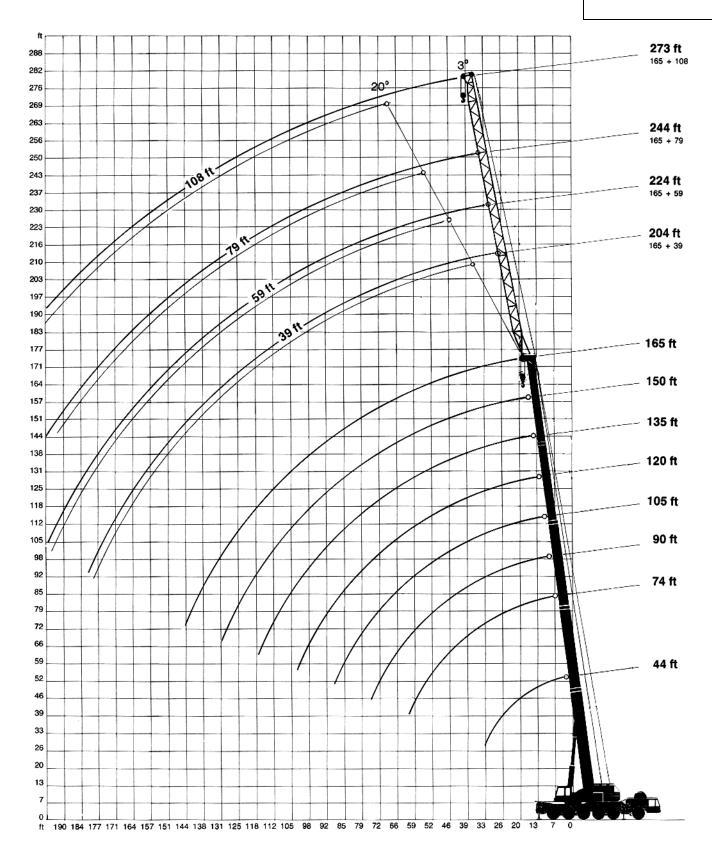
DEMAG MODEL AC 615 - 250 TON CAPACITY

Main-Boom and Fixed Fly-Jib Working Ranges



2,000 lb	360° Main Boom									
Radius				Main	Boom					
Nauius	44 ft	74 ft	90 ft	105 ft	120 ft	135 ft	150 ft	165 ft		
ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lk		
9	500.0* **	-	-	-	-	-	-	-		
10	423.2*	-	-	-	-	-	_	_		
11	377.0*	-	-	-	-	-	_	_		
13	344.0*	300.0*	-	-	-	-	_	_		
15	313.0*	299.8*	_	_	_	_	_	_		
16	288.8*	277.7*	263.0	-	-	-	-	-		
19	253.5	249.1	249.1	200.0	_	_	_	=		
23	224.8	219.8	217.3	187.3	150.0	_	_	_		
26	194.8	194.8	194.8	176.1	142.4	120.0	_	_		
29	174.8	174.8	174.8	164.9	132.2	114.8	95.0			
33	152.3	154.7	154.8	154.7	122.3	109.7	89.9	71.0		
33	132.3	154.7	134.0	134.7	122.3	107.7	07.7	71.0		
39	-	128.7	128.3	131.4	102.3	96.1	83.5	69.0		
46	-	106.2	105.8	108.9	88.6	83.5	76.0	67.4		
52	-	89.9	89.2	92.1	77.3	75.0	68.5	61.0		
59	-	<u>77.1</u>	76.2	79.1	68.5	66.1	62.4	54.9		
65	-	-	<u>66.3</u>	<u>68.7</u>	62.4	58.6	56.2	48.7		
72	-	-	57.1	60.0	<u>56.2</u>	53.5	51.1	45.0		
78	-	-	-	52.0	49.3	48.7	47.4	41.2		
85	_	-	-	45.8	42.7	<u>45.0</u>	43.6	37.4		
92	_	-	-	39.9	37.7	39.9	39.9	33.7		
98	-	-	-	-	32.8	35.2	<u>36.1</u>	31.0		
105	_	_	_	_	28.8	31.0	33.0	28.6		
111	_	-	_	_	-	27.5	29.5	26.2		
118	_	_	_	_	_	24.7	26.4	<u>24.9</u>		
124	_	_	_	_	_	-	23.6	22.9		
131	-	-	-	-	-	-	21.1	20.2		
138	_	_	_	_	_	_	_	18.0		
144	_	_	_	_	_	_	_	16.1		
151	-	-	-		-	_	-	10.1		
157	-	-	-	-	-	-	-	-		
164	-	-	-	-	-	-	-	-		
104	-	-	-	-	-	-	-	-		

^{*} with heavy-lift accessories

^{** 2}x10° over rear

The capacities above the parting line are based upon the structural strength.

The ratings below the parting line are based on stability for the percentage of tipping load indicated.

,000 lb	360° Main Boom									
Radius				Iviain	Boom					
	44 ft	74 ft	90 ft	105 ft	120 ft	135 ft	150 ft	165 ft		
ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lk		
9	450.0*	-	-	-	-	-	-	-		
10	423.2*	=	-	-	-	-	-	-		
11	377.0*	=	-	-	-	-	-	-		
13	344.4*	300.0*	-	-	-	-	_	_		
15	313.0*	299.8*	_	_	_	_	_	_		
16	288.0*	277.7*	263.0	-	-	-	-	-		
19	246.9*	244.7	244.7	200.0	_	_	_	_		
23	211.6	210.0	209.8	187.4	150.0	_	_	_		
26	184.0	182.3	182.0	176.1	142.4	120.0				
29	161.1	159.6	158.9	162.2	132.2	114.8	95.0	-		
29		139.0	138.9	102.2	132.2	114.0		71.0		
33	<u>141.9</u>	140.2	140.0	143.0	122.3	109.7	89.9	71.0		
39	-	<u>112.0</u>	<u>111.7</u>	<u>114.6</u>	102.2	96.1	83.5	69.0		
46	-	89.2	88.8	92.6	88.6	<u>83.5</u>	76.0	67.4		
52	-	71.4	70.7	74.0	<u>88.6</u> 71.4	74.0	68.5	61.0		
59	-	58.4	57.7	61.0	58.4	60.8	62.4	54.9		
65	-	-	48.0	51.1	48.2	50.9	<u>62.4</u> 52.9	48.7		
72	=	=	40.5	43.4	40.5	43.2	45.2	44.3		
78	_	-	-	37.4	34.4	36.8	38.5	38.1		
85	_	_	_	32.1	29.1	31.5	33.7	32.8		
92				27.7	24.7	27.1	29.1	28.4		
98	-	- -	-	-	20.9	23.1	25.1	24.4		
105					17.6	19.8	21.8	21.1		
111					17.0	17.2	18.9	18.0		
118	-	-	-	-	-	14.5	16.3	15.6		
124	-	-	-	-	-	14.5	14.3	13.4		
131	-	- -	-	-	-	-	12.3	11.6		
138								9.9		
144	-	-	-	-	-	-	-	9.9 8.3		
	-	-	-	-	-	-	-			
151	-	=	-	=	-	=	-	-		
157	-	-	-	-	-	-	-	-		
164	-	-	-	-	-	-	-	-		
170	-	-	-	-	-	-	-	-		
177	-	-	-	-	-	-	-	-		
184	-	-	-	-	-	-	-	-		
190	-	_	-	-	-	-	-	_		

^{*} with heavy-lift accessories

AC 615

3

The capacities above the parting line are based upon the structural strength.

The ratings below the parting line are based on stability for the percentage of tipping load indicated.

,000 lb				360° 🌡				85
Radius				Main	Boom			
Raulus	44 ft	74 ft	90 ft	105 ft	120 ft	135 ft	150 ft	165 ft
ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb
•								
9	-	-	-	-	-	-	-	-
10	410.0*	-	-	-	-	-	-	-
11	363.7*	-	-	-	-	=	-	=
13	323.8*	285.0*	-	-	-	-	-	-
15	298.0*	274.0	-	-	-	-	-	-
16	269.0	259.0	250.0	-	-	-	-	-
19	229.6	228.4	227.9	190.0	-	-	_	_
23	195.5	194.0	193.5	181.8	145.0	-	_	_
26	166.9	165.4	164.9	168.4	134.5	115.0	_	_
29	145.0	143.5	143.0	146.2	124.5	110.8	90.0	
33	143.0 127.3	145.3 125.3	125.0	140.2 128.8	109.6	104.6	84.7	70.0
33	121.3	123.3	123.0	120.0	109.0	104.0	04.7	70.0
39	-	90.2	90.0	93.6	90.6	93.6	<u>79.7</u> 72.2	67.2
46	-	68.5	68.2	71.7	68.7	71.5	72.2	<u>64.7</u>
52	-	54.0	53.5	56.8	54.0	56.8	58.8	58.0
59	=	43.6	43.0	46.0	43.3	45.8	48.0	47.3
65	-	-	34.8	38.1	35.1	37.8	39.8	39.1
72	_	_	28.4	31.6	28.6	31.1	33.3	32.6
78			-	26.4	23.1	25.9	27.9	27.1
85				21.9	18.6	21.1	23.4	22.6
92	-	-	-	18.1	14.9	17.4	19.4	18.6
92 98	-	-	-		14.9	17.4	19.4	10.0
98	-	-	-	-	11.9	14.2	16.2	15.4
105	-	-	-	-	9.2	11.7	13.4	12.7
111	-	-	-	-	-	9.2	11.2	10.4
118	-	-	-	-	-	7.2	9.2	8.2
124	=	=	-	=	=	=	7.4	6.4
131	-	-	-	-	-	-	5.7	4.9
138	-	-	-	-	-	-	-	3.4
144	-	<u>-</u>	_	<u>-</u>	<u>-</u>	_	_	2.5
151	_	_	_	_	_	_	_	-
157	_	_	_	_	_	_	_	_
164	-	-	-	-	-	-	-	-
170								
170	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-
184	-	-	-	-	-	-	-	=
190	-	=	-	-	-	-	-	-

^{*} with heavy-lift accessories

The capacities above the parting line are based upon the structural strength.

The ratings below the parting line are based on stability for the percentage of tipping load indicated.

	6,500 lb				360° Д Main	Boom			85%
ft 1,000 lb 1	Radius	44.61	74.6	00.61			405.6	450 %	405.6
9									
10 3900°	ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb
11 339.5' - </td <td>9</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>=</td> <td>-</td> <td>-</td>	9	-	-	-	-	-	=	-	-
11 339.5' - </td <td>10</td> <td>390.0*</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td>	10	390.0*	-	-	-	-	-	-	-
13 299.7 273.0 -	11	339.5*	-	-	-	-	-	-	-
15 266.7 264.5 -	13		273.0	-	-	-	-	-	_
16 240.3 238.0 235.0 -	15		264.5	-	-	-	_	-	_
23 165.1 163.8 163.3 166.6 135.0 -	16	240.3	238.0	235.0	-	-	-	-	-
23 165.1 163.8 163.3 166.6 135.0 -	19	198 4	196.8	196.6	185.0	_	_	_	_
26 132.2 130.7 130.5 135.3 131.6 112.0 - </td <td>22</td> <td>165.1</td> <td>163.8</td> <td>163.3</td> <td>166.6</td> <td>135.0</td> <td></td> <td></td> <td></td>	22	165.1	163.8	163.3	166.6	135.0			
29 104.2 102.7 102.5 106.9 103.3 107.3 85.0 - 33 85.0 83.5 83.3 87.0 84.2 87.0 79.8 62.0 39 - 58.4 58.2 61.9 58.8 61.9 64.1 57.3 46 - 42.3 42.1 45.4 42.5 45.4 47.3 46.7 52 - 31.9 31.3 34.6 31.9 34.4 36.3 35.7 59 - 24.4 23.8 26.8 24.4 26.6 28.6 28.0 65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 14.1 16.9 14.3 16.7 18.3 17.6 78 - - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 <t< td=""><td>25</td><td>122.2</td><td>100.0</td><td>103.5 120.5</td><td>100.0 125.2</td><td>133.0</td><td>112.0</td><td></td><td></td></t<>	25	122.2	100.0	103.5 120.5	100.0 125.2	133.0	112.0		
33 85.0 83.5 83.3 87.0 84.2 87.0 79.8 62.0 39 - 58.4 58.2 61.9 58.8 61.9 64.1 57.3 46 - 42.3 42.1 45.4 42.5 45.4 47.3 46.7 52 - 31.9 31.3 34.6 31.9 34.4 36.3 35.7 59 - 24.4 22.8 26.8 24.4 26.6 28.6 28.0 65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 14.1 16.9 14.3 16.7 18.3 17.6 78 - - 13.4 10.5 13.0 14.5 14.1 85 - - 10.5 7.5 9.9 11.9 11.2 92 - - - 10.5 7.5 9.9 11.9 11.2 <td>20</td> <td>104.2</td> <td></td> <td>130.5 100.5</td> <td>100.0</td> <td>101.0</td> <td>112.0</td> <td>0E 0</td> <td>-</td>	20	104.2		130.5 100.5	100.0	101.0	112.0	0E 0	-
39 - 58.4 58.2 61.9 58.8 61.9 64.1 57.3 46 - 42.3 42.1 45.4 42.5 45.4 47.3 46.7 52 - 31.9 31.3 34.6 31.9 34.4 36.3 35.7 59 - 24.4 23.8 26.8 24.4 26.6 28.6 28.0 65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 11.4 16.9 14.3 16.7 18.3 17.6 78 - - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9	29	104.2	102.7	102.5	100.9	103.3	107.3	85.0	(2.0
46 - 42.3 42.1 45.4 42.5 45.4 47.3 46.7 52 - 31.9 31.3 34.6 31.9 34.4 36.3 35.7 59 - 24.4 23.8 26.8 24.4 26.6 28.6 28.0 65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 14.1 16.9 14.3 16.7 18.3 17.6 78 - - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 <td>33</td> <td>85.0</td> <td>83.5</td> <td>83.3</td> <td>87.0</td> <td>84.2</td> <td>87.0</td> <td>79.8</td> <td>62.0</td>	33	85.0	83.5	83.3	87.0	84.2	87.0	79.8	62.0
46 - 42.3 42.1 45.4 42.5 45.4 47.3 46.7 52 - 31.9 31.3 34.6 31.9 34.4 36.3 35.7 59 - 24.4 23.8 26.8 24.4 26.6 28.6 28.0 65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 14.1 16.9 14.3 16.7 18.3 17.6 78 - - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 <td>39</td> <td>-</td> <td>58.4</td> <td>58.2</td> <td>61.9</td> <td>58.8</td> <td>61.9</td> <td>64.1</td> <td>57.3</td>	39	-	58.4	58.2	61.9	58.8	61.9	64.1	57.3
52 - 31.9 31.3 34.6 31.9 34.4 36.3 35.7 59 - 24.4 23.8 26.8 24.4 26.6 28.6 28.0 65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 14.1 16.9 14.3 16.7 18.3 17.6 78 - - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 7.9 4.6 7.0 9.2 8.3 98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 111 - - - - - 2.6 4.6 3.9	46	-	42.3	42.1	45.4	42.5		47.3	46.7
59 - 24.4 23.8 26.8 24.4 26.6 28.6 28.0 65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 14.1 16.9 14.3 16.7 18.3 17.6 78 - - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 10.5 7.5 9.9 11.9 11.2 98 - - - 7.9 4.6 7.0 9.2 8.3 98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 111 - - - - - 2.6 4.6 3.9 11	52	-	31.9	31.3	34.6	31.9		36.3	35.7
65 - - 18.3 21.1 18.7 20.9 22.9 22.0 72 - - 14.1 16.9 14.3 16.7 18.3 17.6 78 - - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 7.9 4.6 7.0 9.2 8.3 98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 111 - - - - - 2.8 2.2 124 - <td< td=""><td>59</td><td>-</td><td>24.4</td><td>23.8</td><td>26.8</td><td>24.4</td><td>26.6</td><td>28.6</td><td>28.0</td></td<>	59	-	24.4	23.8	26.8	24.4	26.6	28.6	28.0
78 - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 7.9 4.6 7.0 9.2 8.3 98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 111 - - - - - 2.6 4.6 3.9 118 - - - - - - 2.8 2.2 118 -	65	-		18.3	21.1	18.7	20.9	22.9	22.0
78 - - 13.4 10.5 13.0 14.5 14.1 85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 7.9 4.6 7.0 9.2 8.3 98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 111 - - - - - 2.6 4.6 3.9 118 - - - - - - 2.8 2.2 118 -	72	_	_	14 1	16.9	14 3	16.7	18 3	17.6
85 - - - 10.5 7.5 9.9 11.9 11.2 92 - - - 7.9 4.6 7.0 9.2 8.3 98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 111 - - - - - 2.6 4.6 3.9 111 - - - - - - 2.8 2.2 118 - - - - - - 2.8 2.2 118 - <td>72</td> <td></td> <td></td> <td></td> <td>13.7</td> <td>10.5</td> <td></td> <td></td> <td>17.0</td>	72				13.7	10.5			17.0
92 - - - 7.9 4.6 7.0 9.2 8.3 98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.4 4.6 6.6 3.9 111 - - - - 2.6 4.6 3.9 111 - - - - 2.6 4.6 3.9 118 - - - - - 2.8 2.2 118 - - - - - 2.8 2.2 118 - </td <td>70 0E</td> <td>-</td> <td>-</td> <td>_</td> <td>10.4</td> <td>7.5</td> <td>0.0</td> <td>11.0</td> <td>11.1</td>	70 0E	-	-	_	10.4	7.5	0.0	11.0	11.1
98 - - - - 2.4 4.6 6.6 5.9 105 - - - - 2.6 4.6 3.9 111 - - - - - 2.8 2.2 118 - - - - - - 2.8 2.2 124 - <td>00</td> <td>-</td> <td>-</td> <td>-</td> <td>7.0</td> <td>1.3</td> <td>7.9</td> <td>0.2</td> <td>11.2</td>	00	-	-	-	7.0	1.3	7.9	0.2	11.2
105 - - - - - 2.6 4.6 3.9 1111 - - - - - 2.8 2.2 118 - - - - - - - - - 124 -	92	-	-	-		4.0	7.0	9.2	8.3
1111 - - - - 2.8 2.2 118 - <t< td=""><td>98</td><td>-</td><td>-</td><td>-</td><td>-</td><td>2.4</td><td>4.6</td><td>6.6</td><td>5.9</td></t<>	98	-	-	-	-	2.4	4.6	6.6	5.9
118 -		-	-	-	-	-	2.6	4.6	3.9
124 -	111	-	-	-	-	-	-	2.8	2.2
131 -	118	=	=	=	=	=	=	=	-
131 -	124	-	-	-	-	-	-	-	-
144 -	131	-	-	-	-	-	-	-	-
144 -	138	-	-	-	-	-	-	-	-
151 -		=	=	-	=	=	=	=	_
157 -	151	-	-	-	-	-	-	-	_
164 -<	157	-	-	=	-	-	<u>-</u>	-	_
177	164	-	-	-	-	-	-	-	-
177	170	-	-	-	-	-	=	-	_
184	177	-	-	_	-	-	-	-	_
	18/	_	_	_	_	_	_	_	_
	190	-	-	-	-	-	-	-	-

^{*} with heavy-lift accessories

AC 615

5

The capacities above the parting line are based upon the structural strength.

The ratings below the parting line are based on stability for the percentage of tipping load indicated.

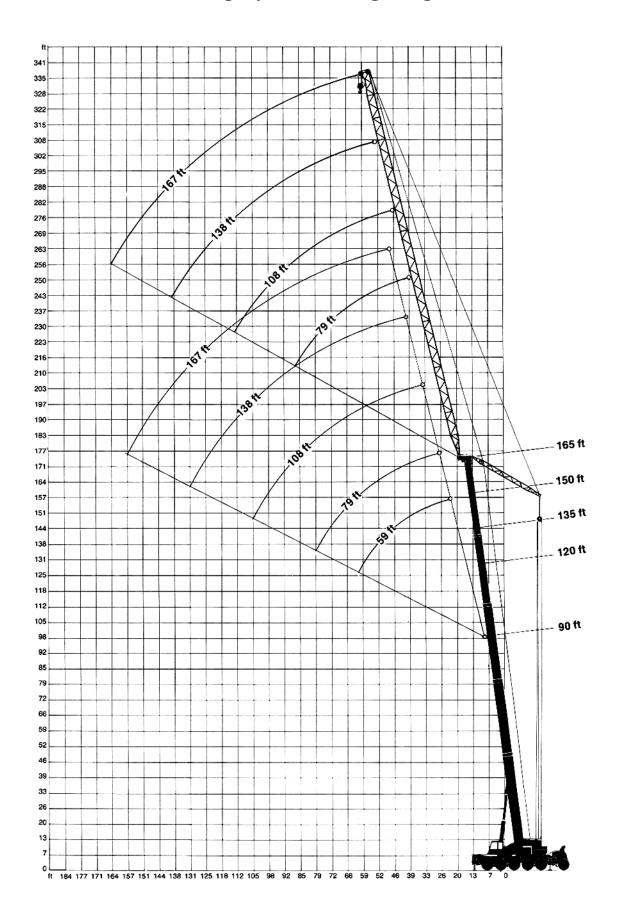
b	360° Main Boom									
Radius				IVIAIN	DOOM					
	44 ft	74 ft	90 ft	105 ft	120 ft	135 ft	150 ft	165 ft		
ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lk		
9	-	-	-	-	-	-	-	-		
10	325.0*	-	-	-	-	-	-	-		
11	280.0*	-	-	-	-	-	-	-		
13	246.5	230.0	-	-	-	-	-	-		
15	220.4	220.4	-	-	-	-	-	-		
16	200.6	199.3	200.0	-	-	-	-	-		
19	<u>158.7</u>	<u>157.4</u>	<u>157.1</u>	<u>155.0</u>	-	-	-	-		
19 23	111.1	109.5	109.5	114.4	<u>110.0</u>	-	-	_		
26	82.0	80.4	80.4	84.6	81.3	85.0	-	_		
29	61.9	60.4	60.4	64.6	61.3	64.6	67.0	_		
33	48.5	46.9	46.7	50.4	47.4	50.4	52.9	52.0		
20		30.2	30.0	33.3	30.6	33.0	35.2	34.6		
39 46	-	20.5	20.0	23.1	20.7	22.9	24.9	24.2		
40 50	-	20.5	13.6	16.3	20.7 14.1	16.3	18.0	24.2 17.4		
52	-	14.1	13.0	10.3	14.1	10.3	10.0	17.4		
59	-	9.2	8.8	11.6	9.2 5.0	11.4	13.2	12.5		
65	-	-	4.8	7.9	5.0	7.7	9.7	9.0		
72 78	-	-	2.0	4.8	2.0	4.4	6.4	5.7		
78	-	-	-	2.2	-	1.7	4.4	3.0		
85	-	-	-	-	-	-	-	-		
92	=	-	-	=	-	=	-	-		
98	=	-	=	-	=	=	=	-		
105	-	-	-	-	-	-	-	-		
111	-	-	-	-	-	-	-	-		
118	-	-	-	-	-	-	-	-		
124	-	-	-	-	-	-	-	-		
131	-	-	-	-	-	-	-	-		
138	<u>-</u>	-	-	-	-	<u>-</u>	-	-		
144	-	-	-	-	-	-	-	-		
151	-	-	-	-	-	-	-	_		
157	-	-	-	-	-	-	-	_		
164	-	-	-	-	-	-	-	-		
170	_	_	_	_	_	_	_	=		
177	_	_	_	_	_	_	_	_		
184	_	-	-	-	-	_		_		
190	-	-	-	-	-	-	-	-		

^{*} with heavy-lift accessories

The capacities above the parting line are based upon the structural strength.

The ratings below the parting line are based on stability for the percentage of tipping load indicated.

Luffing Fly-Jib Working Ranges



Lifting Capacities on Luffing Fly Jib

88,000 lb			360° 🏅			75%	88,000 lb			360° 🔭	7	75%
			Lu	ffing Fly 、	Jib					Luffin	g Fly Jib	
Boom	Radius	59 ft (1)	79 ft	108 ft	138 ft	167 ft	Boom	Radius	79 ft	108 ft	138 ft	167 ft
	ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb	1,000 lb		ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb
	33	92.6	-	-	-	-		46	35.2	-	-	-
	20	00.2	// 0					52	35.2	-	-	-
	39	90.3	66.0	40.0	-	=		59	35.2	26.4	10.4	-
	46 52	81.5 68.3	66.0 66.0	49.8 49.8	-	-		65	35.2	26.4	19.4	-
	52 59	52.9	58.6	49.8	37.4	-		72	35.2	26.4	19.4	10.1
	65	<u>52.7</u>	50.9	49.8	35.7	25.5		72 79	34.1	26.4	19.4	10.1
	00		30.7	47.0	33.7	25.5		85	33.0	26.4	19.4	10.1
	72	-	44.0	46.9	34.3	25.5		92	-	25.8	19.4	10.1
	79	-	33.9	44.0	32.6	24.7		98	-	24.9	18.5	10.1
	85	-	-	38.1	30.8	23.5	135 ft	,,		2,		
	92	=	=	32.6	29.3	22.2	100 11	105	-	24.2	18.0	10.1
90 ft	98	=	=	27.5	27.7	21.1		111	-	22.4	17.6	10.1
								118	-		17.4	10.1
	105	-	-	22.0	26.4	20.0		124	-	-	16.9	10.1
	111	-	-	-	24.9	18.7		131	-	-	16.7	10.1
	118	-	-	-	22.0	17.2						
	124	-	-	-	18.9	16.1		138	-	-	<u>16.0</u>	10.1
	131	-	-	-	<u>15.4</u>	15.4		144	-	-	-	10.1
								151	-	=	=	10.1
	138	-	-	-	-	15.0		157	-	-	-	10.1
	144	-	-	-	-	14.5		164	-	-	-	<u>10.1</u>
	151	-	-	-	-	12.3						
	157	-	-	-	-	10.1						
	164	-	-	-	-	<u>7.9</u>		52	28.0	-	-	-
								59	27.7	20.2	-	-
								65	27.5	20.2	13.2	-
	39	59.5	-	-	-	-						
	46	58.4	48.5	-	-	-		72	27.3	20.2	13.2	
	52	56.4	48.5	-	-	-		79	26.9	20.2	13.2	7.7
	59	55.1	47.3	34.0	-	-		85	<u>26.4</u>	20.2	13.2	7.7
	65	<u>46.7</u>	45.2	34.0	25.0	17.0		92	-	20.2	13.2	7.7
	70		40.0	24.0	05.0	17.0		98	-	20.2	13.2	7.7
	72	=	42.9	34.0	25.0	17.0		105		20.2	10.0	7 7
	79	-	40.7	33.0	25.0	17.0	450 (4	105	-	20.2	13.2	7.7
	85	-	<u>30.6</u>	31.9	25.0	17.0	150 ft	111	-	<u>18.7</u>	13.2	7.7
	92 98	-	- -	30.8 29.7	24.2	17.0		118	-	-	13.2	7.7 7.7
400 6	98	-	-	29.7	23.1	17.0		124 131	-	-	13.2	
120 ft	105			26.0	22.2	17.0		131	-	-	13.2	7.7
	105 111	-	-	20.0 20.7	21.6	17.0		138			12.7	7.7
	118	-	-	<u>20.1</u> -	20.7	16.3		144	-	-	12.7 12.3	7.7
	124	-	-	-	19.8	15.6		151	-	=	<u>12.J</u>	7.7
	131	_	_	_	18.0	15.0		157	_	-	_	7.7
	.51				10.0	10.0		164	-	-	=	7.7
	138	-	-	-	<u>14.7</u>	14.3						
	144	=	-	-	-	13.4		170	-	=	-	<u>6.6</u>
	151	-	-	-	-	12.7		-				
	157	-	-	-	-	11.9						
	164	=	-	-	-	9.7	(1) Hook Blo	ck with a mi	n. weight of 2	2,500 lb requi	ired!	

Lifting Capacities on Luffing Fly Jib

88,000 lb		36	0°		75%
			Luffing	Fly Jib	
Boom	Radius	79 ft	108 ft	138 ft	167 ft
	ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb
	52	18.7	-	-	-
	59	18.7	14.3	-	-
	65	18.7	14.3	8.6	-
	72	18.7	14.3	8.6	-
	79	18.7	14.3	8.6	3.9
	85	<u>18.7</u>	14.3	8.6	3.9
	92		14.3	8.6	3.9
	98	-	14.3	8.6	3.9
405.61	105	-	14.3	8.6	3.9
165 ft	111	-	14.3	8.6	3.9
	118	-	<u>14.3</u>	8.6	3.9
	124	-		8.6	3.9
	131	=	=	8.6	3.9
	138	=	=	8.6	3.9
	144	-	-	<u>8.6</u>	3.9
	151	-	-	-	3.9
	157	-	-	-	3.9
	164	=	=	-	3.9
	170	-	-	-	<u>3.9</u>
	.,,				<u> </u>

Lifting Capacities on Fixed Fly Jib (3°)

Lifting Capacities on Fixed Fly Jib (3°)

88,000 lb		36	0°		85%	57,000 lb		36	0°		85%
			Fixed	Fly Jib							
Boom	Radius	39 ft	59 ft	79 ft	108 ft	Boom	Radius	39 ft	59 ft	79 ft	108 ft
	ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb		ft	1,000 lb	1,000 lb	1,000 lb	1,000 lb
	39	37.5	-	-	-		39	37.5	-	-	-
	46	37.2	-	-	-		46	37.2	-	-	-
	52	35.7	21.5	-	-		52	35.7	21.5	-	-
	59	33.9	21.5	17.0	-		59	33.9	21.5	17.0	-
	65	32.4	20.7	16.9	11.5		65	32.4	20.7	16.9	11.5
	72	30.4	19.4	15.8	11.4		72	30.4	19.4	15.8	11.4
	78	29.1	18.3	15.2	11.4		78	29.1	18.3	15.2	11.4
	85	27.3	17.4	14.3	10.8		85	<u>29.1</u> 25.1	17.4	14.3	10.8
	92	25.5	16.7	13.6	10.3		92	20.7	16.7	13.6	10.3
165 ft	98	<u>24.2</u>	15.6	13.0	9.9	165 ft	98	17.6	<u>15.6</u>	13.0	9.9
105 11	111	20.0	14.1	11.6	8.8	105 11	111	12.1	11.4	11.6	8.8
	124	15.0	13.0	10.5	8.1		124	7.9	7.5	<u>11.6</u> 8.3	0.0
	138	11.0	10.3	9.7	7.0		138	4.6	4.1	5.0	<u>8.1</u> 5.9
	151	7.9	7.0	8.1	6.6		151	2.2	4.1	2.4	3.0
	164	5.3	4.6	5.5	5.9		164	-	-	-	-
	177	3.0	<u>2.8</u>	<u>3.3</u>	3.9		177				
	190	3.0 -	<u>2.0</u> -	<u>3.3</u> -	2.0		190	-	-	-	-
	203	-	-	-	<u>2.0</u> -		203	-	-	-	-
	203 216	-	-	-	-		203	-	-	-	-
	229	-	-	-	-		229	-	-	-	-
	227	-	-	-	-		227	-	-	-	-

Duties for fixed fly jib with 20° offset upon request.

The capacities above the parting line are based upon the structural strength.

The ratings below the parting line are based on stability for the percentage of tipping load indicated.

Working Speeds (infinitely variable)

Units	Normal High Speed Rope Pull, Single Line Length of Hoist Rope								
Main Hoist	157 ft/min	512 ft/min	113 kN	1050 ft					
Secondary Hoist	rry Hoist 138 ft/min 512 ft/min 113 kN								
Slewing				max. 2.3 RPM					
Telescoping Speed 44	Telescoping Speed 44 -135 ft								
Boom Elevation from	Boom Elevation from -2° to 82° 100 s								

Carrier Performance

Travel Speed	0 - 55 m.p.h.
Gradeability in Travel Order	max. 60%

Hook Block/Crane Hook

Type	Capacity 85%	Number of Sheaves	Number of Lines	Weight	»B«
200/9	500,000 lb	9	14/18*/20*	3,970 lb	8 ft
125/5	270,000 lb	5	11	3,086 lb	8 ft
100/3	175,000 lb	3	7	2,536 lb	8 ft
40/1	75,000 lb	1	3	1,676 lb	8 ft
12.5	25,000 lb	Crane Hook	1	772 lb	6 ft

^{*} with heavy-lift accessories

Crane-Capacity Notes

Crane operation subject to computer charts only!

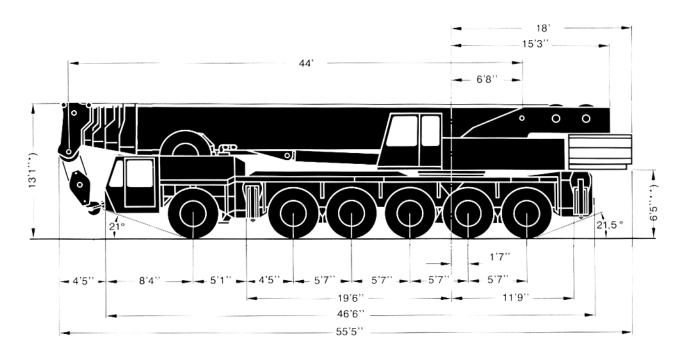
Gross capacities do not exceed 85% of tipping load (75% on Luffing Fly Jib).

The weights of hooks block, and all other load-handling accessories are considered part of the load.

Crane can still operate safely up to a Wind Force of 5% beaufort scale (29.5 ft or 20 mph) and a Wind Speed of 50.85 ft or 35 mph.

AC 615

DIMENSIONS



- *) with 14.00 tires and quick disconnect: 13' 5"
 **) with 14.00 tires and quick disconnect: 7'

