	351	17.4	55.3	362	17.6						
205	45.5	337	16.7	48.9	347	17.2	54.0	358	17.4						
210	43.9	332	16.5	47.5	342	17.0	52.7	354	17.1						
215	42.4	326	16.2	46.0	338	16.8	51.3	350	16.9						
220	40.8	321	16.1	44.5	332	16.6	49.9	346	16.8						
223										55.0	352	17.2			
225	39.1	314	15.9	43.0	327	16.4	48.5	342	16.6	54.6	351	17.2			
230	37.4	308	15.7	41.4	322	16.2	47.1	337	16.4	53.3	347	17.1			
235	35.6	301	15.5	39.8	316	16.0	45.6	332	16.2	51.9	343	16.9			
240	33.7	294	15.3	38.1	309	15.8	44.1	327	16.0	50.6	339	16.7			
245	31.7	286	14.8	36.3	303	15.7	42.6	322	15.8	49.2	335	16.5			
250	29.7	277	14.2	34.4	295	15.4	41.0	316	15.7	47.7	330	16.4			
255	27.4	268	13.7	32.5	288	15.0	39.3	310	15.5	46.3	326	16.2			
260	25.0	257	13.1	30.5	279	14.6	37.6	304	15.4	44.8	321	16.1			
265	22.3	246	12.6	28.3	270	14.1	35.8	297	15.3	43.3	316	15.9			
270	19.3	232	12.0	25.9	260	13.7	33.9	289	15.1	41.7	310	15.8			
275	15.7	216	11.5	23.3	249	13.2	32.0	282	14.8	40.1	304	15.6			
280				21.7	242	12.8	29.9	273	14.6	38.4	298	15.5			
285				18.5	228	12.4	27.7	264	14.3	36.6	291	15.4			
290							25.3	253	14.1	34.8	284	15.3			
295							22.6	242	13.9	32.9	276	15.1			
300							19.6	228	13.6	30.8	268	14.9			
305							17.6	220	13.3	28.7	259	14.7			
310										26.4	249	14.6			
315										24.9	243	14.4			
320										22.2	231	14.3			
325										19.1	218	14.2			
328													35.0	257	12.0
330													34.8	256	11.9
335													32.9	249	11.5
340													30.9	240	11.1
345													28.8	232	10.7
350													26.5	222	10.4
355													24.0	211	10.0
360													21.2	199	9.7
365													18.0	185	9.3

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 ]
134 ft Main boom 282 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
74	78.0	420	23.6												
75	77.8	419	23.6												
80	76.7	418	23.6												
85	75.7	417	23.2												
90	74.6	416	22.8												
95	73.6	414	22.4												
100	72.5	413	21.8												
105	71.4	411	21.3												
110				73.0	412	21.6									
110	70.3	409	20.9	72.9	412	21.6									
115	69.2	407	20.6	71.8	410	21.5									
120	68.1	405	20.1	70.7	409	21.1									
125	67.0	403	19.7	69.6	407	20.6									
130	65.9	401	19.3	68.5	405	20.2									
135	64.8	399	18.9	67.4	403	19.8									
140	63.6	396	18.5	66.3	401	19.4									
145	62.5	394	18.3	65.2	398	19.0									
150	61.3	391	18.0	64.1	396	18.7									
155	60.2	388	17.7	62.9	393	18.4									
160	59.0	385	17.3	61.8	391	18.1									
165							65.0	394	17.2						
165	57.8	382	17.0	60.6	388	17.8	64.9	394	17.2						
170	56.5	378	16.8	59.4	385	17.5	63.8	391	17.2						
175	55.3	375	16.5	58.2	382	17.2	62.6	388	17.0						
180	54.1	371	16.3	57.0	378	16.9	61.5	386	16.7						
185	52.8	368	16.0	55.8	375	16.6	60.3	383	16.4						
190	51.5	364	15.8	54.5	372	16.4	59.1	380	16.1						
195	50.1	360	15.7	53.3	368	16.1	57.9	377	15.9						
200	48.8	355	15.4	52.0	364	15.9	56.7	374	15.6						
205	47.4	351	15.2	50.6	360	15.7	55.4	370	15.4						
210	46.0	346	15.0	49.3	356	15.5	54.2	367	15.2						
215	44.6	341	14.8	47.9	351	15.3	52.9	363	15.0						
220	43.1	336	14.6	46.5	346	15.1	51.6	359	14.8						
225	41.6	330	14.5	45.1	342	14.9	50.3	355	14.6						
229										55.0	360	15.4			
230	40.0	324	14.3	43.6	336	14.8	48.9	350	14.5	54.7	360	15.4			
235	38.3	318	14.1	42.1	331	14.6	47.6	346	14.3	53.5	356	15.4			
240	36.7	311	14.0	40.6	325	14.4	46.2	341	14.1	52.2	352	15.2			
245	34.9	304	13.8	39.0	319	14.3	44.7	336	14.0	50.9	348	15.0			
250	33.0	296	13.5	37.3	312	14.1	43.2	331	13.8	49.6	344	14.8			
255	31.1	288	13.1	35.6	306	14.0	41.7	325	13.7	48.2	339	14.7			
260	29.0	280	12.6	33.8	298	13.7	40.1	319	13.6	46.8	335	14.6			
265	26.8	270	12.2	31.8	290	13.3	38.5	313	13.5	45.4	330	14.4			
270	24.4	259	11.7	29.8	282	13.0	36.8	306	13.3	43.9	324	14.3			
275	21.8	247	11.3	27.7	272	12.6	35.1	300	13.2	42.4	319	14.2			
280	20.1	239	10.9	25.4	262	12.2	33.2	292	13.1	40.9	313	14.0			
285	16.8	224	10.5	22.8	251	11.9	31.3	284	13.0	39.3	307	13.9			
290				20.0	238	11.5	29.3	275	12.8	37.6	301	13.8			
295				18.1	229	11.1	27.1	266	12.7	35.9	294	13.7			
300							24.7	255	12.6	34.1	287	13.6			

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 ]
134 ft Main boom 282 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
305							22.1	243	12.4	32.2	279	13.5			
310							19.2	230	12.3	30.2	271	13.4			
315										28.1	261	13.2			
320										25.8	251	13.1			
325										23.3	240	13.0			
330										21.7	233	12.9			
335										18.7	219	12.8			
336													35.0	262	11.1
340													34.1	259	10.8
345													32.3	251	10.5
350													30.3	243	10.1
355													28.2	234	9.8
360													25.9	224	9.4
365													23.5	213	9.1
370													20.7	200	8.8
375													17.6	186	8.4

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 ]
134 ft Main boom 292 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
76	78.0	429	21.2												
80	77.2	428	21.2												
85	76.2	427	20.8												
90	75.1	426	20.3												
95	74.1	424	20.0												
100	73.1	423	19.4												
105	72.1	421	18.9												
110	71.0	420	18.5												
112				73.0	422	19.0									
115	70.0	418	18.1	72.4	421	19.0									
120	68.9	416	17.8	71.4	419	18.7									
125	67.8	414	17.4	70.4	417	18.2									
130	66.8	412	16.9	69.3	415	17.8									
135	65.7	409	16.6	68.2	413	17.5									
140	64.6	407	16.2	67.2	411	17.1									
145	63.5	405	15.9	66.1	409	16.7									
150	62.4	402	15.7	65.0	407	16.3									
155	61.3	399	15.4	63.9	404	16.0									
160	60.1	396	15.1	62.8	402	15.7									
165	59.0	393	14.8	61.7	399	15.5									
169							65.0	403	15.3						
170	57.8	390	14.5	60.6	396	15.2	64.7	402	15.3						
175	56.6	387	14.2	59.4	393	14.9	63.6	400	15.3						
180	55.5	384	14.0	58.3	390	14.6	62.5	397	15.0						
185	54.2	380	13.8	57.1	387	14.3	61.4	394	14.7						
190	53.0	376	13.6	55.9	384	14.1	60.3	392	14.4						
195	51.8	372	13.4	54.7	380	13.9	59.1	388	14.2						
200	50.5	368	13.2	53.5	376	13.7	58.0	385	14.0						
205	49.2	364	13.0	52.2	373	13.5	56.8	382	13.7						
210	47.9	359	12.8	51.0	369	13.3	55.6	379	13.5						
215	46.5	355	12.6	49.7	364	13.1	54.4	375	13.2						
220	45.1	350	12.5	48.4	360	12.9	53.1	371	13.0						
225	43.7	344	12.3	47.0	355	12.7	51.9	368	12.9						
230	42.3	339	12.1	45.7	350	12.6	50.6	363	12.7						
235										55.0	368	13.0			
235	40.8	333	12.0	44.2	345	12.4	49.3	359	12.6	54.9	368	13.0			
240	39.2	327	11.8	42.8	340	12.2	48.0	355	12.4	53.7	364	13.0			
245	37.6	321	11.7	41.3	334	12.1	46.7	350	12.2	52.5	361	12.9			
250	35.9	314	11.6	39.8	328	11.9	45.3	345	12.1	51.2	357	12.7			
255	34.2	307	11.4	38.2	322	11.8	43.9	340	11.9	49.9	352	12.5			
260	32.4	299	11.1	36.6	315	11.7	42.4	334	11.8	48.6	348	12.4			
265	30.5	291	10.8	34.9	308	11.5	40.9	329	11.7	47.3	343	12.3			
270	28.5	282	10.5	33.1	301	11.3	39.4	323	11.6	45.9	339	12.1			
275	26.3	272	10.2	31.2	293	11.1	37.8	316	11.5	44.5	334	12.0			
280	23.9	261	9.9	29.2	284	10.8	36.1	310	11.4	43.1	328	11.9			
285	22.4	254	9.6	27.1	274	10.6	34.4	302	11.2	41.6	323	11.8			
290	19.6	240	9.3	24.8	264	10.4	32.6	295	11.1	40.1	317	11.6			
295	16.4	225	9.1	22.4	252	10.1	30.7	286	11.0	38.5	311	11.5			
300				19.5	239	9.9	28.7	277	10.9	36.9	304	11.4			
305				16.3	223	9.6	26.5	268	10.7	35.2	297	11.3			
310							24.2	257	10.6	33.4	290	11.3			

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 ]
134 ft Main boom 292 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
315							21.6	245	10.5	31.6	282	11.2			
320							18.7	231	10.3	29.6	273	11.1			
325										27.5	264	11.0			
330										25.3	253	10.9			
335										22.8	242	10.8			
340										20.1	229	10.7			
344													35.0	268	9.9
345										18.3	220	10.4	34.6	266	9.8
350													33.5	262	9.6
355													31.6	254	9.2
360													29.7	245	8.9
365													27.6	236	8.5
370													25.4	226	8.2
375													23.0	214	7.9
380													20.3	202	7.6
385													17.2	187	7.3

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 ]
134 ft Main boom 302 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
78	78.0	439	19.2												
80	77.6	438	19.2												
85	76.6	437	18.9												
90	75.6	436	18.4												
95	74.7	435	18.0												
100	73.7	433	17.6												
105	72.7	432	17.0												
110	71.7	430	16.6												
115	70.7	428	16.2												
115				73.0	431	16.9									
120	69.6	426	15.9	72.0	429	16.8									
125	68.6	424	15.5	71.0	428	16.4									
130	67.6	422	15.1	70.0	426	15.9									
135	66.5	420	14.7	69.0	424	15.5									
140	65.5	418	14.4	68.0	422	15.2									
145	64.4	416	14.1	66.9	420	14.8									
150	63.4	413	13.8	65.9	418	14.5									
155	62.3	410	13.6	64.8	415	14.1									
160	61.2	408	13.3	63.8	413	13.8									
165	60.1	405	13.0	62.7	410	13.6									
170	59.0	402	12.7	61.6	408	13.4									
173							65.0	412	13.9						
175	57.9	399	12.5	60.5	405	13.1	64.6	411	13.8						
180	56.7	396	12.2	59.4	402	12.8	63.5	408	13.7						
185	55.6	392	12.0	58.3	399	12.5	62.4	406	13.4						
190	54.4	388	11.8	57.2	396	12.3	61.3	403	13.1						
195	53.2	385	11.6	56.0	392	12.1	60.2	400	12.8						
200	52.0	381	11.4	54.9	389	11.8	59.1	397	12.6						
205	50.8	377	11.2	53.7	385	11.7	58.0	394	12.4						
210	49.6	373	11.0	52.5	381	11.5	56.9	391	12.1						
215	48.3	368	10.9	51.3	377	11.3	55.7	387	11.9						
220	47.0	364	10.7	50.0	373	11.1	54.5	384	11.7						
225	45.7	359	10.6	48.8	369	11.0	53.4	380	11.5						
230	44.3	354	10.4	47.5	364	10.8	52.2	376	11.3						
235	42.9	348	10.3	46.2	359	10.6	50.9	372	11.2						
240	41.5	343	10.1	44.8	354	10.5	49.7	368	11.0						
240										55.0	376	11.1			
245	40.0	337	10.0	43.4	349	10.3	48.4	363	10.9	53.9	373	11.1			
250	38.5	330	9.9	42.0	344	10.2	47.1	359	10.7	52.7	369	11.0			
255	36.9	324	9.8	40.6	338	10.1	45.8	354	10.6	51.5	365	10.8			
260	35.3	317	9.7	39.1	332	9.9	44.4	349	10.4	50.2	361	10.7			
265	33.6	310	9.5	37.5	325	9.8	43.1	344	10.3	49.0	357	10.5			
270	31.8	302	9.3	35.9	318	9.7	41.6	338	10.2	47.7	352	10.4			
275	29.9	293	9.1	34.2	311	9.6	40.2	332	10.0	46.4	348	10.3			
280	27.9	284	8.9	32.5	303	9.4	38.6	326	9.9	45.1	342	10.2			
285	25.8	274	8.7	30.6	295	9.3	37.1	319	9.8	43.7	337	10.0			
290	23.5	263	8.6	28.7	286	9.1	35.5	312	9.7	42.3	332	9.9			
295	20.9	250	8.4	26.6	276	9.0	33.8	305	9.6	40.8	326	9.8			
300	18.0	236	8.2	24.4	266	8.9	32.0	297	9.5	39.3	320	9.7			
305	16.0	226	8.0	21.9	254	8.7	30.1	289	9.4	37.8	314	9.6			
310				19.1	240	8.6	28.1	280	9.3	36.2	307	9.5			
315				17.3	231	8.1	26.0	270	9.2	34.5	300	9.4			
320							23.7	259	9.0	32.8	292	9.3			

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 ]
134 ft Main boom 302 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
325							21.2	246	8.9	31.0	284	9.3			
330							18.3	232	8.8	29.0	275	9.2			
335										27.0	266	9.1			
340										24.8	255	9.0			
345										22.3	243	8.9			
350										19.6	230	8.9			
352													35.0	274	8.5
355										17.9	221	8.4	34.0	269	8.5
360													32.2	261	8.4
365													31.1	256	8.2
370													29.1	248	7.9
375													27.1	238	7.6
380													24.9	228	7.3
385													22.5	216	7.0
390													19.9	203	6.7
395													16.8	188	6.4

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 ]
134 ft Main boom 312 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)															
80	78.0	449	17.0												
85	77.1	447	16.9												
90	76.1	446	16.5												
95	75.2	445	16.2												
100	74.2	444	15.9												
105	73.2	442	15.6												
110	72.3	440	15.2												
115	71.3	439	14.9												
118				73.0	440	15.2									
120	70.3	437	14.6	72.6	440	15.2									
125	69.3	435	14.4	71.7	438	15.0									
130	68.3	433	14.0	70.7	436	14.7									
135	67.3	431	13.7	69.7	435	14.3									
140	66.3	429	13.3	68.7	433	14.0									
145	65.3	426	13.1	67.7	431	13.7									
150	64.3	424	12.8	66.7	428	13.4									
155	63.3	422	12.6	65.7	426	13.1									
160	62.2	419	12.4	64.7	424	12.8									
165	61.2	416	12.1	63.6	421	12.6									
170	60.1	413	11.9	62.6	419	12.4									
175	59.0	410	11.6	61.6	416	12.2									
177							65.0	420	12.6						
180	57.9	407	11.3	60.5	413	11.9	64.4	419	12.5						
185	56.8	404	11.1	59.4	410	11.7	63.4	417	12.4						
190	55.7	401	10.9	58.3	407	11.4	62.3	414	12.2						
195	54.6	397	10.7	57.2	404	11.2	61.3	411	11.9						
200	53.4	393	10.5	56.1	401	11.0	60.2	408	11.7						
205	52.3	390	10.3	55.0	397	10.8	59.1	405	11.5						
210	51.1	386	10.2	53.9	394	10.6	58.0	402	11.3						
215	49.9	381	10.0	52.7	390	10.4	56.9	399	11.1						
220	48.7	377	9.8	51.5	386	10.3	55.8	396	10.9						
225	47.4	372	9.5	50.3	382	10.1	54.7	392	10.7						
230	46.1	368	9.3	49.1	377	9.9	53.6	388	10.5						
235	44.8	362	9.1	47.9	373	9.7	52.4	385	10.3						
240	43.5	357	8.9	46.6	368	9.4	51.2	381	10.2						
245	42.1	352	8.7	45.3	363	9.2	50.0	376	10.0						
246										55.0	384	10.1			
250	40.7	346	8.5	44.0	358	9.0	48.8	372	9.8	54.1	382	10.1			
255	39.3	340	8.4	42.7	353	8.9	47.5	368	9.6	52.9	378	10.0			
260	37.8	334	8.2	41.3	347	8.7	46.3	363	9.4	51.7	374	9.8			
265	36.2	327	8.0	39.8	341	8.5	45.0	358	9.2	50.6	370	9.6			
270	34.6	320	7.9	38.4	335	8.3	43.6	353	9.1	49.3	366	9.5			
275	33.0	312	7.7	36.8	328	8.2	42.3	347	8.9	48.1	361	9.3			
280	31.2	304	7.5	35.2	321	8.1	40.9	342	8.7	46.8	356	9.2			
285	29.4	295	7.3	33.6	314	7.9	39.4	335	8.6	45.6	352	9.0			
290	27.4	286	7.1	31.9	306	7.7	38.0	329	8.4	44.2	346	8.9			
295	25.3	276	6.9	30.1	297	7.5	36.4	322	8.3	42.9	341	8.7			
300	23.0	264	6.7	28.1	288	7.3	34.8	315	8.1	41.5	335	8.5			
305	20.5	251	6.5	26.1	278	7.1	33.1	308	7.9	40.1	330	8.4			
310	17.6	236	6.3	23.9	267	6.9	31.4	300	7.8	38.6	323	8.3			
315				21.4	255	6.7	29.6	291	7.6	37.1	317	8.1			
320				18.7	241	6.5	27.6	282	7.4	35.5	310	8.0			
325							25.5	272	7.2	33.9	302	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 ]
<b>134 ft Main boom</b> <b>312 ft luffing jib, Load fall point 1-Jib head, NDL head (1916-1)</b>															
330							23.3	260	7.0	32.2	295	7.8			
335							20.7	248	6.8	30.4	286	7.7			
340							17.9	233	6.6	28.5	277	7.5			
345										26.5	268	7.4			
350										24.3	257	7.3			
355										21.9	245	7.1			
360										19.2	231	7.0	35.0	279	7.1
365										17.5	222	5.9	33.3	272	7.1
370													31.6	264	7.0
375													29.8	255	6.9
380													28.6	250	6.6
385													26.6	240	6.4
390													24.4	229	6.1
395													22.1	218	5.8
400													19.4	204	5.6
405													16.4	188	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 ]
144 ft Main boom 66 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
29	78.0	218	258.0												
30	77.1	218	258.0												
35	72.6	216	251.3												
40	67.9	214	229.2												
45	63.0	212	208.4												
47				73.0	215	215.1									
50	57.9	209	191.3	70.5	214	211.8									
55	52.5	205	176.6	65.7	212	198.9									
60	46.7	200	164.6	60.8	209	182.8									
65	40.1	195	153.2	55.5	206	167.8									
70	32.4	188	141.6	49.9	202	157.1									
75	22.4	177	121.5	43.8	197	146.0									
76							65.0	207	66.4						
80				36.8	190	137.0	60.8	205	130.5						
85				28.3	182	127.4	55.5	201	122.6						
90							49.9	197	116.2						
95							43.8	192	109.1						
100							36.8	186	103.7						
105							28.3	178	97.6						
109										55.0	192	66.4			
110										54.3	191	85.1			
115										48.6	187	80.6			
120										42.3	182	76.5			
125										35.0	175	72.7			
130										26.0	166	69.3			
165													35.0	145	43.4
170													28.3	139	42.0

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 ]
<b>144 ft Main boom</b> <b>76 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)</b>															
31	78.0	227	258.0												
35	74.9	226	248.8												
40	70.9	225	227.5												
45	66.8	223	209.0												
50	62.6	220	192.9												
50				73.0	224	205.9									
55	58.1	217	178.9	69.1	222	196.4									
60	53.5	214	166.5	64.9	220	181.1									
65	48.5	209	156.2	60.6	218	168.4									
70	43.1	204	144.4	56.1	214	155.3									
75	37.0	198	134.5	51.3	210	145.9									
80							65.0	216	66.4						
80	29.8	190	121.3	46.1	206	136.4	64.9	216	127.6						
85	20.4	178	104.4	40.4	200	128.0	60.6	213	121.5						
90				33.9	193	121.0	56.1	210	114.5						
95				26.0	184	111.2	51.3	206	108.5						
100							46.1	202	102.7						
105							40.4	196	97.3						
110							33.9	189	91.8						
115										55.0	200	66.4			
115							26.0	180	86.9	55.0	200	80.0			
120										50.1	196	75.9			
125										44.9	191	72.2			
130										39.0	185	68.8			
135										32.3	178	65.7			
140										23.8	168	62.7			
173													35.0	151	40.0
175													33.9	150	39.6
180													24.3	138	38.1

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 ]
144 ft Main boom 85 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
33	78.0	237	246.7												
35	76.7	236	244.5												
40	73.2	235	226.0												
45	69.7	233	207.4												
50	66.0	231	191.7												
53				73.0	234	196.3									
55	62.2	228	179.0	71.6	233	195.9									
60	58.3	226	167.4	68.0	231	180.5									
65	54.2	222	156.9	64.3	229	166.3									
70	49.9	218	148.9	60.5	226	155.5									
75	45.2	213	137.4	56.5	223	144.0									
80	40.2	208	127.3	52.3	219	135.2									
84							65.0	225	66.4						
85	34.5	201	118.9	47.8	215	127.4	64.3	224	120.0						
90	27.7	192	105.1	43.0	210	119.9	60.5	222	113.3						
95	18.8	180	90.8	37.7	203	113.5	56.5	218	106.8						
100				31.6	196	106.6	52.3	215	101.3						
105				24.1	186	98.1	47.8	210	96.6						
110							43.0	205	91.6						
115							37.7	199	86.8						
120							31.6	192	82.3						
120										55.0	208	66.4			
125							24.1	182	78.2	51.3	204	71.9			
130										46.7	200	68.5			
135										41.8	195	65.4			
140										35.5	187	62.5			
145										28.8	179	59.8			
150										22.0	169	57.3			
182													35.0	156	37.2
185													30.4	151	36.3
190													24.0	142	35.1

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 ]
<b>144 ft Main boom</b> <b>95 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)</b>															
35	78.0	247	227.8												
40	75.0	245	219.6												
45	71.8	244	202.5												
50	68.6	242	189.2												
55	65.3	240	175.2												
56				73.0	243	184.9									
60	61.9	237	164.9	70.4	242	179.7									
65	58.4	234	154.8	67.1	240	166.3									
70	54.8	231	145.4	63.8	237	153.3									
75	50.9	227	138.0	60.4	234	143.9									
80	46.9	222	128.7	56.8	231	134.0									
85	42.5	217	119.0	53.1	228	126.1									
88							65.0	234	66.4						
90	37.7	211	110.6	49.1	223	119.5	63.8	233	113.2						
95	32.3	203	102.2	44.9	219	112.7	60.4	230	106.4						
100	25.9	194	91.0	40.4	213	106.6	56.8	227	100.8						
105				35.4	206	101.6	53.1	223	95.5						
110				29.6	198	94.3	49.1	219	91.1						
115				22.5	187	86.8	44.9	214	86.3						
120							40.4	209	81.9						
125							35.4	202	77.9						
126										55.0	216	66.4			
130							29.6	194	74.2	52.2	213	67.9			
135							22.5	183	70.8	48.2	209	64.8			
140										43.4	203	61.9			
145										39.3	198	59.3			
150										33.2	190	56.8			
155										26.9	181	54.5			
160										18.6	168	52.3			
190													35.0	162	34.2
190													34.5	162	34.1
195													30.9	156	33.1
200													24.1	146	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 ]
144 ft Main boom 105 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
37	78.0	256	210.4												
40	76.4	256	210.3												
45	73.6	254	198.0												
50	70.7	252	183.1												
55	67.8	250	172.0												
59				73.0	252	174.3									
60	64.8	248	160.7	72.3	252	174.2									
65	61.7	246	152.3	69.4	250	164.0									
70	58.5	242	143.4	66.4	248	152.6									
75	55.2	239	135.0	63.4	246	141.8									
80	51.8	235	128.2	60.3	243	133.8									
85	48.2	231	121.0	57.0	240	125.0									
90	44.3	226	112.1	53.7	236	117.9									
92							65.0	243	66.4						
95	40.2	220	104.2	50.2	232	112.6	63.4	241	106.2						
100	35.7	214	97.3	46.5	228	106.3	60.3	239	100.0						
105	30.5	206	89.2	42.5	222	100.6	57.1	236	95.2						
110	24.4	196	80.1	38.2	216	95.6	53.7	232	90.1						
115				33.4	209	91.4	50.2	228	86.1						
120				27.9	200	84.8	46.5	223	81.8						
125				21.1	189	77.9	42.5	218	77.8						
130							38.2	212	74.1						
132										55.0	224	66.4			
135										52.6	221	64.6			
140							33.4	205	70.7	49.3	218	61.8			
145							27.9	196	67.6	45.1	212	59.1			
150							21.1	184	64.7	41.0	207	56.7			
155										36.5	200	54.4			
160										31.4	192	52.3			
165										26.5	184	50.3			
170										19.2	172	48.4			
198													35.0	168	32.2
200													34.5	167	31.7
205													29.2	159	30.7
210													22.7	148	29.6

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 ]
144 ft Main boom 115 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
39	78.0	266	194.3												
40	77.6	266	194.3												
45	75.1	264	189.8												
50	72.4	263	178.9												
55	69.8	261	167.5												
60	67.1	259	157.7												
62				73.0	262	164.4									
65	64.3	257	148.2	71.3	261	163.3									
70	61.5	254	141.1	68.6	259	151.2									
75	58.6	251	133.0	65.9	257	141.1									
80	55.6	248	125.4	63.1	254	131.8									
85	52.5	244	119.1	60.2	251	124.7									
90	49.2	240	113.5	57.3	248	117.0									
95	45.8	235	105.5	54.2	245	110.5									
96							65.0	252	66.4						
100	42.1	230	98.2	51.0	241	105.5	63.1	250	99.8						
105	38.2	224	91.7	47.7	236	100.1	60.2	247	94.3						
110	33.9	216	86.0	44.2	231	95.0	57.3	244	89.9						
115	29.0	208	78.5	40.4	226	90.4	54.2	240	85.3						
120	23.1	197	70.8	36.3	219	86.5	51.0	236	81.2						
125				31.7	212	81.7	47.7	232	77.3						
130				26.4	202	75.7	44.2	227	73.6						
135				21.4	193	33.4	40.4	221	70.3						
137										55.0	232	62.7			
140							36.3	215	67.2	53.2	230	61.1			
145							30.9	206	64.3	50.0	226	58.5			
150							25.4	196	61.6	46.5	221	56.1			
155							19.9	186	59.1	43.3	217	53.9			
160										39.5	211	51.8			
165										35.3	204	49.8			
170										29.7	194	47.9			
175										25.1	186	46.2			
180										18.0	173	44.5			
206													35.0	173	29.5
210													32.7	170	28.8
215													27.6	161	27.8
220													21.4	149	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 ]
144 ft Main boom 125 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
41	78.0	276	179.3												
45	76.3	275	179.0												
50	73.9	273	172.3												
55	71.5	272	162.3												
60	69.0	270	154.1												
65				73.0	271	155.2									
65	66.5	268	145.1	72.8	271	155.1									
70	64.0	265	137.1	70.4	269	150.5									
75	61.4	262	131.0	67.9	268	140.1									
80	58.7	260	123.8	65.4	265	130.9									
85	55.9	256	116.9	62.8	263	122.9									
90	53.1	252	111.1	60.1	260	116.8									
95	50.1	248	106.4	57.4	257	109.7									
100	47.0	244	99.7	54.6	253	103.8									
101							65.0	261	66.4						
105	43.7	239	93.0	51.7	249	99.1	62.8	258	93.8						
110	40.2	233	87.0	48.7	245	94.7	60.2	256	88.7						
115	36.5	226	81.7	45.5	240	90.1	57.4	252	84.9						
120	32.3	219	76.4	42.2	235	85.9	54.6	249	80.9						
125	27.6	210	70.0	38.6	229	82.1	51.7	245	76.9						
130	21.9	199	63.5	34.6	222	78.7	48.7	241	73.3						
135				30.2	214	73.5	45.5	236	69.9						
140				25.2	204	68.2	42.2	231	66.9						
143										55.0	240	59.2			
145				20.3	194	33.4	38.0	224	64.0	53.7	239	58.1			
150							34.6	218	61.4	50.8	234	55.7			
155							30.2	210	58.9	48.0	230	53.5			
160							25.2	200	56.6	44.8	226	51.4			
165							20.3	190	33.4	40.9	219	49.4			
170										37.7	214	47.6			
175										33.0	206	45.8			
180										28.3	197	44.2			
185										22.7	186	42.6			
190										17.0	174	41.1			
214													35.0	179	27.4
215													34.6	178	27.2
220													31.2	172	26.4
225													26.3	163	25.5
230													20.3	151	24.6

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 ]
144 ft Main boom 134 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
43	78.0	285	165.2												
45	77.3	285	165.2												
50	75.1	283	161.7												
55	72.9	282	155.9												
60	70.6	280	148.0												
65	68.3	278	142.2												
67				73.0	281	147.0									
70	66.0	276	134.0	71.8	280	146.8									
75	63.6	274	127.3	69.6	278	138.9									
80	61.2	271	122.2	67.3	276	130.7									
85	58.7	268	115.6	64.9	274	121.9									
90	56.2	265	109.3	62.5	271	115.0									
95	53.6	261	103.9	60.1	268	109.3									
100	50.8	257	99.3	57.6	265	103.1									
105							65.0	270	66.4						
105	48.0	253	94.0	55.0	262	97.8	64.9	269	90.4						
110	45.0	248	88.0	52.3	258	93.3	62.5	267	88.6						
115	41.9	242	82.5	49.6	254	89.8	60.1	264	84.0						
120	38.5	236	77.4	46.7	249	85.5	57.6	261	80.3						
125	34.9	229	73.1	43.6	244	81.6	55.0	258	76.4						
130	30.9	221	68.0	40.4	238	78.0	52.3	254	72.7						
135	26.3	212	62.5	36.9	232	74.8	49.6	250	69.4						
140	20.8	200	56.9	33.1	225	71.1	46.7	245	66.3						
145				28.9	216	66.4	43.6	240	63.5						
148										55.0	248	55.8			
150				24.0	206	61.6	40.4	234	60.9	54.2	247	55.1			
155				19.3	195	33.4	36.4	227	58.4	51.5	243	52.8			
160							32.5	219	56.1	48.9	239	50.8			
165							28.9	212	54.0	45.6	234	48.8			
170							24.0	201	52.0	42.5	229	47.0			
175							19.3	191	33.4	39.6	224	45.3			
180										36.1	217	43.7			
185										31.5	208	42.1			
190										27.9	200	40.7			
195										22.7	189	39.3			
200										16.1	175	38.0			
222													35.0	185	25.0
225													34.0	183	24.6
230													29.9	174	23.8
235													25.1	164	23.0
240													19.3	152	22.2

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 ]
144 ft Main boom 144 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
45	78.0	295	151.9												
50	76.1	294	150.9												
55	74.1	292	146.4												
60	72.0	291	141.2												
65	69.9	289	136.0												
70	67.7	287	130.9												
70				73.0	290	139.5									
75	65.6	285	124.1	71.0	289	138.0									
80	63.4	282	118.5	68.9	287	128.9									
85	61.1	279	114.1	66.8	285	121.7									
90	58.8	276	108.2	64.6	282	114.0									
95	56.4	273	102.6	62.3	280	107.9									
100	54.0	270	97.6	60.1	277	102.8									
105	51.5	266	93.4	57.7	274	97.2									
109							65.0	278	66.4						
110	48.8	261	89.3	55.3	270	92.3	64.6	278	86.0						
115	46.1	257	83.8	52.8	267	88.1	62.3	275	83.6						
120	43.3	252	78.7	50.3	262	85.1	60.1	272	79.5						
125	40.2	246	74.0	47.6	258	81.2	57.7	269	76.1						
130	37.0	239	69.8	44.8	253	77.6	55.3	266	72.5						
135	33.5	232	66.0	41.9	248	74.3	52.9	262	69.2						
140	29.6	224	61.3	38.8	242	71.2	50.0	258	66.1						
145	25.2	214	56.5	35.5	235	68.3	47.3	253	63.3						
150	19.9	201	51.7	31.8	227	64.7	44.5	248	60.7						
154										55.0	256	53.0			
155				27.7	218	60.4	41.5	243	58.2	54.6	256	52.6			
160				23.0	207	56.1	38.8	237	56.0	52.0	252	50.5			
165				18.4	196	33.4	34.9	230	53.8	49.4	248	48.6			
170							31.2	222	51.8	47.0	244	46.8			
175							27.0	212	49.9	44.2	238	45.1			
180							22.0	201	48.1	41.2	233	43.5			
185							18.4	192	33.4	37.6	226	41.9			
190										34.1	218	40.5			
195										30.3	210	39.1			
200										25.9	200	37.8			
205										21.7	191	36.6			
230													35.0	190	23.4
230													34.9	190	23.4
235													32.6	185	22.7
240													28.6	177	21.9
245													24.1	166	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 ]
144 ft Main boom 154 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
48	78.0	304	139.8												
50	77.0	304	139.8												
55	75.1	302	136.8												
60	73.2	301	133.5												
65	71.2	299	128.5												
70	69.2	297	124.8												
73				73.0	300	132.0									
75	67.2	295	119.9	72.3	299	131.8									
80	65.2	293	114.6	70.3	297	128.2									
85	63.1	291	110.1	68.3	295	120.0									
90	61.0	288	106.6	66.3	293	113.5									
95	58.8	285	101.2	64.2	291	106.6									
100	56.6	282	95.9	62.2	288	101.3									
105	54.3	278	91.3	60.0	285	97.1									
110	52.0	274	87.2	57.8	282	92.0									
113							65.0	287	66.4						
115	49.6	270	83.9	55.6	279	87.5	64.3	286	81.6						
120	47.1	266	79.0	53.3	275	83.6	62.2	284	79.3						
125	44.4	261	74.5	50.9	271	80.4	60.0	281	75.3						
130	41.7	255	70.2	48.5	267	77.0	57.8	278	72.0						
135	38.8	249	66.4	45.9	262	73.7	55.6	274	68.7						
140	35.6	242	62.9	43.2	257	70.5	53.3	271	65.6						
145	32.3	235	59.3	40.4	251	67.7	50.7	266	62.8						
150	28.5	226	55.1	37.4	245	65.1	48.5	262	60.2						
155	24.2	216	51.0	34.2	238	62.5	45.6	257	57.7						
160										55.0	264	50.0			
160	19.0	202	46.7	30.6	230	58.7	43.2	253	55.5	54.9	264	49.9			
165				26.7	220	54.8	40.0	246	53.3	52.5	260	48.0			
170				22.0	209	51.0	37.4	240	51.4	50.1	256	46.2			
175							34.2	233	49.5	47.6	252	44.5			
180							30.0	224	47.7	45.0	247	42.9			
185							25.9	214	46.0	42.6	242	41.4			
190							21.1	202	44.4	39.3	235	39.9			
195							17.6	193	33.4	36.2	229	38.6			
200										32.8	221	37.3			
205										29.8	214	36.1			
210										24.9	202	34.9			
215										20.8	192	33.8			
238													35.0	196	21.3
240													34.9	196	21.1
245													31.4	188	20.4
250													27.5	179	19.7
255													23.1	168	19.0

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  
 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 ]
144 ft Main boom 164 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
50	78.0	314	128.6												
50	77.8	314	128.6												
55	76.0	313	127.6												
60	74.2	311	124.3												
65	72.4	310	120.9												
70	70.5	308	117.3												
75	68.7	306	114.7												
76				73.0	309	125.3									
80	66.8	304	110.1	71.6	308	125.0									
85	64.8	302	105.9	69.7	306	118.9									
90	62.9	299	102.4	67.8	304	112.4									
95	60.9	296	99.6	65.9	302	106.3									
100	58.9	293	94.7	64.0	299	100.2									
105	56.8	290	90.0	62.0	297	95.4									
110	54.7	287	85.7	60.0	294	91.6									
115	52.5	283	82.0	57.9	291	87.0									
117							65.0	296	66.4						
120	50.2	279	78.9	55.8	287	82.8	64.0	295	77.2						
125	47.9	274	75.1	53.7	284	79.2	62.0	292	75.0						
130	45.5	270	71.0	51.5	280	76.1	60.0	290	71.2						
135	42.9	264	67.1	49.2	276	73.2	57.9	286	68.3						
140	40.3	258	63.5	46.8	271	70.1	55.8	283	65.2						
145	37.4	252	60.3	44.3	266	67.2	53.7	279	62.4						
150	34.4	245	57.4	41.7	260	64.6	51.3	275	59.8						
155	31.1	237	53.9	39.0	254	62.1	49.2	271	57.4						
160	27.5	228	50.2	36.1	248	59.8	46.5	266	55.1						
165	23.3	217	46.5	33.0	240	57.1	44.0	261	53.0						
165										55.0	272	47.4			
170	18.3	204	42.7	29.5	232	53.6	41.4	255	51.0	53.2	269	45.8			
175				25.7	222	50.2	38.6	249	49.1	50.9	265	44.1			
180				21.2	210	46.6	36.1	244	47.4	48.6	261	42.5			
185							32.4	235	45.7	46.2	256	41.0			
190							28.9	226	44.1	43.7	251	39.6			
195							25.7	218	42.7	40.8	245	38.2			
200							20.2	203	41.2	37.9	238	36.9			
205										34.9	232	35.7			
210										32.2	225	34.6			
215										28.7	216	33.5			
220										25.6	208	32.5			
225										21.1	196	31.4			
246													35.0	202	19.5
250													33.6	198	19.1
255													30.3	190	18.4
260													26.5	181	17.8
265													22.2	169	17.2

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 ]
144 ft Main boom 174 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
52	78.0	324	118.5												
55	76.8	323	118.5												
60	75.1	322	116.1												
65	73.4	320	113.7												
70	71.7	318	110.3												
75	69.9	317	107.4												
79				73.0	318	117.6									
80	68.2	315	105.0	72.6	318	117.5									
85	66.4	312	101.0	70.9	316	116.4									
90	64.5	310	97.6	69.1	314	110.3									
95	62.7	308	94.8	67.4	312	105.1									
100	60.8	305	92.5	65.5	310	99.5									
105	58.9	302	88.1	63.7	308	94.2									
110	56.9	299	83.9	61.9	305	89.9									
115	54.9	295	80.1	60.0	302	86.3									
120	52.9	292	76.7	58.0	299	82.1									
121							65.0	305	66.4						
125	50.8	288	73.8	56.0	296	78.2	63.7	303	73.4						
130	48.6	283	70.7	54.0	292	74.9	61.9	301	71.0						
135	46.3	278	67.1	51.9	288	72.0	60.0	298	67.7						
140	44.0	273	63.6	49.8	284	69.4	57.9	295	64.7						
145	41.5	268	60.4	47.6	280	66.5	56.0	292	61.9						
150	39.0	262	57.4	45.3	275	63.8	54.0	288	59.3						
155	36.2	255	54.6	42.9	270	61.2	51.7	284	56.8						
160	33.3	248	52.1	40.4	264	58.9	49.6	280	54.6						
165	30.1	240	48.8	37.7	258	56.6	47.6	276	52.5						
170	26.6	230	45.5	34.9	251	54.7	45.0	270	50.5						
171										55.0	280	44.5			
175	22.5	219	42.2	31.9	243	51.7	42.6	265	48.6	53.5	278	43.3			
180	17.5	205	38.8	28.5	234	48.6	40.0	259	46.9	51.3	274	41.7			
185				24.8	224	45.4	37.3	252	45.2	49.1	269	40.2			
190				20.4	212	42.3	34.9	246	43.7	46.8	265	38.8			
195							31.4	237	42.2	44.7	260	37.5			
200							28.5	230	40.8	42.0	254	36.2			
205							24.8	220	39.5	39.8	249	35.0			
210							20.4	207	38.2	36.7	242	33.8			
215										34.9	237	32.8			
220										31.8	229	31.7			
225										28.5	220	30.7			
230										24.7	210	29.7			
235										20.3	198	28.8			
254													35.0	207	17.6
255													34.5	206	17.5
260													32.5	201	16.9
265													29.3	192	16.3
270													25.6	183	15.8
275													21.4	171	15.2

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 ]
144 ft Main boom 184 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
54	78.0	333	109.3												
55	77.6	333	109.3												
60	76.0	332	108.3												
65	74.3	330	105.9												
70	72.7	329	103.6												
75	71.1	327	100.7												
80	69.4	325	98.5												
82				73.0	328	110.3									
85	67.7	323	96.0	72.0	327	109.9									
90	66.0	321	92.8	70.3	325	108.0									
95	64.3	319	90.0	68.6	323	102.6									
100	62.5	316	87.7	66.9	321	98.3									
105	60.7	313	85.8	65.2	319	93.0									
110	58.9	310	82.0	63.5	316	88.6									
115	57.1	307	78.3	61.7	314	84.9									
120	55.2	304	75.0	59.9	311	81.4									
125	53.3	300	72.0	58.1	308	77.6									
126							65.0	314	66.4						
130	51.3	296	69.5	56.2	304	74.1	63.5	312	69.8						
135	49.2	292	67.1	54.3	301	71.0	61.7	309	67.4						
140	47.1	287	63.8	52.4	297	68.3	59.9	306	64.4						
145	44.9	282	60.7	50.4	293	66.0	58.0	303	61.6						
150	42.7	277	57.7	48.3	289	63.3	56.1	300	59.0						
155	40.3	271	55.0	46.1	284	60.8	54.2	296	56.6						
160	37.8	265	52.4	43.9	279	58.4	52.2	292	54.3						
165	35.1	258	50.1	41.6	273	56.1	50.2	288	52.2						
170	32.2	250	47.6	39.1	267	54.0	48.3	284	50.3						
175	29.1	242	44.7	36.6	261	52.0	45.9	279	48.4						
177										55.0	289	42.3			
180	25.7	232	41.7	33.8	253	50.0	43.9	274	46.7	53.7	286	41.3			
185	21.7	220	38.7	30.9	245	47.2	41.3	268	45.0	51.7	282	39.8			
190	16.9	206	35.7	27.6	236	44.4	39.2	263	43.5	49.7	278	38.4			
195				24.0	226	41.6	36.6	256	42.0	47.6	274	37.1			
200				19.7	213	38.7	33.8	249	40.6	45.4	269	35.8			
205							30.9	241	39.3	43.1	263	34.6			
210							27.6	232	38.0	41.0	258	33.5			
215							24.0	221	36.8	39.1	254	32.4			
220							18.7	206	35.6	36.5	247	31.4			
225										33.8	240	30.4			
230										30.8	232	29.4			
235										27.6	223	28.5			
240										23.9	212	27.6			
245										19.6	199	26.7			
262													35.0	213	16.2
265													34.4	212	16.0
270													31.5	204	15.4
275													28.3	195	14.9
280													24.8	184	14.3
285													20.7	172	13.8

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 ]
144 ft Main boom 194 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
56	78.0	343	101.0												
60	76.7	342	101.0												
65	75.2	340	98.9												
70	73.6	339	97.1												
75	72.1	338	94.7												
80	70.5	336	92.4												
85				73.0	337	101.8									
85	68.9	334	90.6	72.9	337	101.7									
90	67.3	332	88.0	71.3	336	101.2									
95	65.7	330	85.3	69.8	334	98.8									
100	64.0	327	83.0	68.2	332	95.2									
105	62.4	325	81.0	66.6	330	92.0									
110	60.7	322	79.3	64.9	327	87.3									
115	59.0	319	76.0	63.3	325	83.3									
120	57.2	316	72.8	61.6	322	80.1									
125	55.4	312	69.9	59.9	319	77.0									
130							65.0	323	66.3						
130	53.6	309	67.3	58.2	316	73.4	64.9	323	66.5						
135	51.7	305	65.0	56.4	313	70.2	63.3	320	66.4						
140	49.8	301	63.0	54.6	309	67.3	61.6	318	63.9						
145	47.8	296	60.3	52.7	306	64.7	59.9	315	61.1						
150	45.8	291	57.4	50.8	302	62.5	58.2	312	58.5						
155	43.6	286	54.7	48.7	297	60.2	56.4	309	56.1						
160	41.4	281	52.2	46.7	292	57.8	54.5	305	53.8						
165	39.1	275	49.9	44.8	288	55.6	52.6	301	51.7						
170	36.7	268	47.7	42.6	282	53.4	50.7	297	49.7						
175	34.1	261	45.8	40.4	277	51.4	48.7	292	47.9						
180	31.3	253	43.2	38.0	270	49.5	46.7	288	46.1						
182										55.0	297	39.7			
185	28.3	244	40.6	35.5	264	47.8	44.5	283	44.5	54.2	295	39.0			
190	24.9	234	37.9	32.8	256	45.6	42.6	278	43.0	52.3	291	37.6			
195	21.0	222	35.2	30.0	248	43.1	40.1	272	41.5	50.4	287	36.3			
200	16.2	206	32.4	26.8	238	40.5	37.7	265	40.1	48.2	282	35.0			
205				23.2	227	37.9	35.5	259	38.8	46.2	278	33.8			
210				19.0	214	35.3	32.4	250	37.5	44.8	274	32.7			
215							29.4	242	36.3	42.6	269	31.6			
220							26.8	234	35.2	40.3	263	30.6			
225							23.2	223	34.1	38.0	257	29.6			
230							20.0	213	33.1	35.5	250	28.6			
235										32.8	242	27.7			
240										29.9	234	26.8			
245										26.7	225	26.0			
250										23.2	214	25.1			
255										18.9	200	24.3			
270													35.0	219	14.4
275													33.4	214	14.0
280													30.6	206	13.5
285													27.5	197	13.0
290													24.0	186	12.5
295													20.0	173	12.0

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 ]
144 ft Main boom 203 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
58	78.0	352	93.4												
60	77.3	352	93.4												
65	75.9	351	92.4												
70	74.4	349	90.6												
75	73.0	348	89.0												
80	71.5	346	86.7												
85	70.0	344	84.9												
88				73.0	347	94.0									
90	68.5	342	83.5	72.3	346	93.8									
95	66.9	340	80.9	70.8	344	93.2									
100	65.4	338	78.5	69.3	342	91.2									
105	63.8	336	76.5	67.8	340	89.2									
110	62.2	333	74.7	66.2	338	86.4									
115	60.6	330	73.3	64.7	336	82.1									
120	59.0	327	70.4	63.1	333	78.5									
125	57.3	324	67.8	61.5	331	75.6									
130	55.6	321	65.3	59.9	328	72.8									
134							65.0	332	63.0						
135	53.9	317	63.1	58.2	325	69.6	64.7	331	63.2						
140	52.1	313	61.1	56.6	321	66.6	63.1	329	63.1						
145	50.3	309	59.3	54.8	318	63.9	61.4	326	60.6						
150	48.4	305	57.2	53.1	314	61.6	59.8	323	57.9						
155	46.5	300	54.7	51.3	310	59.5	58.2	320	55.7						
160	44.5	295	52.2	49.3	306	57.7	56.4	317	53.4						
165	42.4	290	49.9	47.3	301	55.4	54.7	313	51.3						
170	40.3	284	47.8	45.4	296	53.2	52.9	310	49.3						
175	38.0	278	45.7	43.3	291	51.2	51.1	306	47.5						
180	35.6	271	43.9	41.2	285	49.2	49.4	302	45.8						
185	33.1	264	42.1	39.0	279	47.4	47.3	297	44.1						
188										55.0	305	37.5			
190	30.4	255	39.7	36.6	272	45.8	45.4	292	42.6	54.4	304	37.0			
195	27.4	246	37.2	34.1	265	44.2	43.3	287	41.1	52.5	299	35.6			
200	24.1	236	34.8	31.9	259	42.0	41.2	281	39.7	50.7	295	34.4			
205	20.3	223	32.3	29.1	250	39.6	39.0	275	38.4	49.4	292	33.3			
210				26.0	240	37.3	37.0	269	37.2	47.5	288	32.1			
215				22.5	229	34.9	34.5	262	36.0	45.6	283	31.1			
220				18.4	215	32.5	31.5	253	34.8	43.5	278	30.0			
225							29.1	246	33.8	41.4	272	29.0			
230							25.4	234	32.7	39.2	266	28.1			
235							23.3	227	31.7	36.9	260	27.1			
240							19.3	214	30.8	34.5	253	26.3			
245										31.9	245	25.4			
250										29.1	236	24.6			
255										26.0	226	23.8			
260										22.4	215	23.0			
265										18.3	201	22.3			
278													35.0	224	13.0
280													34.1	222	12.8
285													32.5	217	12.4
290													29.7	208	11.9
295													26.7	199	11.4
300													23.3	188	11.0
305													19.3	175	10.5

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 ]
144 ft Main boom 213 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
60	78.0	362	86.5												
60	77.9	362	86.5												
65	76.6	361	86.4												
70	75.2	360	84.8												
75	73.8	358	83.4												
80	72.4	357	81.6												
85	70.9	355	79.8												
90	69.5	353	78.3												
90				73.0	356	86.2									
95	68.1	351	76.8	71.7	355	85.9									
100	66.6	349	74.6	70.3	353	84.9									
105	65.1	347	72.5	68.9	351	83.1									
110	63.6	344	70.7	67.4	349	81.5									
115	62.1	342	69.2	65.9	347	78.7									
120	60.6	339	67.9	64.4	344	75.4									
125	59.0	336	65.3	62.9	342	72.5									
130	57.4	333	62.9	61.4	339	70.2									
135	55.8	329	60.7	59.9	336	67.8									
138							65.0	341	60.2						
140	54.2	326	58.7	58.3	333	64.9	64.4	340	60.2						
145	52.5	322	56.9	56.7	330	62.3	62.9	337	59.9						
150	50.7	318	55.2	55.1	326	59.9	61.3	335	57.5						
155	49.0	314	53.6	53.4	323	57.7	59.8	332	55.1						
160	47.1	309	51.4	51.7	319	55.8	58.2	329	52.9						
165	45.3	304	49.2	49.8	314	54.1	56.6	325	50.8						
170	43.3	299	47.2	48.0	310	52.1	54.9	322	48.8						
175	41.3	293	45.2	46.1	305	50.2	53.3	318	47.0						
180	39.2	287	43.4	44.2	300	48.4	51.7	315	45.3						
185	37.0	281	41.7	42.2	294	46.7	49.8	310	43.6						
190	34.7	274	40.1	40.1	289	45.1	48.2	306	42.1						
194										55.0	313	35.1			
195	32.2	266	38.3	37.9	282	43.6	46.1	301	40.6	54.7	312	34.8			
200	29.6	258	36.0	35.6	275	42.2	44.2	296	39.2	52.9	308	33.5			
205	26.7	248	33.8	33.2	268	40.5	42.2	290	37.9	51.7	305	32.4			
210	23.5	237	31.6	30.6	260	38.3	40.1	284	36.7	49.9	301	31.3			
215	19.7	224	29.3	27.8	250	36.1	37.9	278	35.5	48.1	297	30.2			
220				25.3	242	34.0	36.0	272	34.4	46.3	292	29.2			
225				21.8	230	31.8	33.2	264	33.3	44.4	287	28.2			
230				18.7	219	27.3	31.6	259	32.3	42.4	282	27.3			
235							28.9	250	31.3	40.4	276	26.4			
240							26.0	240	30.4	38.2	270	25.5			
245							22.6	229	29.5	36.0	263	24.6			
250							18.7	215	28.6	33.6	256	23.8			
255										31.0	248	23.0			
260										28.3	238	22.3			
265										25.2	228	21.6			
270										21.8	217	20.8			
275										17.7	202	20.1			
286													35.0	230	11.3
290													34.1	227	11.1
295													31.6	219	10.6
300													28.9	211	10.1
305													25.9	201	9.7
310													22.6	189	9.3
315													18.7	176	8.8

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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 ]
144 ft Main boom 223 ft luffing jib, Load fall point 1-Jib head, NDL head (2316-1)															
62	78.0	372	80.3												
65	77.2	371	80.3												
70	75.8	370	79.7												
75	74.5	368	78.1												
80	73.2	367	76.9												
85	71.8	365	75.1												
90	70.5	364	73.6												
93				73.0	366	79.3									
95	69.1	362	72.4	72.6	365	79.2									
100	67.7	360	70.8	71.2	363	78.9									
105	66.3	357	68.9	69.8	361	77.6									
110	64.9	355	67.1	68.5	360	76.2									
115	63.4	353	65.5	67.1	357	74.9									
120	62.0	350	64.1	65.7	355	72.2									
125	60.5	347	63.0	64.2	353	69.6									
130	59.0	344	60.7	62.8	350	67.4									
135	57.5	341	58.6	61.3	348	65.5									
140	56.0	338	56.6	59.8	345	63.5									
142							65.0	350	57.4						
145	54.4	334	54.8	58.3	342	60.9	64.2	348	57.4						
150	52.8	330	53.2	56.8	338	58.5	62.7	346	56.9						
155	51.1	326	51.8	55.3	335	56.3	61.3	343	54.6						
160	49.5	322	50.5	53.7	331	54.3	59.8	340	52.4						
165	47.7	318	48.6	52.1	328	52.6	58.3	337	50.5						
170	46.0	313	46.6	50.2	323	51.0	56.7	334	48.5						
175	44.1	308	44.8	48.5	319	49.3	55.1	330	46.7						
180	42.3	303	43.0	46.8	314	47.6	53.7	327	45.0						
185	40.3	297	41.4	44.9	309	46.0	51.9	323	43.3						
190	38.2	291	39.8	43.1	304	44.5	50.2	319	41.8						
195	36.1	284	38.4	41.1	298	43.1	48.7	315	40.4						
199										55.0	321	33.3			
200	33.8	277	37.1	39.1	292	41.7	46.9	310	39.0	54.8	320	33.1			
205	31.4	269	35.1	37.0	285	40.5	45.2	305	37.7	53.6	318	32.0			
210	28.8	260	33.1	34.7	278	39.4	43.1	299	36.4	52.0	314	30.9			
215	26.0	250	31.0	32.4	270	37.4	41.1	294	35.2	50.4	310	29.8			
220	22.8	239	28.9	29.8	262	35.4	39.1	288	34.1	48.7	305	28.8			
225	19.1	225	26.8	27.1	252	33.3	37.7	284	33.1	46.9	301	27.8			
230				24.0	242	31.3	35.6	277	32.1	45.1	296	26.9			
235				20.5	229	29.2	33.3	269	31.1	43.3	291	26.0			
240				18.2	220	26.3	30.8	261	30.1	41.3	285	25.1			
245							28.2	252	29.2	39.3	279	24.3			
250							25.3	242	28.3	37.2	273	23.5			
255							22.0	230	27.4	35.0	266	22.7			
260							18.2	216	26.5	32.7	258	21.9			
265										30.2	250	21.2			
270										27.5	241	20.5			
275										24.5	230	19.8			
280										21.2	218	19.2			
285										17.2	203	18.5			
294													35.0	236	10.2
295													34.7	235	10.1
300													33.3	230	9.8
305													30.8	222	9.3
310													28.2	213	8.9
315													25.2	203	8.5
320													22.0	191	8.1
325													18.2	177	7.7

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