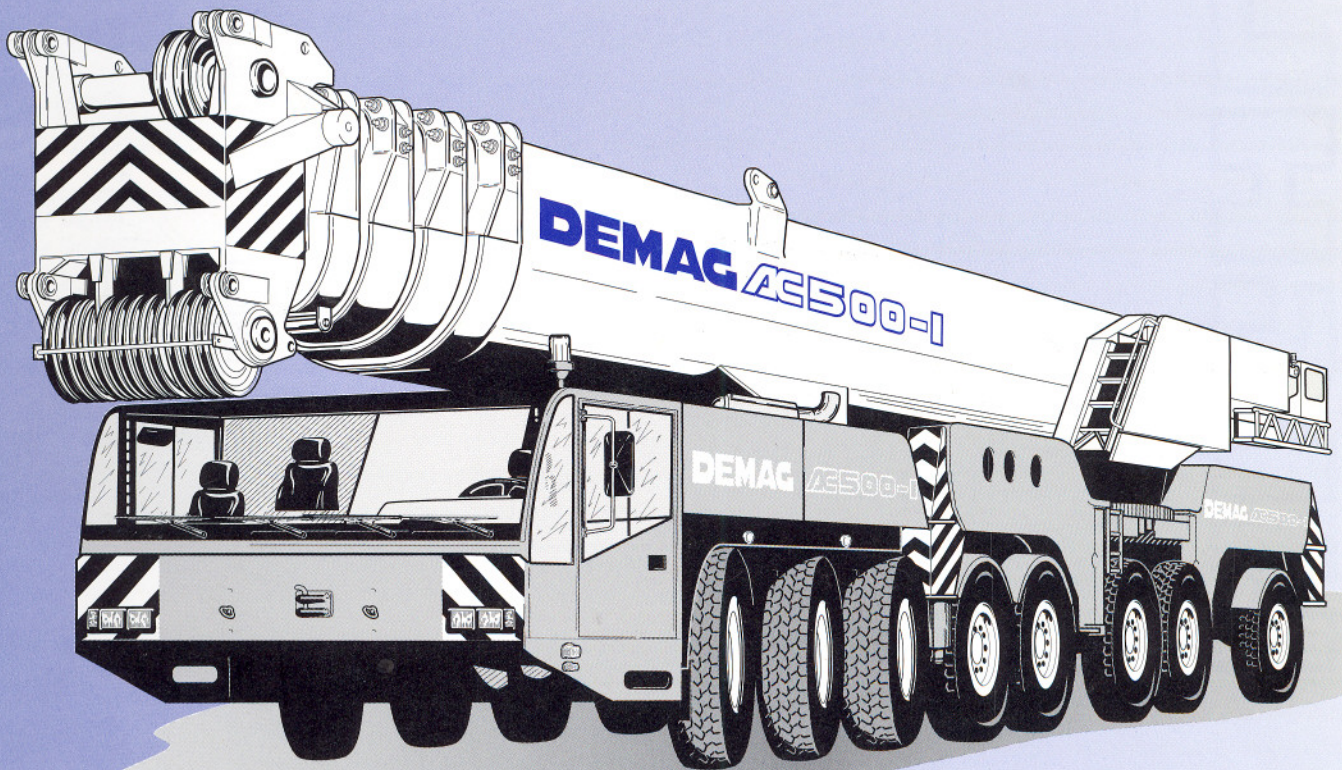


Demag AC 500-1

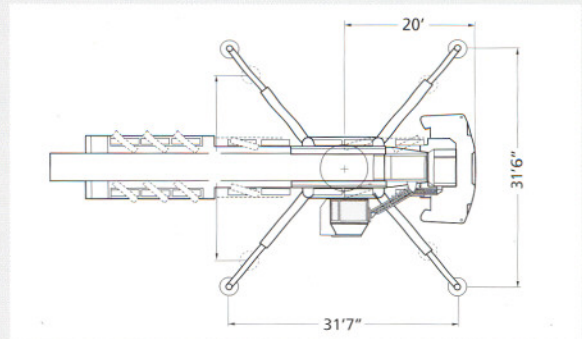
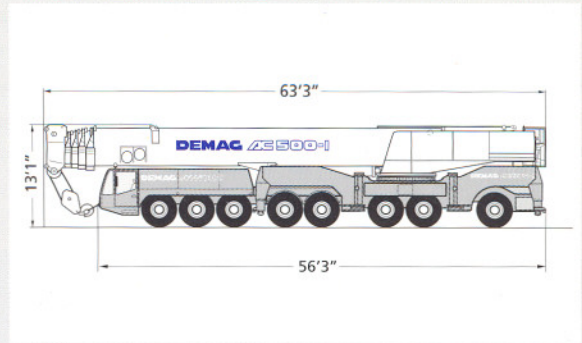
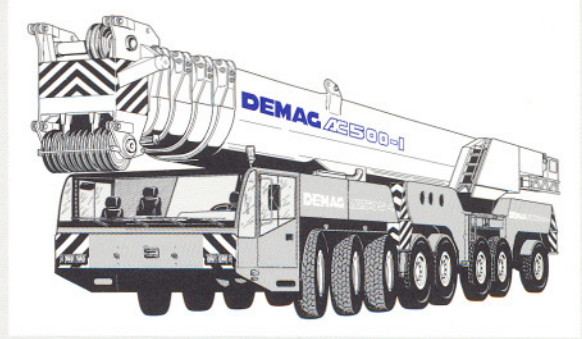


550t

HIGHLIGHTS

Demag AC 500-1

- ▶ Enhanced Demag ovaloid boom design ensures excellent lifting capacities
- ▶ Exceptional capacity enhancements due to new Sideways Superlift
- ▶ The shortest 8-axle crane with a carrier length of just 56.3 ft
- ▶ Star-type outriggers giving enhanced stability
- ▶ Short rigging time and optimal transport weights for all configurations
- ▶ Innovative crane control provides high operating comfort



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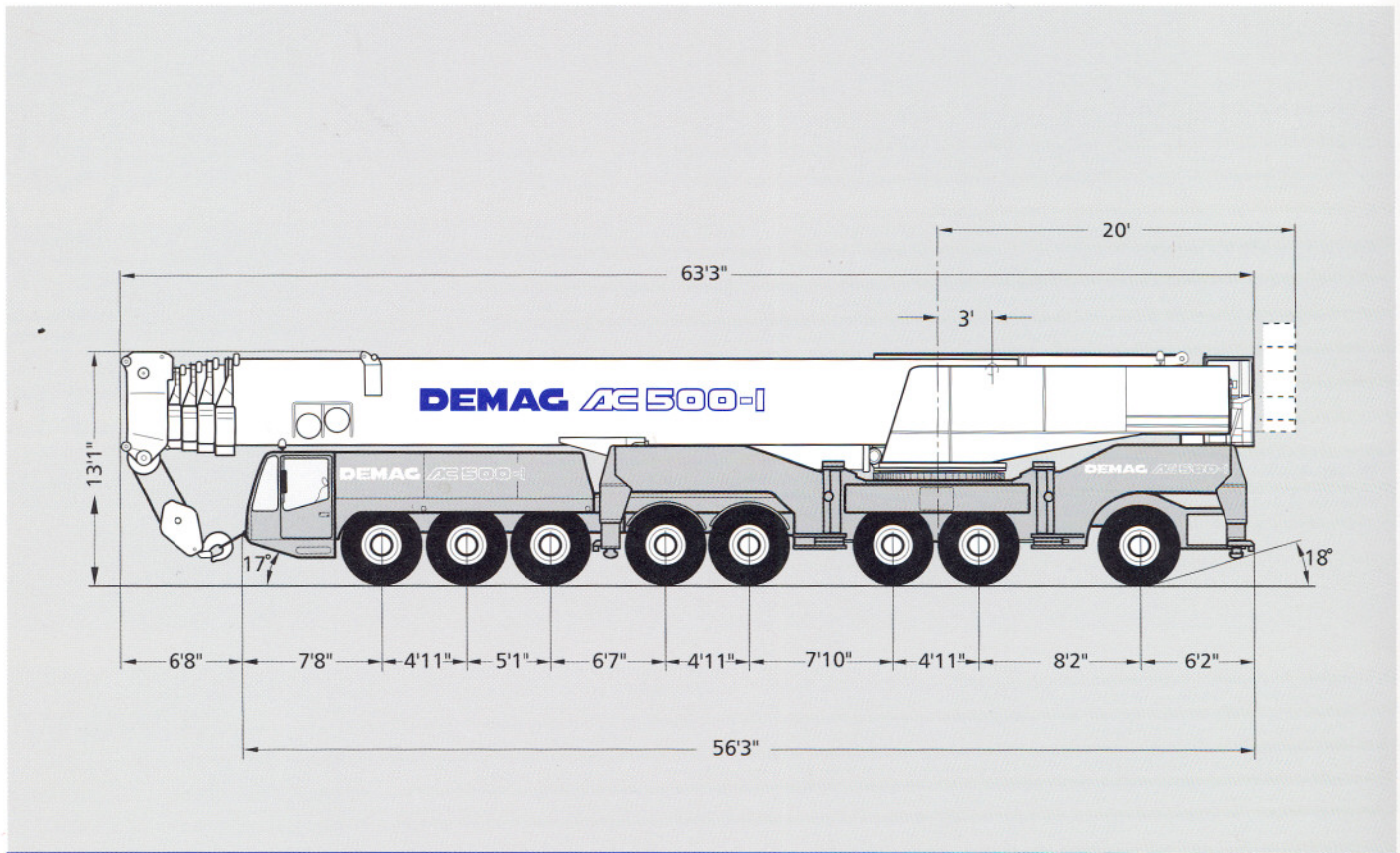
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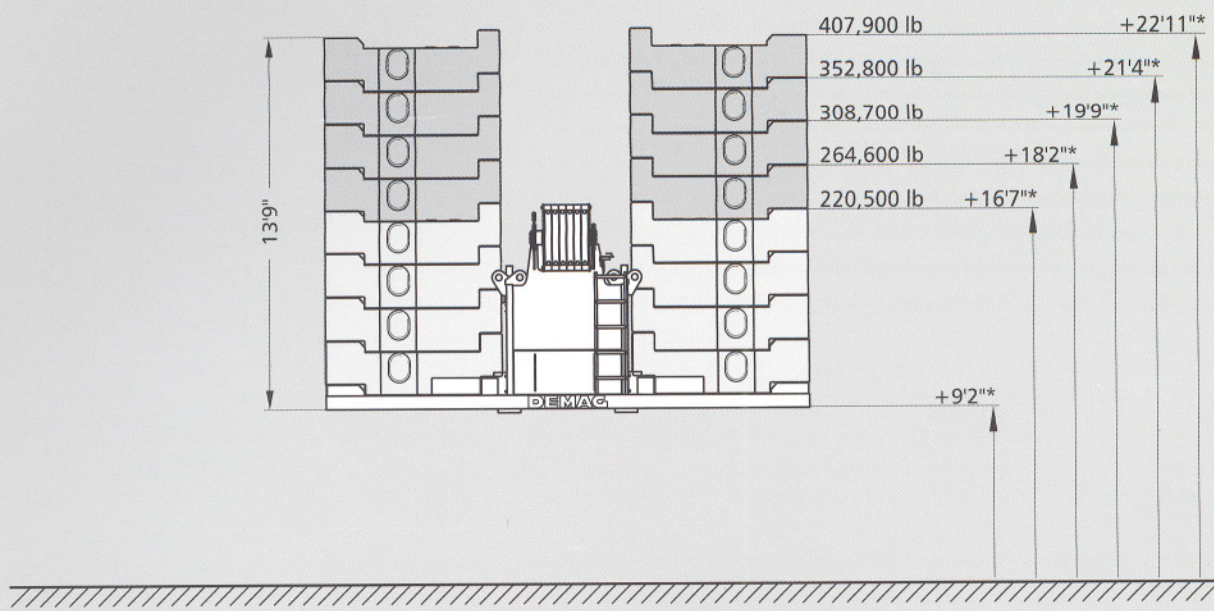
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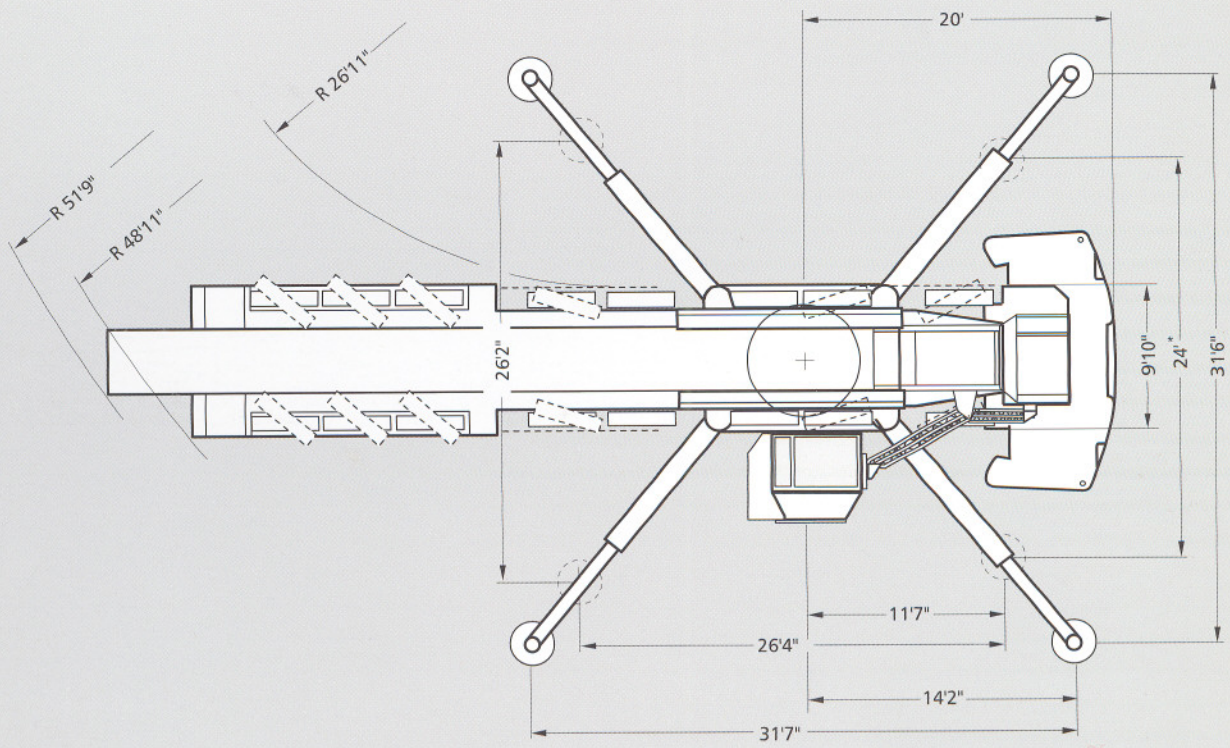
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Dimensions





* Tail swing above ground



*) Duties with reduced outrigger base on request

Specifications

Axle loads and weights

Crane with main boom, outriggers and hook block

Axles	8 x 26,500 lb
Total weight	212,000 lb

Working speeds (infinitely variable)

Mechanisms	Line speed	Max. permissible line pull	Rope length
Hoist I	max. 446.2 ft/min	28,100 lb	1,548 ft
Hoist II	max. 505.2 ft/min	28,100 lb	2,362 ft
Slewing			max. 0.8 rpm
Telescoping speed			48.2 – 183.7 ft: approx. 420 sec.
Boom elevation			-0,5° – +83°: 85 sec.

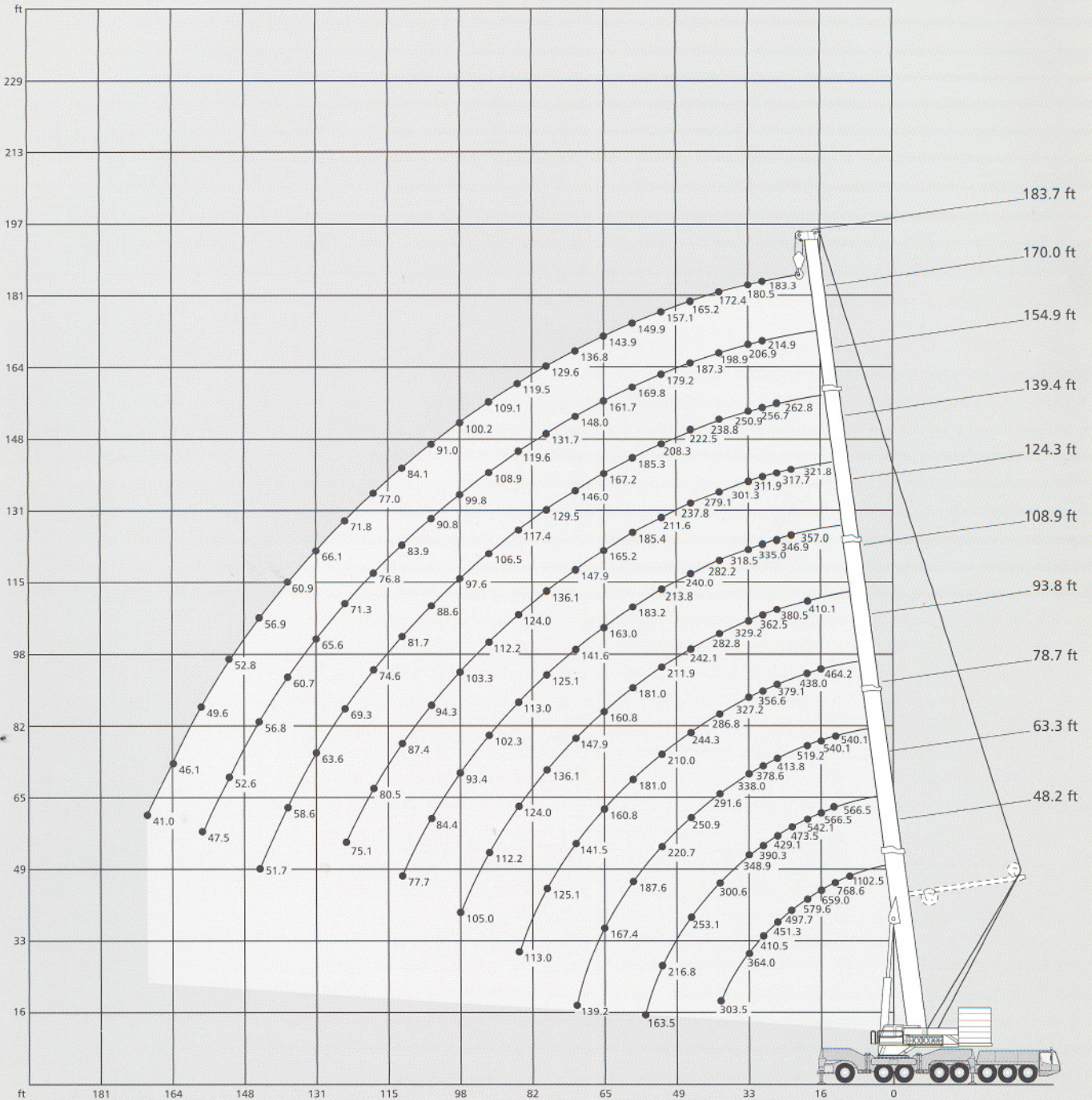
Carrier performance

Travel speed	0 . . 40 mph
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Hook block / Heavy-lift attachment

Type	Possible load	Number of sheaves	Weight	„D“	max. reeving	Heavy-lift attachment
320	566,600 lb	11	7,100 lb	13 ft	23	4 add. sheaves
250	476,200 lb	9	5,700 lb	13 ft	18	2 add. sheaves
200	397,000 lb	7	5,100 lb	10 ft	15	
160	291,000 lb	5	4,200 lb	10 ft	11	
100	185,200 lb	3	4,000 lb	10 ft	7	
40	79,400 lb	1	1,700 lb	9 ft	3	
12.5	26,500 lb	Single line hook	1,100 lb	7 ft	1	

Working ranges main boom



Lifting capacities main boom

352,800 lb



360°

85%

Main boom

Radius	ft	48.2 ³⁾	48.2	63.3 ³⁾	63.3	78.7 ³⁾	78.7	93.8	108.9	124.3	139.4	154.9	170.0	183.7	Radius	
		1,000 lb														
ft															ft	
10	1102.5 ¹⁾	566.5	-	-	-	-	-	-	-	-	-	-	-	-	10	
11	917.2 ²⁾	566.5	566.5	566.5	-	-	-	-	-	-	-	-	-	-	11	
13	768.6 ²⁾	566.5	566.5	566.5	540.1	540.1	-	-	-	-	-	-	-	-	13	
15	691.2 ²⁾	565.3	566.5	564.9	540.1	540.1	-	-	-	-	-	-	-	-	15	
16	659.0 ²⁾	559.9	566.5	558.2	540.1	540.1	464.2	-	-	-	-	-	-	-	16	
19	579.6	507.1	542.1	506.7	519.2	503.5	438.0	370.5	-	-	-	-	-	-	19	
23	497.7	442.7	473.5	442.7	460.2	440.4	405.3	343.6	312.8	-	-	-	-	-	23	
26	451.3	404.4	429.1	404.4	413.8	402.1	379.1	323.5	296.7	259.1	-	-	-	-	26	
29	410.5	369.8	390.3	371.6	378.6	369.4	356.6	307.0	278.7	244.9	211.5	182.1	-	-	29	
33	364.0	333.6	348.9	333.6	338.0	331.4	327.2	285.6	259.1	228.5	195.6	171.5	145.1	-	33	
39	303.5	289.3	300.6	289.3	291.6	287.1	286.8	255.4	228.9	206.4	177.4	157.4	135.1	-	39	
46	-	-	253.1	244.3	250.9	242.1	244.3	224.6	200.3	184.9	158.5	140.9	123.3	-	46	
52	-	-	216.8	212.1	220.7	207.8	210.0	200.4	178.2	166.8	144.4	128.8	113.2	-	52	
59	-	-	159.2	163.5	187.6	178.8	181.0	176.5	158.8	150.0	132.3	116.9	103.4	-	59	
65	-	-	-	-	167.4	158.6	160.8	160.3	146.7	137.9	122.2	109.6	95.8	-	65	
72	-	-	-	-	135.3	139.2	141.5	143.7	132.6	123.8	110.5	100.5	87.7	-	72	
79	-	-	-	-	-	-	125.1	127.4	120.8	112.1	102.6	92.5	80.6	-	79	
85	-	-	-	-	-	-	113.0	117.3	110.7	104.6	95.5	86.5	75.4	-	85	
92	-	-	-	-	-	-	-	106.0	101.6	95.9	88.5	80.1	70.0	-	92	
98	-	-	-	-	-	-	-	97.8	94.2	89.5	83.2	75.3	65.9	-	98	
105	-	-	-	-	-	-	-	-	86.8	83.3	78.0	70.5	61.9	-	105	
111	-	-	-	-	-	-	-	-	79.9	78.0	73.8	66.5	58.3	-	111	
118	-	-	-	-	-	-	-	-	-	72.6	69.7	62.8	54.7	-	118	
124	-	-	-	-	-	-	-	-	-	67.3	66.1	59.6	51.7	-	124	
131	-	-	-	-	-	-	-	-	-	58.5	62.2	56.5	48.8	-	131	
138	-	-	-	-	-	-	-	-	-	-	57.8	53.4	45.7	-	138	
144	-	-	-	-	-	-	-	-	-	-	52.9	51.0	43.7	-	144	
151	-	-	-	-	-	-	-	-	-	-	-	48.4	41.2	-	151	
157	-	-	-	-	-	-	-	-	-	-	-	46.2	39.3	-	157	
164	-	-	-	-	-	-	-	-	-	-	-	-	37.4	-	164	
170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	170	

Remarks

- 1) over rear, special attachment required, on request
- 2) over rear, heavy-lift attachment required
- 3) central jack leg



Main boom

Radius ft	ft	48.2	63.3	78.7	93.8	108.9	124.3	139.4	154.9	170.0	183.7	Radius ft
10	566.5	-	-	-	-	1,000 lb	-	-	-	-	-	10
11	566.5	566.5	-	-	-	-	-	-	-	-	-	11
13	566.5	566.5	540.1	-	-	-	-	-	-	-	-	13
15	562.1	561.8	539.1	-	-	-	-	-	-	-	-	15
16	543.3	541.6	535.1	464.2	-	-	-	-	-	-	-	16
19	486.8	485.5	484.6	438.0	370.5	-	-	-	-	-	-	19
23	422.8	425.0	422.8	405.3	343.6	312.8	-	-	-	-	-	23
26	386.5	386.7	384.5	379.1	323.5	296.7	259.1	-	-	-	-	26
29	344.7	344.7	340.7	343.7	307.0	278.7	244.9	211.5	182.1	-	-	29
33	295.8	295.8	298.1	295.8	285.3	259.1	228.5	195.6	171.5	145.1	-	33
39	241.4	241.4	243.6	241.4	245.0	228.9	206.4	177.4	157.4	135.1	-	39
46	-	195.8	198.0	193.6	198.0	195.8	184.9	158.5	140.9	123.3	-	46
52	-	159.5	161.7	164.8	163.7	161.5	160.7	144.4	128.8	113.2	-	52
59	-	128.1	130.3	134.7	132.5	130.3	130.3	130.1	116.9	103.4	-	59
65	-	-	112.1	114.5	112.3	111.2	110.7	112.1	109.6	95.8	-	65
72	-	-	99.5	98.2	98.0	96.7	92.8	94.3	96.2	87.7	-	72
79	-	-	-	84.4	87.5	83.1	79.3	80.5	82.7	80.5	-	79
85	-	-	-	75.2	77.8	75.2	73.9	73.0	73.0	73.1	-	85
92	-	-	-	-	68.6	66.2	66.4	65.7	63.7	64.0	-	92
98	-	-	-	-	61.9	59.5	59.7	59.1	57.1	57.3	-	98
105	-	-	-	-	-	53.1	54.6	52.4	50.6	50.9	-	105
111	-	-	-	-	-	48.5	49.8	47.6	45.8	46.0	-	111
118	-	-	-	-	-	45.6	45.0	42.8	40.8	41.0	-	118
124	-	-	-	-	-	-	41.4	40.5**	37.0	37.2	-	124
131	-	-	-	-	-	-	37.6	37.7**	32.9	33.2	-	131
138	-	-	-	-	-	-	-	34.5**	29.4	29.6	-	138
144	-	-	-	-	-	-	-	29.0	26.8	26.8	-	144
151	-	-	-	-	-	-	-	-	24.0	24.0	-	151
157	-	-	-	-	-	-	-	-	21.9	21.7	-	157
164	-	-	-	-	-	-	-	-	-	19.6	-	164
170	-	-	-	-	-	-	-	-	-	-	-	170

Remarks

** Length of main boom 149.6 ft

Lifting capacities main boom

132,300 lb



360°

85%

Main boom

Radius	ft	48.2	63.3	78.7	93.8	108.9	124.3	139.4	154.9	170.0	183.7	Radius
ft						1,000 lb						ft
10		566.5	-	-	-	-	-	-	-	-	-	10
11		566.5	566.5	-	-	-	-	-	-	-	-	11
13		566.5	566.5	540.1	-	-	-	-	-	-	-	13
15		550.4	548.2	536.9	-	-	-	-	-	-	-	15
16		528.9	526.7	523.5	464.2	-	-	-	-	-	-	16
19		471.4	473.2	471.0	438.0	370.5	-	-	-	-	-	19
23		391.8	391.8	394.0	391.8	343.6	312.8	-	-	-	-	23
26		339.4	339.4	341.6	339.4	323.5	296.7	259.1	-	-	-	26
29		298.1	298.1	300.3	298.1	292.2	271.3	244.9	211.5	182.1	-	29
33		244.6	244.6	249.0	244.6	242.6	227.6	216.7	195.2	171.5	145.1	33
39		172.0	174.1	180.6	181.9	178.1	175.2	170.4	165.0	157.4	135.1	39
46		-	129.7	131.9	131.9	134.2	129.8	125.3	127.5	127.6	123.2	46
52		-	104.8	106.5	107.5	109.0	107.0	107.5	105.2	103.4	103.2	52
59		-	83.2	84.6	88.1	86.8	87.4	86.3	86.7**	81.5	81.9	59
65		-	-	73.5	74.7	74.7	73.9	72.8	73.2**	68.1	68.6	65
72		-	-	61.8	62.4	62.9	61.5	60.4	60.9**	56.0	56.3	72
79		-	-	-	53.0	53.5	53.9*	51.0	51.5**	46.8	47.1	79
85		-	-	-	46.6	47.0	47.5*	44.6	45.0**	40.2	40.6	85
92		-	-	-	-	40.9	41.3*	38.4	38.9**	33.8	34.0	92
98		-	-	-	-	36.4	36.7*	33.8	34.2**	29.0	29.4	98
105		-	-	-	-	-	32.4*	29.0	29.5**	24.4	24.6	105
111		-	-	-	-	-	26.9	25.6	26.1**	21.0	21.2	111
118		-	-	-	-	-	23.6	22.3	22.5**	17.4	17.6	118
124		-	-	-	-	-	-	19.6	19.9**	15.0	15.0	124
131		-	-	-	-	-	-	17.2	17.2**	12.4	12.4	131
138		-	-	-	-	-	-	-	14.9**	10.0	10.0	138
144		-	-	-	-	-	-	-	10.4	8.2	8.2	144
151		-	-	-	-	-	-	-	-	6.3	6.3	151
157		-	-	-	-	-	-	-	-	5.1	4.9	157

0 lb



360°

85%

Main boom

Radius	ft	48.2	63.3	78.7	93.8	108.9	124.3	139.4	149.6	170.0	183.7	Radius
ft						1,000 lb						ft
10		566.5	-	-	-	-	-	-	-	-	-	10
11		566.5	566.5	-	-	-	-	-	-	-	-	11
13		566.5	566.5	544.6	-	-	-	-	-	-	-	13
15		505.4	506.6	465.0	-	-	-	-	-	-	-	15
16		470.5	467.7	402.7	330.7	-	-	-	-	-	-	16
19		344.7	301.9	264.6	232.0	188.7	176.7	-	-	-	-	19
23		193.2	184.6	169.3	156.1	140.7	129.7	116.6	-	-	-	23
26		126.7	138.3	133.0	121.8	114.2	111.3*	95.4	91.1	-	-	26
29		88.8	100.2	105.6	100.0	94.3	92.2*	79.0	76.2	62.5	-	29
33		58.7	68.2	74.8	75.8	73.9	72.9*	62.7	60.7	49.5	47.1	33
39		35.6	43.4	48.9	49.8	50.6	51.1*	46.0	44.8	35.4	33.8	39
46		-	27.2	32.0	32.7	33.6	34.0*	30.9	31.4	23.2	21.9	46
52		-	18.9	23.2	24.0	24.7	25.2*	22.3	22.7	14.6	13.6	52
59		-	12.3	16.1	16.8	17.4	17.9*	15.0	15.2	7.5	6.6	59
65		-	-	11.9	12.5	13.0	13.4*	10.3	10.4	-	-	65
72		-	-	7.3	8.0	8.7	9.1*	5.8	6.0	-	-	72
79		-	-	-	4.5	5.1	5.6*	-	-	-	-	79

Remarks

- * Length of main boom 115.8 ft
- ** Length of main boom 149.6 ft

Lifting capacities main boom with SSL 0°

407,900 lb 

 360°

85%

Main boom

Radius ft	ft	108.9	124.3	139.4	154.9	170.0	183.7	Radius ft
		1,000 lb						
19		410.1	-	-	-	-	-	19
23		396.6	357.0	321.8	-	-	-	23
26		380.5	346.9	317.7	262.8	-	-	26
29		360.6	335.0	311.9	256.7	214.9	183.3	29
33		324.8	318.4	301.2	250.9	206.9	180.5	33
39		280.5	280.1	277.0	238.8	198.9	172.4	39
46		239.9	239.9	237.7	222.5	187.3	165.2	46
52		211.7	211.7	209.5	208.3	179.2	157.1	52
59		178.8	183.2	185.3	185.3	169.8	149.9	59
65		158.6	161.0	163.2	165.2	161.7	143.9	65
72		147.9	141.5	147.9	145.9	148.0	136.8	72
79		136.1	122.9	133.9	129.5	131.7	129.6	79
85		124.0	110.8	121.8	117.4	119.6	119.5	85
92		112.2	100.9	110.0	105.4	107.8	108.2	92
98		103.5	92.1	102.1	96.5	98.7	99.1	98
105		-	83.1	93.0	87.5	89.7	89.9	105
111		-	76.4	86.1	80.6	82.8	83.0	111
118		-	-	79.2	73.5	75.7	75.9	118
124		-	-	73.8	68.2	70.2	70.6	124
131		-	-	-	62.5	64.5	64.7	131
138		-	-	-	57.5	59.6	59.8	138
144		-	-	-	50.2	55.5	55.8	144
151		-	-	-	-	51.5	51.7	151
157		-	-	-	-	46.0	48.3	157
164		-	-	-	-	-	44.9	164
170		-	-	-	-	-	39.5	170
177		-	-	-	-	-	-	177

308,700 lb 

 360°

85%

Main boom

Radius ft	ft	108.9	124.3	139.4	154.9	170.0	183.7	Radius ft
		1,000 lb						
19		410.1	-	-	-	-	-	19
23		396.6	357.0	321.8	-	-	-	23
26		380.5	346.9	317.7	262.8	-	-	26
29		351.4	335.0	311.9	256.7	214.9	183.3	29
33		315.9	318.1	301.0	250.9	206.9	180.5	33
39		267.5	269.7	270.8	238.8	198.9	172.4	39
46		217.9	220.1	222.3	222.3	187.3	165.2	46
52		185.6	187.8	190.0	194.1	179.2	157.1	52
59		167.6	158.9	167.6	163.3	167.6	149.9	59
65		151.5	140.7	151.5	145.1	147.5	143.9	65
72		132.7	121.7	132.7	126.1	128.3	130.4	72
79		118.6	107.7	116.4	111.9	114.2	114.2	79
85		108.3	96.8	107.1	101.5	103.9	104.3	85
92		97.7	86.2	96.3	90.6	93.0	93.5	92
98		89.8	78.3	88.3	82.7	85.0	85.4	98
105		-	70.3	80.2	74.5	76.9	77.1	105
111		-	64.2	74.1	68.4	70.6	71.1	111
118		-	-	67.7	62.0	64.2	64.6	118
124		-	-	62.9	57.4	59.4	59.8	124
131		-	-	-	52.2	54.3	54.6	131
138		-	-	-	47.9	49.9	50.1	138
144		-	-	-	44.1	46.2	46.5	144
151		-	-	-	-	42.0	42.2	151
157		-	-	-	-	38.8	38.8	157
164		-	-	-	-	-	35.2	164
170		-	-	-	-	-	32.6	170
177		-	-	-	-	-	-	177

Lifting capacities main boom with SSL 0°

220,500 lb



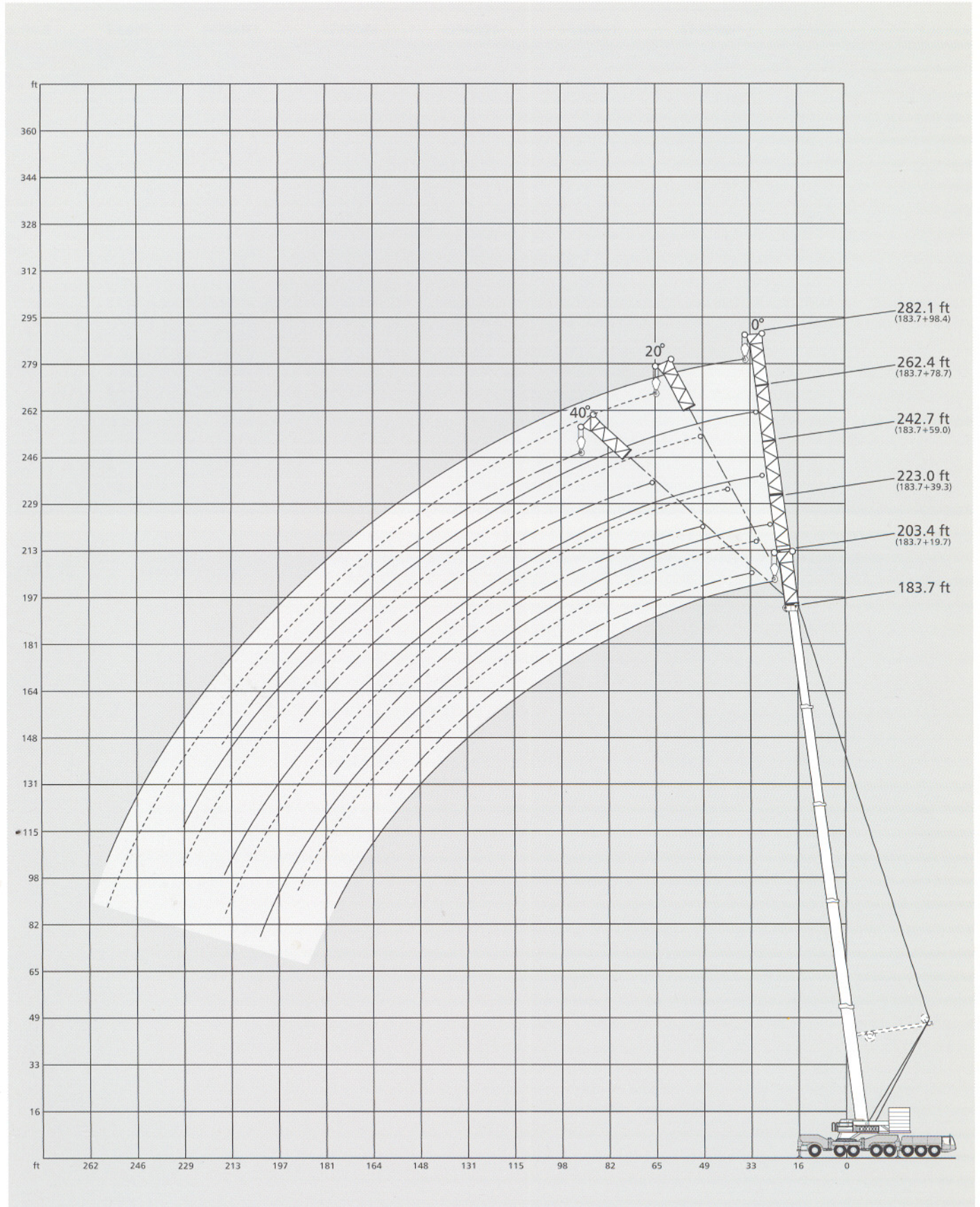
85%

Main boom

Radius	ft	108.9	124.3	139.4	154.9	170.0	183.7	Radius
ft								ft
19		410.1	-	-	-	-	-	19
23		396.5	357.0	321.8	-	-	-	23
26		372.3	346.9	317.7	262.8	-	-	26
29		333.3	331.3	311.9	256.7	214.9	183.3	29
33		284.8	287.1	289.3	250.8	206.9	180.5	33
39		230.4	234.7	236.9	236.7	198.9	172.4	39
46		187.2	189.2	191.4	193.7	187.1	165.2	46
52		173.1	161.0	171.0	167.5	169.0	157.1	52
59		147.9	136.8	145.7	141.3	143.5	143.4	59
65		129.7	116.7	127.5	121.1	125.3	125.3	65
72		110.2	96.6	109.1	102.3	105.4	105.8	72
79		94.5	81.1	93.2	86.6	89.4	89.9	79
85		83.4	70.4	82.3	75.7	78.5	79.0	85
92		73.0	59.5	71.7	65.3	67.9	68.3	92
98		65.5	51.9	64.0	57.6	60.4	60.9	98
105		-	44.0	56.6	49.8	52.6	53.1	105
111		-	38.6	51.0	43.9	46.8	47.2	111
118		-	-	45.0	38.0	40.8	41.3	118
124		-	-	40.6	33.7	36.4	36.8	124
131		-	-	-	29.2	31.8	32.1	131
138		-	-	-	25.4	27.8	28.1	138
144		-	-	-	22.4	24.6	25.0	144
151		-	-	-	-	21.5	21.7	151
157		-	-	-	-	19.1	19.3	157
164		-	-	-	-	-	16.7	164
170		-	-	-	-	-	14.7	170
177		-	-	-	-	-	-	177



Working ranges main boom extension



Lifting capacities main boom extension

308,700 lb



360°

85%

183.7 ft Main boom

Radius ft	Extension												Radius ft			
	19.7 ft			39.3 ft			59.0 ft			78.7 ft				98.4 ft		
	0°	0°	20°	40°*	0°	20°	40°*	0°	20°	40°*	0°	20°		40°*		
	1,000 lb															
39	107.2	-	-	-	-	-	-	-	-	-	-	-	-	39		
46	97.3	82.6	-	-	68.5	-	-	-	-	-	-	-	-	46		
52	89.6	76.1	-	-	63.8	-	-	55.6	-	-	-	-	-	52		
59	82.0	69.4	59.7	-	59.1	-	-	51.6	-	-	45.0	-	-	59		
65	76.2	64.4	56.7	49.5	55.2	43.8	-	48.3	-	-	42.1	-	-	65		
72	70.0	59.2	53.2	47.2	51.2	41.7	-	45.0	-	-	39.3	-	-	72		
79	64.8	54.7	49.9	45.1	47.7	39.6	34.1	42.0	33.2	-	36.7	-	-	79		
85	60.8	51.3	47.3	43.3	44.8	38.0	33.1	39.5	31.8	-	34.7	-	-	85		
92	56.8	48.0	44.4	41.1	42.0	36.1	31.9	37.2	30.1	-	32.5	25.5	-	92		
98	53.5	45.3	42.2	39.3	39.6	34.7	30.9	35.1	28.9	24.9	30.7	24.5	-	98		
105	50.0	42.5	39.9	37.2	37.4	33.0	29.7	33.2	27.7	24.0	29.0	23.3	-	105		
111	47.2	40.3	38.0	35.6	35.4	31.6	28.7	31.4	26.5	23.4	27.6	22.5	19.4	111		
118	44.3	37.9	35.9	33.9	33.5	30.0	27.5	29.7	25.3	22.7	26.0	21.6	18.7	118		
124	41.9	35.9	34.3	32.3	31.9	28.7	26.7	28.3	24.5	22.1	24.8	20.8	18.1	124		
131	39.3	34.0	32.4	30.7	30.0	27.5	25.8	26.9	23.4	21.4	23.6	19.8	17.4	131		
138	36.9	31.9	30.8	29.0	28.3	26.2	24.8	25.5	22.4	20.4	22.2	18.9	16.7	138		
144	35.1	30.3	29.6	28.0	27.1	25.1	24.0	24.3	21.6	19.8	21.2	18.3	16.3	144		
151	33.0	28.6	28.2	26.6	25.5	24.0	23.1	22.9	20.7	19.1	20.2	17.4	15.6	151		
157	31.6	27.4	26.9	25.6	24.5	23.2	22.5	21.9	20.1	18.7	19.2	16.8	15.2	157		
164	29.9	25.8	25.5	-	23.1	22.0	21.6	20.7	19.1	18.0	18.3	16.0	14.7	164		
177	27.3	23.6	23.3	-	20.9	20.3	20.0	18.5	17.8	16.7	16.5	14.7	13.9	177		
190	-	21.6	21.4	-	19.0	18.5	-	16.7	16.3	15.6	14.8	13.4	13.0	190		
203	-	19.8	-	-	17.2	16.8	-	15.0	15.0	-	13.2	12.1	12.1	203		
216	-	-	-	-	15.7	15.2	-	13.5	13.5	-	11.9	11.0	11.2	216		
229	-	-	-	-	-	-	-	12.1	12.1	-	10.4	9.9	-	229		
243	-	-	-	-	-	-	-	10.7	-	-	9.0	8.5	-	243		
256	-	-	-	-	-	-	-	-	-	-	7.7	7.4	-	256		

88,200 lb



360°

85%

183.7 ft Main boom

Radius ft	Extension												Radius ft			
	19.7 ft			39.3 ft			59.0 ft			78.7 ft				98.4 ft		
	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°		40°		
	1,000 lb															
39	107.2	-	-	-	-	-	-	-	-	-	-	-	-	39		
46	97.2	82.6	-	-	68.5	-	-	-	-	-	-	-	-	46		
52	82.7	76.1	-	-	63.8	-	-	55.6	-	-	-	-	-	52		
59	65.1	63.8	59.7	-	59.1	-	-	51.6	-	-	45.0	-	-	59		
65	53.8	52.5	56.7	49.5	51.6	43.8	-	48.3	-	-	42.1	-	-	65		
72	43.2	42.1	47.8	47.2	41.9	41.7	-	41.6	-	-	39.3	-	-	72		
79	35.0	33.9	39.1	43.5	33.9	39.5	34.1	33.9	33.2	-	34.1	-	-	79		
85	29.1	28.2	32.9	36.9	28.2	35.2	33.1	28.2	31.8	-	28.7	-	-	85		
92	23.4	22.8	27.0	30.3	22.8	29.0	31.9	23.0	30.1	-	23.5	25.5	-	92		
98	19.2	18.8	22.5	25.6	19.0	24.5	29.4	19.2	26.4	24.9	19.6	24.5	-	98		
105	15.2	14.9	18.2	20.9	14.9	20.2	24.6	15.2	22.0	24.0	15.8	23.3	-	105		
111	12.1	11.9	15.0	17.3	12.1	16.8	21.0	12.3	18.8	23.4	13.0	20.7	19.4	111		
118	9.0	8.6	11.5	13.5	9.3	13.5	17.2	9.5	15.2	20.5	10.1	17.2	18.7	118		
124	6.6	6.4	8.8	10.6	7.0	11.0	14.4	7.3	12.6	17.5	7.9	14.6	18.1	124		
131	-	-	6.2	7.8	4.7	8.4	11.1	5.1	10.0	14.4	5.8	11.9	17.4	131		
138	-	-	-	5.2	-	6.1	8.5	-	7.6	11.6	-	9.4	14.6	138		
144	-	-	-	-	-	-	6.3	-	5.8	9.3	-	7.6	12.4	144		
151	-	-	-	-	-	-	-	-	-	7.2	-	5.7	10.1	151		
157	-	-	-	-	-	-	-	-	-	5.4	-	-	8.1	157		
164	-	-	-	-	-	-	-	-	-	-	-	-	6.1	164		
177	-	-	-	-	-	-	-	-	-	-	-	-	-	177		

Remarks

Remarks page 15

* 264,600 lb counterweight
** 352,800 lb counterweight

* 407,900 lb counterweight
** SSL 30°

Lifting capacities main boom extension with SSL 0°

352,800 lb 

 360°

85%

183.7 ft Main boom		Extension																Radius	
Radius ft	19.6 ft	39.3 ft				59.0 ft				78.7 ft				98.4 ft				Radius ft	
	0°	0°**	0°	20°	40°	0°**	0°	20°	40°	0°**	0°	20°	40°	0°**	0°	20°	40°		
		1,000 lb																	
29	110.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
33	110.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
39	110.2	108.1	100.8	-	-	92.5	82.4	-	-	-	-	-	-	-	-	-	-	-	39
46	110.2	104.6	99.4	-	-	88.1	81.7	-	-	72.6	66.7	-	-	63.0	55.3	-	-	-	46
52	110.2	101.4	97.7	85.2	-	84.5	80.7	-	-	67.8	64.1	-	-	58.7	53.2	-	-	-	52
59	110.2	97.2	95.4	82.2	67.9	80.2	79.1	59.1	-	62.8	61.0	-	-	54.2	50.9	-	-	-	59
65	107.8	93.4	93.0	79.4	65.9	76.6	77.5	56.6	-	59.0	58.6	-	-	50.8	49.1	-	-	-	65
72	104.7	88.7	90.2	76.3	63.5	72.6	75.2	54.0	-	54.9	55.8	39.2	-	47.2	46.7	-	-	-	72
79	101.7	84.0	86.9	73.0	61.4	68.8	72.6	51.7	41.1	51.4	53.0	37.8	-	44.2	44.6	-	-	-	79
85	98.9	80.0	83.9	70.2	59.6	65.6	70.2	49.9	40.1	48.8	50.8	36.4	-	41.7	43.0	30.9	-	-	85
92	95.6	75.3	80.6	66.9	57.7	62.1	67.1	47.8	39.2	46.0	48.4	35.2	28.8	39.2	40.9	29.7	-	-	92
98	92.5	71.4	77.5	64.3	56.3	59.2	64.7	46.1	38.2	43.8	46.2	34.0	28.2	37.3	39.3	28.7	-	-	98
105	89.0*	67.2	74.2	61.2	54.6	56.2	61.7	44.5	37.4	41.8	44.0	33.0	27.5	35.4	37.4	27.5	22.2	-	105
111	84.6*	63.6	71.2	58.8	53.2	53.5	59.3	43.1	36.6	40.0	42.2	32.0	27.1	33.8	36.0	26.7	21.8	-	111
118	77.5*	60.0	68.1	56.4	51.8	50.7	56.7	41.6	35.9	38.3	40.3	31.1	26.6	32.4	34.4	25.8	21.1	-	118
124	72.0*	56.9	65.5	54.4	50.6	48.5	54.2	40.4	35.1	36.9	38.7	30.2	26.0	31.2	33.0	25.0	20.7	-	124
131	66.3*	53.8*	62.7	52.5	49.2	46.1	51.8	39.2	34.4	35.3	37.0	29.5	25.5	29.8	31.5	24.2	20.2	-	131
138	60.9*	50.8*	59.8	50.6	48.0	44.0	49.5	38.1	33.9	33.9	35.4	28.6	25.3	28.6	30.1	23.5	19.8	-	138
144	56.9*	48.6*	56.8	49.4	47.2	42.2	47.5	37.3	33.3	32.9	34.4	28.0	24.9	27.6	29.1	22.9	19.4	-	144
151	52.6*	45.8*	52.6	47.8	46.2	40.3	45.3	36.3	32.8	31.5	33.0	27.3	24.4	26.4	27.9	22.2	18.9	-	151
157	49.4*	43.8*	49.2	46.8*	45.4	38.7	43.9	35.5	32.6	30.7	32.2	26.7	24.2	25.6	26.9	21.6	18.7	-	157
164	45.6*	41.4*	45.6	45.6*	-	37.0	42.1	34.6	32.1	29.5	31.0	26.2	23.8	24.6	26.0	21.1	18.3	-	164
177	38.0*	37.3*	39.7	40.6*	-	33.9*	39.0	33.3	31.7	27.5	29.5	25.1	23.3	22.9	24.4	20.0	17.8	-	177
190	-	33.3*	33.4	35.1*	-	31.1*	35.3	32.4	-	25.8	28.0	24.2	22.9	21.6	23.1	19.2	17.2	-	190
203	-	-	25.6	-	-	28.1*	30.1	31.7*	-	24.3	26.9	23.3	-	20.3	22.0	18.3	16.9	-	203
216	-	-	-	-	-	23.9*	24.0	26.4*	-	22.5*	25.8	22.7	-	19.0	20.9	17.6	16.7	-	216
229	-	-	-	-	-	-	-	-	-	21.0*	22.4	22.2	-	17.9	19.9	17.0	-	-	229
243	-	-	-	-	-	-	-	-	-	-	-	-	-	16.7	18.9	16.7	-	-	243
256	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2	15.1	16.5	-	-	256

3

220,500 lb 

 360°

85%

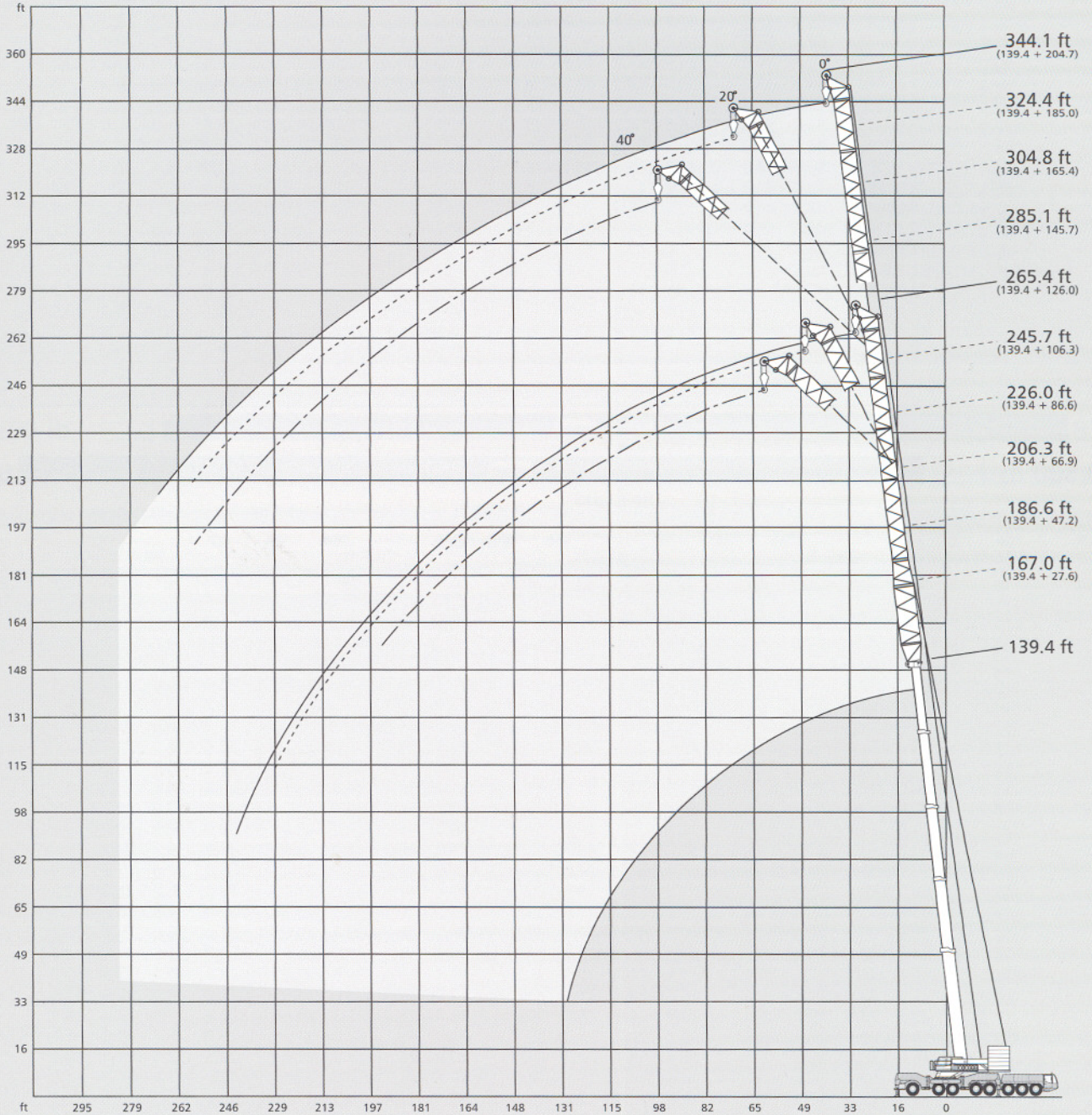
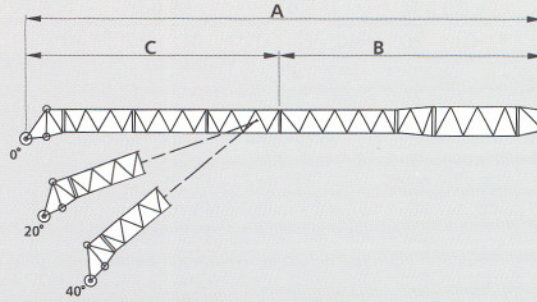
183.7 ft Main boom		Extension																Radius	
Radius ft	19.6 ft	39.3 ft				59.0 ft				78.7 ft				98.4 ft				Radius ft	
	0°	0°**	0°	20°	40°	0°**	0°	20°	40°	0°**	0°	20°	40°	0°**	0°	20°	40°		
		1,000 lb																	
29	110.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29
33	110.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
39	110.2	108.1	100.8	-	-	92.5	82.4	-	-	-	-	-	-	-	-	-	-	-	39
46	110.2	104.6	99.4	-	-	88.1	81.7	-	-	72.6	66.7	-	-	63.0	55.3	-	-	-	46
52	110.2	101.4	97.7	85.2	-	84.5	80.7	-	-	67.8	64.1	-	-	58.7	53.2	-	-	-	52
59	110.2	97.2	95.4	82.2	67.9	80.2	79.1	59.1	-	62.8	61.0	-	-	54.2	50.9	-	-	-	59
65	107.8	93.4	93.0	79.4	65.9	76.6	77.5	56.6	-	59.0	58.6	-	-	50.8	49.1	-	-	-	65
72	104.7	88.7	90.2	76.3	63.5	72.6	75.2	54.0	-	54.9	55.8	39.2	-	47.2	46.7	-	-	-	72
79	93.0	84.0	86.8	73.0	61.4	68.8	72.6	51.7	41.1	51.4	53.0	37.8	-	44.2	44.6	-	-	-	79
85	81.9	80.0	82.0	70.2	59.6	65.6	70.2	49.9	40.1	48.8	50.8	36.4	-	41.7	43.0	30.9	-	-	85
92	71.0	71.4	71.4	66.9	57.7	62.1	67.1	47.8	39.2	46.0	48.4	35.2	28.8	39.2	40.9	29.7	-	-	92
98	63.3	63.8	63.8	64.3	56.3	59.2	64.7	46.1	38.2	43.8	46.2	34.0	28.2	37.3	39.3	28.7	-	-	98
105	55.5	55.9	55.9	59.5	54.6	56.2	57.3	44.5	37.4	41.8	44.0	33.0	27.5	35.4	37.4	27.5	22.2	-	105
111	49.7	50.1	50.1	53.4	53.2	51.3	51.4	43.1	36.6	40.0	42.2	32.0	27.1	33.8	36.0	26.7	21.8	-	111
118	43.5	43.9	43.9	47.2	49.4	45.2	45.2	41.6	35.9	38.3	40.3	31.1	26.6	32.4	34.4	25.8	21.1	-	118
124	39.0	39.3	39.3	42.4	44.6	40.6	40.6	40.4	35.1	36.9	38.7	30.2	26.0	31.2	33.0	25.0	20.7	-	124
131	34.1	34.5	34.5	37.4	39.2	35.8	35.8	39.2	34.4	35.3	37.0	29.5	25.5	29.8	31.5	24.2	20.2	-	131
138	30.0	30.3	30.3	32.7	34.4	31.6	31.6	35.5	33.9	33.1	33.1	28.6	25.3	28.6	30.1	23.5	19.8	-	138
144	26.8	27.0	27.0	29.3	30.6	28.4	28.4	31.9	33.3	29.9	29.9	28.0	24.9	27.6	29.1	22.9	19.4	-	144
151	23.3	23.5	23.5	25.7	26.8	24.8	24.8	28.1	30.6	26.4	26.4	27.3	24.4	26.4	27.9	22.2	18.9	-	151
157	20.7	20.9	20.9	22.9	23.8	22.2	22.2	25.3	27.5	23.8	23.8	26.7	24.2	25.2	25.3	21.6	18.7	-	157
164	17.8	18.0	18.0	19.8	-	19.4	19.4	22.2	24.0	20.9	20.9	24.7	23.8	22.5	22.5	21.1	18.3	-	164
177	13.5	13.7	13.7	14.8	-	14.8	14.8	17.2	18.5	16.1	16.1	19.6	22.0	17.7	17.7	20.0	17.8	-	177
190	-	9.7	9.7	10.6	-	11.1	11.1	12.8	-	12.4	12.4	15.3	17.0	13.7	13.7	17.6	17.2	-	190
203	-	-	6.4	-	-	7.8	7.8	9.1	-	9.1	9.1	11.3	-	10.4	10.4	13.7	15.9	-	203
216	-	-	-	-	-	4.9	4.9	6.0	-	6.2	6.2	8.0	-	7.4	7.4	10.2	12.0	-	216
229	-	-	-	-	-	-	-	-	-	-	-	5.2	-	4.9	4.9	7.2	-	-	229

Working ranges fixed fly jib

Offset fixed fly jib

A	B	C 0°/20°/40°
86.6 ft	48.9 ft	37.7 ft
106.3 ft	48.9 ft	57.4 ft
126.0 ft	68.6 ft	57.4 ft
145.7 ft	68.6 ft	77.0 ft
165.4 ft	88.2 ft	77.0 ft
185.0 ft	88.2 ft	96.8 ft
204.7 ft	107.9 ft	96.8 ft

(27.6 ft + 47.2 ft + 66.9 ft only 0°)



Lifting capacities fixed fly jib

360°

85%

139.4 ft Main boom		Fly jib																			
		27.6 ft			47.2 ft			66.9 ft			86.6 ft			106.3 ft			126.0 ft				
Radius		0°			0°			0°			0° 20° 40°			0° 20° 40°			0° 20° 40°			Radius	
ft		1,000 lb																		ft	
33	172.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33
39	153.4	138.7	-	107.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39
46	135.0	122.2	-	100.9	96.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
52	122.0	110.5	-	95.0	89.2	-	-	-	77.0	-	-	-	-	-	-	67.3	-	-	-	-	52
59	109.2	98.6	-	88.2	81.1	68.3	-	-	72.1	-	-	-	-	-	-	63.0	-	-	-	-	59
65	100.1	90.1	-	82.7	75.1	65.5	56.8	-	67.8	50.4	-	-	-	-	-	59.8	-	-	-	-	65
72	91.2	81.7	-	76.6	68.7	62.2	54.7	-	63.1	47.9	-	-	-	-	-	56.0	46.3	-	-	-	72
79	83.7	74.9	-	70.7	63.0	58.9	52.6	-	58.9	45.5	39.4	-	-	-	-	52.5	43.7	-	-	-	79
85	78.1	69.7	-	66.1	58.8	55.9	51.0	-	55.3	43.7	38.2	-	-	-	-	49.7	41.7	38.2	-	-	85
92	72.2	64.5	-	60.9	54.5	52.8	48.6	-	51.2	41.6	37.0	-	-	-	-	46.4	39.6	36.5	-	-	92
98	67.7	60.4	-	56.9	51.1	50.0	46.8	-	48.0	39.7	35.8	-	-	-	-	43.8	37.8	35.3	-	-	98
105	63.0	56.2	-	49.6	47.8	46.9	44.7	-	44.7	37.9	34.6	-	-	-	-	41.2	35.9	33.9	-	-	105
111	59.2	52.7	-	46.5	45.0	44.3	42.9	-	41.9	36.3	33.4	-	-	-	-	38.8	34.5	32.7	-	-	111
118	55.6	49.2	-	43.7	42.1	41.7	40.8	-	39.0	34.6	32.2	-	-	-	-	36.4	32.8	31.5	-	-	118
124	52.3	46.3	-	41.3	39.7	39.4	38.9	-	36.6	33.2	31.2	-	-	-	-	34.2	31.6	30.5	-	-	124
131	49.0	43.7	-	38.9	37.3	37.1	36.8	-	34.2	31.5	30.0	-	-	-	-	32.2	30.2	29.3	-	-	131
138	45.9	40.9	-	37.3	34.9	34.7	34.9	-	32.1	29.9	28.8	-	-	-	-	30.1	28.8	28.1	-	-	138
144	43.5	39.1	-	35.4	33.3	33.1	33.3	-	30.5	28.7	27.8	-	-	-	-	28.5	27.8	27.1	-	-	144
151	40.7	37.0	-	34.0	31.2	31.2	31.5	-	28.6	27.3	26.6	-	-	-	-	26.8	26.4	26.0	-	-	151
157	38.1	35.4	-	32.4	29.8	29.8	30.0	-	27.4	26.1	25.6	-	-	-	-	25.4	25.2	25.1	-	-	157
164	-	33.5	-	30.0	28.2	28.2	28.4	-	25.8	24.7	24.6	-	-	-	-	24.0	24.0	24.0	-	-	164
177	-	30.2	-	27.3	25.8	25.3	-	-	23.6	22.5	22.5	-	-	-	-	21.6	21.6	21.8	-	-	177
190	-	-	-	-	23.4	22.7	-	-	21.8	20.5	-	-	-	-	-	19.4	19.4	19.6	-	-	190
203	-	-	-	-	21.6	20.1	-	-	20.1	18.7	-	-	-	-	-	17.6	17.4	-	-	-	203
216	-	-	-	-	-	-	-	-	18.5	17.4	-	-	-	-	-	16.1	15.7	-	-	-	216
229	-	-	-	-	-	-	-	-	16.8	-	-	-	-	-	-	14.8	14.1	-	-	-	229
243	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-	-	-	243

		145.7 ft			165.4 ft			185.0 ft			204.7 ft				
ft		1,000 lb												ft	
59	55.8	-	-	48.0	-	-	-	-	-	-	-	-	-	-	59
65	52.5	-	-	45.0	-	-	-	39.9	-	-	-	-	-	-	65
72	49.0	-	-	41.9	-	-	-	37.1	-	-	-	-	-	-	72
79	45.7	-	-	38.9	-	-	-	34.5	-	-	-	-	-	-	79
85	43.3	33.7	-	36.7	31.3	-	-	32.5	-	-	-	-	-	-	85
92	40.5	32.6	-	34.3	29.7	-	-	30.3	-	-	-	-	-	-	92
98	38.2	31.3	-	32.3	28.5	-	-	28.5	23.8	-	-	-	-	-	98
105	35.9	30.2	26.2	30.4	27.3	25.7	-	26.8	22.7	-	-	-	-	-	105
111	34.1	29.3	26.0	29.0	26.1	24.7	-	25.2	21.8	-	-	-	-	-	111
118	32.0	28.2	25.5	27.3	24.9	23.6	-	23.8	20.9	-	-	-	-	-	118
124	30.3	27.4	25.1	25.9	23.9	22.6	-	22.6	20.1	19.4	-	-	-	-	124
131	28.7	26.2	24.4	24.7	22.9	21.6	-	21.2	19.4	18.5	-	-	-	-	131
138	27.0	25.3	24.0	23.5	21.7	20.4	-	20.0	18.4	17.8	-	-	-	-	138
144	25.8	24.5	23.4	22.5	20.9	19.8	-	19.2	17.8	17.0	-	-	-	-	144
151	24.2	23.5	22.6	21.3	20.0	18.9	-	18.0	16.9	16.3	-	-	-	-	151
157	23.2	22.7	21.8	20.5	19.4	18.1	-	17.2	16.3	15.7	-	-	-	-	157
164	21.8	21.6	21.1	19.6	18.5	17.4	-	16.3	15.6	14.9	-	-	-	-	164
177	19.6	19.8	19.4	17.8	16.9	15.8	-	14.7	14.3	13.6	-	-	-	-	177
190	17.8	18.1	17.8	16.1	15.4	14.5	-	13.2	13.0	12.5	-	-	-	-	190
203	16.1	16.3	16.3	14.5	13.9	13.4	-	11.9	11.9	11.4	-	-	-	-	203
216	14.4	14.6	14.8	13.0	12.6	12.1	-	10.8	10.6	10.4	-	-	-	-	216
229	13.0	12.8	-	11.5	11.0	11.0	-	9.5	9.3	9.3	-	-	-	-	229
243	11.4	11.4	-	9.8	9.6	-	-	8.3	8.1	8.3	-	-	-	-	243
256	10.1	10.1	-	8.5	8.5	-	-	7.0	7.0	-	-	-	-	-	256
269	8.8	-	-	7.0	7.4	-	-	5.7	6.1	-	-	-	-	-	269
282	-	-	-	5.5	-	-	-	4.4	-	-	-	-	-	-	282
295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	295

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight
Further counterweight configurations on request

4

Lifting capacities fixed fly jib



360°

85%

170.0 ft Main boom		Fly jib											
Radius ft	27.6 ft	47.2 ft	66.9 ft	86.6 ft			106.3 ft			126.0 ft			Radius ft
	0°	0°	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb													
39	113.5	-	-	-	-	-	-	-	-	-	-	-	39
46	101.5	85.0	72.6	-	-	-	-	-	-	-	-	-	46
52	92.6	78.5	67.4	57.4	-	-	50.7	-	-	-	-	-	52
59	83.8	71.9	61.9	52.9	-	-	46.7	-	-	40.5	-	-	59
65	77.6	66.6	57.7	49.3	43.0	-	43.5	-	-	37.9	-	-	65
72	71.3	61.4	53.2	45.5	40.1	37.0	39.9	33.7	-	35.1	-	-	72
79	65.9	56.7	49.2	42.2	37.3	34.9	36.9	31.6	-	32.5	27.7	-	79
85	62.1	53.3	46.4	39.5	35.3	33.1	34.7	29.8	27.1	30.3	26.5	-	85
92	58.1	49.5	43.3	36.9	33.0	31.4	32.1	27.9	25.5	28.1	25.1	23.7	92
98	54.9	46.7	40.9	34.7	31.4	29.8	30.3	26.5	24.1	26.5	23.8	22.5	98
105	51.5	43.8	38.5	32.6	29.5	28.2	28.2	25.1	22.9	24.6	22.4	21.1	105
111	48.5	41.4	36.5	31.0	27.9	26.8	26.6	23.9	21.7	23.2	21.2	20.1	111
118	45.4	39.0	34.6	29.1	26.4	25.3	25.1	22.5	20.7	21.8	19.8	19.1	118
124	43.0	36.8	33.0	27.7	25.0	24.1	23.7	21.4	19.7	20.6	18.8	18.1	124
131	40.2	34.6	31.3	26.2	23.8	22.9	22.5	20.5	18.7	19.2	17.6	17.2	131
138	37.6	32.7	29.7	24.8	22.6	21.5	21.1	19.3	17.8	18.0	16.5	16.2	138
144	35.8	31.1	28.5	23.6	21.6	20.7	20.1	18.5	17.2	17.2	15.7	15.6	144
151	33.4	29.3	27.1	22.4	20.7	19.6	18.9	17.8	16.5	16.3	14.5	14.7	151
157	31.8	28.0	26.0	21.4	19.9	18.8	18.1	17.0	15.9	15.4	13.9	14.1	157
164	30.2	26.6	24.9	20.2	19.1	18.0	17.2	16.3	15.2	14.5	13.0	13.4	164
177	27.5	24.2	22.9	18.5	17.6	16.5	15.4	14.7	14.1	13.0	11.7	12.1	177
190	-	22.1	21.4	17.0	16.3	-	14.1	13.4	13.2	11.7	10.4	11.0	190
203	-	20.3	19.8	15.6	14.8	-	12.8	12.3	12.1	10.6	9.5	9.9	203
216	-	-	18.5	14.5	13.2	-	11.7	11.2	-	9.5	8.6	8.6	216
229	-	-	-	13.5	11.5	-	10.6	10.4	-	8.4	7.7	-	229
243	-	-	-	12.5	-	-	9.9	9.4	-	7.4	6.8	-	243
256	-	-	-	-	-	-	9.0	-	-	6.3	5.7	-	256
269	-	-	-	-	-	-	-	-	-	-	4.6	-	269
282	-	-	-	-	-	-	-	-	-	-	-	-	282

ft	145.7 ft			165.4 ft			185.0 ft			204.7 ft			ft
	1,000 lb												
65	33.9	-	-	30.6	-	-	-	-	-	-	-	-	65
72	31.5	-	-	28.2	-	-	-	-	-	-	-	-	72
79	29.2	-	-	26.3	-	-	-	-	-	-	-	-	79
85	27.4	-	-	24.5	-	-	-	-	-	-	-	-	85
92	25.3	21.7	-	22.8	19.5	-	-	-	-	-	-	-	92
98	23.7	20.3	-	21.2	18.5	-	-	-	-	-	-	-	98
105	22.2	19.1	-	19.8	17.4	-	-	-	-	-	-	-	105
111	20.8	18.1	17.7	18.4	16.4	15.2	-	-	-	-	-	-	111
118	19.4	16.9	16.7	16.9	15.2	14.5	-	-	-	-	-	-	118
124	18.4	16.1	15.9	15.7	14.4	13.9	-	-	-	-	-	-	124
131	17.2	15.2	15.2	14.5	13.2	13.2	-	-	-	-	-	-	131
138	16.0	14.5	14.5	13.4	12.3	12.5	-	-	-	-	-	-	138
144	15.2	13.9	13.9	12.6	11.7	11.9	-	-	-	-	-	-	144
151	14.3	13.2	13.2	11.6	10.7	11.2	-	-	-	-	-	-	151
157	13.5	12.6	12.6	10.8	10.1	10.6	-	-	-	-	-	-	157
164	12.5	11.9	11.9	9.9	9.4	9.9	-	-	-	-	-	-	164
177	11.2	11.0	10.8	8.3	8.6	8.6	-	-	-	-	-	-	177
190	9.9	9.9	9.7	7.0	-	7.5	-	-	-	-	-	-	190
203	8.6	8.8	8.6	5.9	-	-	-	-	-	-	-	-	203
216	7.5	7.7	7.5	4.8	-	-	-	-	-	-	-	-	216
229	6.4	6.8	6.6	-	-	-	-	-	-	-	-	-	229
243	5.4	5.9	-	-	-	-	-	-	-	-	-	-	243
256	4.6	5.0	-	-	-	-	-	-	-	-	-	-	256

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

Lifting capacities fixed fly jib with SSL 0°

360°

85%

170.0 ft Main boom

Radius ft	27.6 ft		42.2 ft		66.9 ft		Fly jib				106.3 ft				Radius ft
	0°**	0°	0°**	0°	0°**	0°	0°**	0°	20°	40°	0°**	0°	20°	40°	
	1,000 lb														
33	179.0	151.4	-	-	-	-	-	-	-	-	-	-	-	-	33
39	166.7	145.8	-	-	127.3	96.0	-	73.8	-	-	-	-	-	-	39
46	153.3	139.0	146.6	121.7	115.8	93.2	96.9	73.8	-	-	-	80.6	61.4	-	46
52	142.4	133.4	124.8	111.9	107.2	90.6	90.2	73.0	-	-	-	75.3	60.6	-	52
59	130.8	126.8	114.7	106.5	97.9	87.1	83.1	71.4	63.3	-	-	70.1	59.3	-	59
65	121.5	121.3	106.8	101.8	91.0	84.0	77.9	69.6	59.8	51.3	-	65.9	57.7	47.6	65
72	111.3	115.2	98.5	96.4	83.9	80.1	72.2	66.8	56.0	48.7	-	61.4	55.8	45.0	72
79	102.2	109.3	90.8	91.3	77.6	76.1	67.0	63.8	52.8	46.4	-	57.4	53.4	42.4	79
85	95.1	104.5	84.9	87.0	72.9	72.7	63.2	60.9	50.1	44.6	-	54.1	51.4	40.4	85
92	87.3	99.0	78.8	82.1	68.0	68.9	59.0	57.4	47.3	42.5	-	50.8	48.6	38.3	92
98	81.5	94.0	73.7	78.1	64.2	65.5	55.9	54.4	45.3	40.9	-	48.2	46.4	36.5	98
111	70.3	79.3	64.5	70.4	57.1	58.9	50.0	47.8	41.1	37.6	-	43.4	41.4	32.9	111
124	61.1	66.5	56.6	63.8	51.0	53.2	45.0	42.1	37.6	34.7	-	39.2	36.6	29.9	124
138	53.0	55.6	49.5	56.7	45.1	48.0	40.5	37.4	34.5	32.1	-	35.4	32.3	27.0	138
151	46.9	47.3	44.0	48.4	40.5	44.2	36.7	34.1	31.9	29.9	-	32.3	29.0	24.6	151
164	40.5	40.5	39.2	41.6	36.3	41.0	33.3	31.5	29.5	28.0	-	29.5	26.6	22.9	164
177	32.7	32.7	35.1	35.7	32.8	38.3	30.4	29.7	27.5	26.2	-	27.1	24.7	21.4	177
190	-	-	29.2	29.2	29.6	34.2	27.6	28.2	25.8	-	-	24.7	22.9	20.0	190
203	-	-	20.5	20.5	26.7	28.6	24.9	26.9	24.0	-	-	22.5	21.8	19.2	203
216	-	-	-	-	22.0	22.1	22.5	25.2	22.5	-	-	20.5	20.7	18.3	216
229	-	-	-	-	-	-	19.7	19.9	19.7	-	-	18.6	19.6	17.4	229
243	-	-	-	-	-	-	12.6	12.6	-	-	-	16.4	17.7	16.7	243
256	-	-	-	-	-	-	-	-	-	-	-	12.5	12.5	-	256

ft	126.0 ft				145.7 ft				165.4 ft				ft		
	0°**	0°	20°	40°	0°**	0°	20°	40°	0°**	0°	20°	40°			
	1,000 lb														
52	66.4	51.4	-	-	-	40.8	-	-	-	-	-	-	52		
59	61.9	50.7	-	-	54.2	40.3	-	-	-	-	-	47.6	35.9	-	59
65	58.3	49.7	-	-	51.2	39.9	-	-	-	-	-	45.2	35.5	-	65
72	54.5	48.3	40.8	-	47.9	39.0	-	-	-	-	-	42.8	34.6	-	72
79	51.0	46.6	38.7	-	44.8	38.0	-	-	-	-	-	40.2	33.6	-	79
85	48.2	45.0	36.6	31.8	42.4	36.8	29.8	-	-	-	-	38.2	32.6	28.0	85
92	45.1	42.9	34.7	30.4	39.8	35.4	28.6	-	-	-	-	36.1	31.4	26.4	92
98	42.7	40.9	32.9	29.3	37.8	34.2	27.4	-	-	-	-	34.3	30.2	25.2	98
111	38.3	36.5	29.8	27.0	33.6	31.2	25.2	21.8	-	-	-	30.5	27.6	22.5	111
124	34.3	32.4	27.0	25.0	30.3	28.1	23.0	20.3	-	-	-	27.2	24.8	20.3	124
138	31.0	28.1	24.2	22.9	27.0	24.6	20.6	18.9	-	-	-	23.9	21.7	18.2	138
151	28.2	24.8	22.2	21.1	24.6	21.8	18.9	17.6	-	-	-	21.5	19.1	16.3	151
164	25.8	22.2	20.2	19.4	22.2	19.4	17.4	16.3	-	-	-	19.1	16.7	14.7	164
177	23.6	20.3	18.7	17.8	20.3	17.4	15.8	15.2	-	-	-	17.2	14.7	13.4	177
190	21.6	18.7	17.4	16.5	18.5	15.9	14.5	14.3	-	-	-	15.6	13.0	12.1	190
203	19.8	17.6	16.1	15.2	17.0	14.5	13.6	13.2	-	-	-	14.1	11.7	11.0	203
216	18.1	16.7	15.0	14.1	15.4	13.4	12.6	12.3	-	-	-	13.0	10.6	10.1	216
229	16.6	15.9	13.9	-	14.1	12.6	11.9	11.5	-	-	-	11.9	9.7	9.3	229
243	14.9	14.9	12.9	-	12.9	11.8	11.0	-	-	-	-	10.7	8.8	8.5	243
256	13.4	14.1	11.8	-	11.6	11.2	10.3	-	-	-	-	9.9	8.1	7.9	256
269	11.2	11.2	-	-	10.5	10.5	9.7	-	-	-	-	9.0	7.4	7.0	269
282	-	-	-	-	9.4	9.9	9.0	-	-	-	-	8.1	7.0	6.4	282
295	-	-	-	-	6.2	6.2	-	-	-	-	-	7.2	6.4	5.5	295
308	-	-	-	-	-	-	-	-	-	-	-	5.1	5.1	-	308
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	328

Remarks

Counterweight 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

** SSL 30°

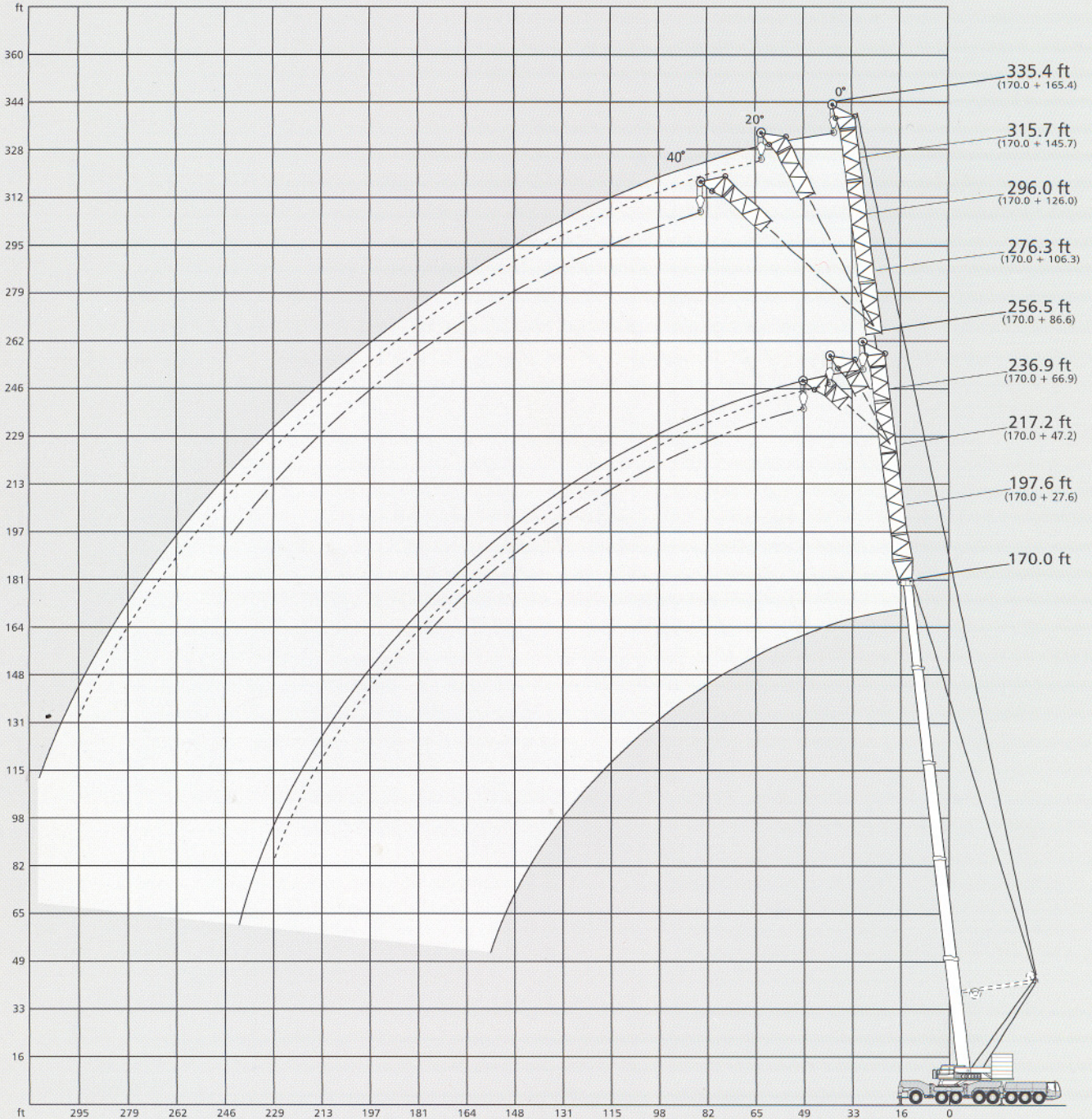
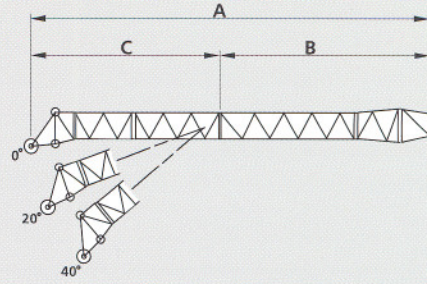
4

Working ranges fixed fly jib

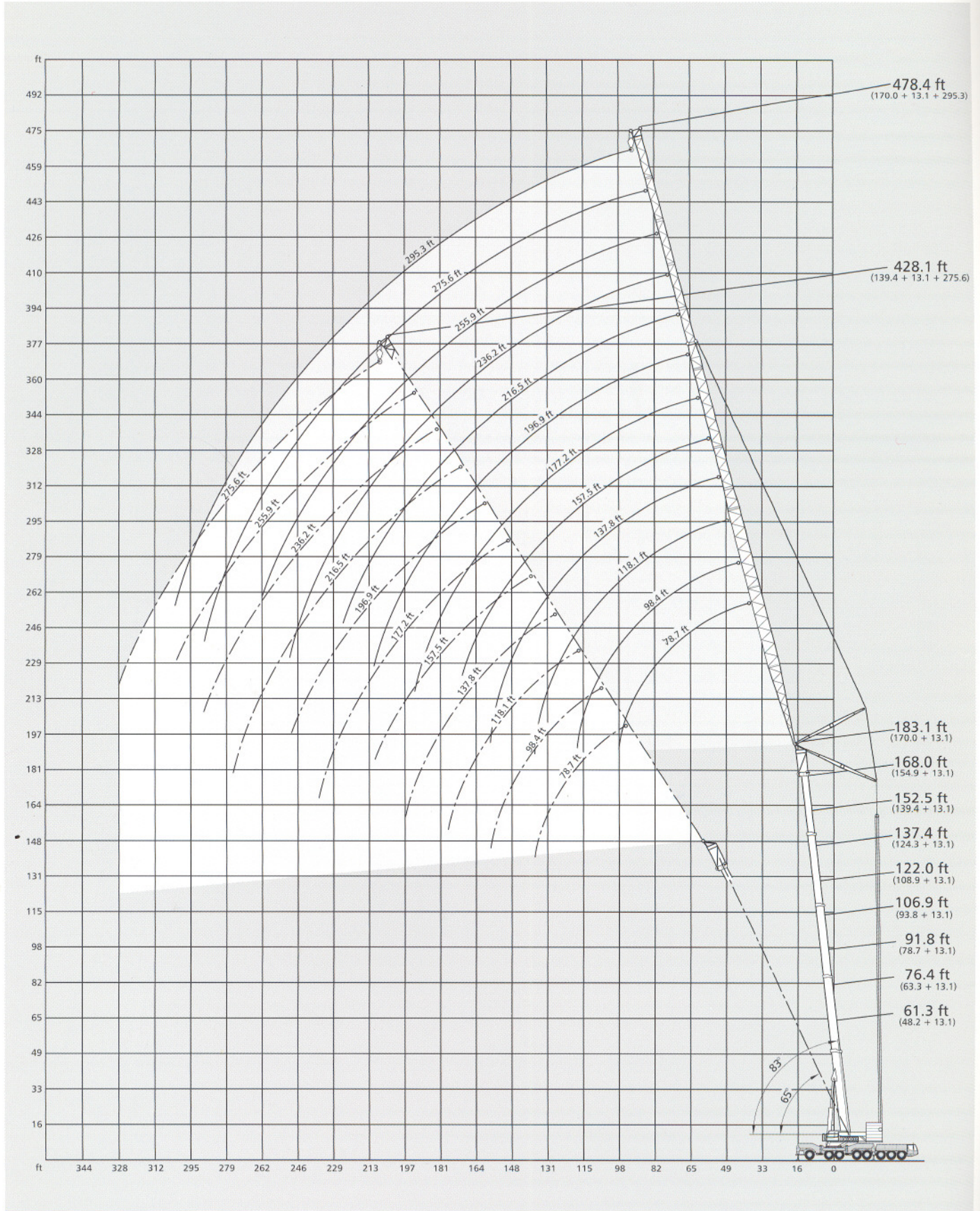
Offset fixed fly jib

A	B	C 0° / 20° / 40°
86.6 ft	48.9 ft	37.7 ft
106.3 ft	48.9 ft	57.4 ft
126.0 ft	68.6 ft	57.4 ft
145.7 ft	68.6 ft	77.0 ft
165.4 ft	88.2 ft	77.0 ft

(27.6 ft + 47.2 ft + 66.9 ft only 0°)



Working ranges luffing fly jib, main boom 83° to 65°



Lifting capacities luffing fly jib, main boom 83° to 65°

360° **DIN/ISO**

61.3 ft* Main boom		Fly jib															Radius ft			
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft				177.2 ft		
Radius ft		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°		83°	73°	65°
1,000 lb																				
46		224.7	-	-	203.8	-	-	173.0	-	-	-	-	-	-	-	-	-	-	-	-
52		213.5	-	-	195.7	-	-	171.0	-	-	143.0	-	-	-	-	-	-	-	-	-
59		199.6	-	-	185.2	-	-	167.5	-	-	142.1	-	-	110.2	-	-	-	-	-	-
65		187.5	181.3	-	176.3	-	-	165.5	-	-	141.0	-	-	110.2	-	-	99.2	-	-	-
72		168.0	162.5	-	165.6	160.2	-	156.7	-	-	140.0	-	-	110.2	-	-	99.2	-	-	-
79		151.4	146.0	-	150.4	144.9	-	148.3	142.8	-	136.4	-	-	110.1	-	-	99.2	-	-	-
85		134.3	134.9	130.6	139.4	133.8	-	137.3	131.7	-	131.3	128.2	-	109.1	-	-	99.2	-	-	-
92		-	123.2	119.9	127.6	122.1	118.8	125.4	119.9	-	125.4	119.9	-	106.8	-	-	99.1	-	-	-
98		-	-	111.9	118.5	114.1	109.8	116.4	111.9	108.5	116.4	111.9	-	104.8	109.1	-	98.1	-	-	-
105		-	-	-	-	104.7	101.4	108.0	103.6	100.2	108.0	102.5	-	101.4	102.5	-	97.0	95.8	-	-
111		-	-	-	-	98.6	95.3	98.9	96.5	93.2	100.9	96.4	93.0	99.3	96.4	-	95.9	93.8	-	-
118		-	-	-	-	-	89.3	81.8	90.4	87.1	93.8	89.4	87.1	93.7	89.4	-	92.6	88.2	-	-
124		-	-	-	-	-	-	-	85.3	82.2	88.7	84.3	82.1	88.6	84.4	81.1	86.6	83.2	-	-
131		-	-	-	-	-	-	-	79.5	77.3	78.6	79.5	76.2	82.8	79.5	76.2	81.7	77.3	73.9	-
138		-	-	-	-	-	-	-	72.6	-	65.7	74.8	71.5	78.0	74.8	71.5	75.9	72.6	70.4	-
144		-	-	-	-	-	-	-	-	-	-	70.7	68.5	73.0	70.7	67.4	72.9	68.5	66.3	-
151		-	-	-	-	-	-	-	-	-	-	67.2	65.0	63.3	66.1	64.5	68.3	65.4	62.7	-
157		-	-	-	-	-	-	-	-	-	-	-	62.1	54.3	63.8	61.5	65.6	62.4	59.9	-
164		-	-	-	-	-	-	-	-	-	-	-	-	-	60.6	58.2	58.6	59.1	56.6	-
170		-	-	-	-	-	-	-	-	-	-	-	-	-	58.0	55.8	51.6	56.4	54.0	-
177		-	-	-	-	-	-	-	-	-	-	-	-	-	-	52.9	43.2	53.6	51.4	-
184		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.0	48.8	-
190		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.8	-
197		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.7	-
210		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
		1,000 lb																		
ft		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
72		84.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79		84.8	-	-	72.7	-	-	62.8	-	-	-	-	-	-	-	-	-	-	-	-
85		84.8	-	-	72.7	-	-	62.6	-	-	51.8	-	-	-	-	-	-	-	-	-
92		84.8	-	-	71.6	-	-	62.3	-	-	51.3	-	-	41.6	-	-	-	-	-	-
98		84.8	-	-	71.6	-	-	61.9	-	-	50.9	-	-	41.0	-	-	33.3	-	-	-
105		84.8	-	-	71.6	-	-	61.7	-	-	50.4	-	-	40.3	-	-	32.8	-	-	-
111		84.8	80.5	-	70.6	-	-	61.5	-	-	50.0	-	-	39.7	-	-	32.4	-	-	-
118		84.8	79.3	-	70.5	-	-	61.0	-	-	49.6	-	-	39.2	-	-	31.9	-	-	-
124		84.8	79.3	-	70.5	67.4	-	60.8	-	-	49.2	-	-	38.6	-	-	31.5	-	-	-
131		80.6	76.1	-	69.4	67.2	-	60.2	59.0	-	48.5	-	-	37.9	-	-	30.8	-	-	-
138		75.9	71.5	-	69.4	67.2	-	59.7	59.0	-	48.0	49.5	-	37.2	-	-	30.4	-	-	-
144		71.8	68.5	65.8	68.4	66.1	-	59.3	59.0	-	47.4	48.9	-	36.6	-	-	29.7	-	-	-
151		68.3	64.7	62.1	66.1	63.0	-	58.8	59.0	-	46.7	48.2	-	35.9	37.6	-	29.3	-	-	-
157		65.0	61.5	59.1	63.3	59.7	57.3	58.2	57.8	-	46.1	47.6	-	35.3	36.8	-	28.7	30.0	-	-
164		61.5	58.2	55.7	59.7	56.4	54.0	57.7	54.6	-	45.4	46.9	-	34.6	35.7	-	28.2	29.3	-	-
170		58.7	55.6	53.3	56.9	53.8	51.4	55.3	52.0	49.6	44.6	46.1	-	34.0	34.9	-	27.6	28.7	-	-
177		54.7	52.7	50.5	54.0	50.9	48.7	52.3	49.2	46.8	43.6	45.4	46.1	33.3	34.1	-	27.1	28.0	-	-
184		48.2	50.1	48.1	51.2	48.4	46.2	49.5	46.6	44.2	42.9	44.7	44.0	32.6	33.2	-	26.4	27.3	-	-
190		42.6	48.1	46.1	49.0	46.1	44.1	47.4	44.4	42.2	42.1	44.1	41.9	31.9	32.6	33.7	26.0	26.9	-	-
197		35.7	46.0	43.8	44.2	44.0	42.0	45.1	42.2	40.0	40.9	41.8	39.6	31.2	31.9	32.8	25.3	26.2	-	-
210		-	-	40.3	33.9	40.3	38.3	39.8	38.3	36.3	39.0	38.1	35.9	29.9	30.4	31.5	24.2	25.1	26.2	-
223		-	-	-	-	36.8	35.0	31.3	35.0	33.3	35.9	34.6	32.8	28.6	29.3	30.2	23.1	24.0	24.9	-
236		-	-	-	-	-	-	32.2	30.4	30.4	30.0	31.7	30.0	27.1	28.2	28.9	22.0	22.9	24.0	-
249		-	-	-	-	-	-	-	27.8	22.6	29.1	27.4	25.4	27.3	27.1	21.1	22.0	22.9	-	-
262		-	-	-	-	-	-	-	-	-	26.7	25.2	21.9	26.4	24.7	20.3	21.1	22.0	-	-
275		-	-	-	-	-	-	-	-	-	-	-	-	24.3	22.7	19.4	20.5	21.2	-	-
289		-	-	-	-	-	-	-	-	-	-	-	-	-	20.6	14.4	19.6	19.8	-	-
302		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.5	18.2	-	-
315		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight Further counterweight configurations on request

76.4 ft* Main boom

Radius ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																			
46	220.3	-	-	196.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
52	209.3	-	-	189.1	-	-	160.9	-	-	-	-	-	-	-	-	-	-	-	52
59	196.3	-	-	180.8	-	-	159.8	-	-	133.3	-	-	106.9	-	-	-	-	-	59
65	185.3	-	-	172.7	-	-	158.7	-	-	133.3	-	-	106.9	-	-	92.5	-	-	65
72	165.8	158.0	-	163.3	151.3	-	154.4	-	-	132.3	-	-	106.9	-	-	92.5	-	-	72
79	150.4	142.7	-	149.3	140.6	-	147.1	-	-	131.0	-	-	106.9	-	-	92.5	-	-	79
85	138.4	131.6	-	137.3	130.5	-	136.0	127.0	-	126.9	-	-	106.9	-	-	92.5	-	-	85
92	-	119.9	115.5	125.4	118.8	-	124.3	116.6	-	122.2	113.4	-	105.7	-	-	92.5	-	-	92
98	-	111.9	107.5	117.4	110.8	106.3	115.2	108.6	-	115.2	108.4	-	103.7	-	-	92.5	-	-	98
105	-	-	99.1	103.6	102.5	98.0	106.9	100.3	95.8	105.8	100.3	-	101.4	99.1	-	91.4	-	-	105
111	-	-	-	-	96.4	92.0	99.8	94.2	89.8	99.7	94.2	-	99.3	93.1	-	91.4	89.4	-	111
118	-	-	-	-	89.4	86.0	89.4	87.1	83.8	92.7	87.1	82.7	92.7	87.1	-	90.4	84.9	-	118
124	-	-	-	-	-	81.0	73.4	83.1	78.8	87.6	82.1	78.7	87.6	82.1	-	85.4	79.9	-	124
131	-	-	-	-	-	-	-	77.3	74.0	81.7	77.3	74.0	81.7	77.3	72.9	80.6	75.1	-	131
138	-	-	-	-	-	-	-	72.6	69.3	72.3	72.6	69.3	77.0	72.6	68.2	75.9	70.4	-	138
144	-	-	-	-	-	-	-	-	66.3	-	68.5	65.8	72.9	68.5	65.4	71.8	66.3	63.7	144
151	-	-	-	-	-	-	-	-	-	-	65.4	62.3	68.2	64.9	61.9	67.2	63.4	60.1	151
157	-	-	-	-	-	-	-	-	-	-	62.6	59.3	59.7	61.9	58.8	64.7	60.4	57.1	157
164	-	-	-	-	-	-	-	-	-	-	-	56.2	-	58.8	55.7	61.3	57.1	54.0	164
170	-	-	-	-	-	-	-	-	-	-	-	-	-	56.2	53.3	56.0	54.7	51.6	170
177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.7	47.8	51.8	49.0	177
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.1	-	49.2	46.4	184
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47.2	44.6	190
197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.5	197
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	210

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																			
72	79.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72
79	79.3	-	-	65.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79
85	79.3	-	-	65.4	-	-	56.0	-	-	-	-	-	-	-	-	-	-	-	85
92	79.3	-	-	65.4	-	-	55.9	-	-	48.0	-	-	38.7	-	-	-	-	-	92
98	79.3	-	-	65.2	-	-	55.8	-	-	47.8	-	-	38.3	-	-	30.8	-	-	98
105	79.3	-	-	65.2	-	-	55.7	-	-	47.6	-	-	37.9	-	-	30.4	-	-	105
111	79.3	-	-	65.0	-	-	55.5	-	-	47.6	-	-	37.5	-	-	30.2	-	-	111
118	79.3	73.8	-	64.8	-	-	55.5	-	-	47.1	-	-	37.0	-	-	29.7	-	-	118
124	79.3	72.8	-	64.6	-	-	55.3	-	-	46.9	-	-	36.6	-	-	29.5	-	-	124
131	79.3	71.6	-	64.3	63.0	-	55.1	-	-	46.7	-	-	36.1	-	-	29.1	-	-	131
138	74.8	69.3	-	64.1	62.5	-	54.8	54.2	-	46.2	-	-	35.7	-	-	28.6	-	-	138
144	70.7	66.3	-	63.7	62.1	-	54.6	54.0	-	45.8	46.5	-	35.2	-	-	28.2	-	-	144
151	67.2	62.7	59.2	63.4	60.8	-	54.4	53.7	-	45.4	46.5	-	34.6	-	-	27.9	-	-	151
157	63.9	59.7	56.4	62.0	57.7	-	54.2	53.3	-	45.0	46.1	-	34.2	34.2	-	27.5	-	-	157
164	60.6	56.4	53.3	58.8	54.4	51.3	54.0	52.6	-	44.5	45.8	-	33.5	33.2	-	27.1	27.5	-	164
170	58.0	53.8	50.7	56.0	52.0	48.9	53.6	50.2	-	43.9	45.4	-	33.1	32.6	-	26.7	26.9	-	170
177	54.9	50.9	48.1	53.2	49.2	46.3	51.4	47.4	44.3	43.2	44.9	-	32.4	31.9	-	26.2	26.2	-	177
184	52.2	48.6	45.7	50.6	46.6	43.7	48.8	44.8	42.0	42.5	44.2	-	31.9	31.2	-	25.7	25.7	-	184
190	46.5	46.6	43.7	48.3	44.6	41.7	46.6	42.8	40.0	41.9	42.4	39.5	31.3	30.4	-	25.3	25.1	-	190
197	39.5	44.2	41.6	45.9	42.5	39.6	44.2	40.5	37.8	40.9	40.3	37.4	30.6	29.9	30.1	24.6	24.6	-	197
210	-	40.7	38.1	37.2	38.7	36.1	40.3	37.0	34.3	39.2	36.5	33.9	29.5	28.6	28.8	23.8	23.5	24.9	210
223	-	-	35.2	-	35.5	33.0	34.4	33.7	31.3	36.6	33.3	30.8	28.0	27.5	27.3	22.9	22.7	23.8	223
236	-	-	-	-	-	30.4	25.2	30.9	28.4	32.9	30.4	28.0	26.6	26.4	26.2	22.0	21.8	22.5	236
249	-	-	-	-	-	-	-	28.2	26.0	25.3	27.8	25.6	25.1	25.5	25.1	21.1	20.9	21.4	249
262	-	-	-	-	-	-	-	-	-	-	25.4	23.4	23.8	24.7	23.0	20.5	20.0	20.5	262
275	-	-	-	-	-	-	-	-	-	-	-	21.4	17.7	23.2	21.0	19.6	19.4	19.6	275
289	-	-	-	-	-	-	-	-	-	-	-	-	-	21.1	19.1	16.6	18.7	18.2	289
302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.0	16.7	302
315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2	315

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight Further counterweight configurations on request

Lifting capacities luffing fly jib, main boom 83° to 65°



360°

DIN/ISO

91.8 ft* Main boom

Radius ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																			
52	207.1	-	-	183.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
59	193.0	-	-	175.3	-	-	152.1	-	-	126.7	-	-	-	-	-	-	-	-	59
65	182.0	-	-	169.2	-	-	152.1	-	-	126.7	-	-	105.8	-	-	-	-	-	65
72	164.7	-	-	160.0	-	-	151.0	-	-	126.7	-	-	105.8	-	-	88.1	-	-	72
79	148.3	135.2	-	147.2	133.1	-	145.0	-	-	126.5	-	-	105.8	-	-	88.1	-	-	79
85	137.3	127.1	-	136.1	126.0	-	133.9	-	-	123.5	-	-	105.8	-	-	88.1	-	-	85
92	-	117.7	-	124.3	116.6	-	123.2	111.1	-	120.0	-	-	104.6	-	-	88.1	-	-	92
98	-	109.7	104.1	116.3	108.6	-	114.1	105.1	-	113.9	102.8	-	102.6	-	-	88.1	-	-	98
105	-	101.4	95.8	106.9	100.3	94.7	105.8	98.0	-	104.7	96.9	-	101.4	93.6	-	87.0	-	-	105
111	-	-	90.8	-	94.2	88.7	98.7	92.0	-	98.6	91.9	-	98.3	90.6	-	87.0	-	-	111
118	-	-	-	-	87.1	82.7	91.6	86.0	80.5	91.6	84.9	-	91.6	84.9	-	87.0	82.7	-	118
124	-	-	-	-	83.1	77.7	80.6	81.0	76.5	86.5	79.9	75.4	86.5	79.9	-	85.1	78.7	-	124
131	-	-	-	-	-	72.9	-	75.1	70.7	81.7	75.1	70.7	80.6	75.1	-	79.5	72.9	-	131
138	-	-	-	-	-	-	-	71.5	67.1	75.7	70.4	66.0	75.9	70.4	66.0	74.8	68.2	-	138
144	-	-	-	-	-	-	-	-	63.9	65.8	67.4	63.4	71.8	66.3	63.0	70.7	65.4	-	144
151	-	-	-	-	-	-	-	-	60.3	-	63.8	59.9	68.2	63.4	59.4	67.2	61.6	57.7	151
157	-	-	-	-	-	-	-	-	-	-	60.8	57.1	64.0	60.4	56.6	63.9	58.8	54.9	157
164	-	-	-	-	-	-	-	-	-	-	-	54.0	52.9	57.3	53.5	60.6	55.5	51.8	164
170	-	-	-	-	-	-	-	-	-	-	-	51.8	-	54.7	51.1	58.0	53.1	49.4	170
177	-	-	-	-	-	-	-	-	-	-	-	-	-	52.0	48.5	51.5	50.3	46.8	177
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46.2	42.4	47.9	44.4	184
190	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.4	-	45.9	42.6	190
197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.8	40.5	197
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.2	210
223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	223

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																			
79	76.0	-	-	59.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79
85	76.0	-	-	59.5	-	-	50.7	-	-	-	-	-	-	-	-	-	-	-	85
92	76.0	-	-	59.5	-	-	50.7	-	-	44.9	-	-	-	-	-	-	-	-	92
98	76.0	-	-	59.5	-	-	50.7	-	-	44.9	-	-	36.1	-	-	-	-	-	98
105	76.0	-	-	59.5	-	-	50.7	-	-	44.9	-	-	35.9	-	-	28.4	-	-	105
111	76.0	-	-	59.5	-	-	50.7	-	-	44.9	-	-	35.5	-	-	28.2	-	-	111
118	76.0	-	-	59.5	-	-	50.7	-	-	44.9	-	-	35.2	-	-	28.0	-	-	118
124	76.0	69.6	-	59.5	-	-	50.7	-	-	44.9	-	-	35.0	-	-	27.8	-	-	124
131	76.0	67.3	-	59.5	59.5	-	50.7	-	-	44.9	-	-	34.6	-	-	27.5	-	-	131
138	73.7	65.6	-	59.5	58.6	-	50.7	-	-	44.9	-	-	34.3	-	-	27.3	-	-	138
144	69.6	64.2	-	59.5	58.0	-	50.7	50.5	-	44.5	-	-	33.9	-	-	26.9	-	-	144
151	66.1	61.0	-	59.5	57.3	-	50.7	50.2	-	44.3	44.0	-	33.5	-	-	26.6	-	-	151
157	63.2	58.0	54.0	59.5	56.0	-	50.7	49.8	-	44.1	43.8	-	33.1	32.0	-	26.4	-	-	157
164	59.9	54.9	50.9	58.2	52.9	-	50.7	49.3	-	43.6	43.4	-	32.6	31.3	-	26.0	-	-	164
170	57.1	52.2	48.5	55.4	50.5	47.7	50.7	48.3	-	43.2	43.2	-	32.2	30.7	-	25.7	25.4	-	170
177	54.3	49.6	46.1	52.5	47.6	44.1	50.7	45.9	-	42.7	42.9	-	31.7	30.0	-	25.3	24.9	-	177
184	51.7	47.0	43.7	49.9	45.3	41.7	48.1	43.3	39.8	42.0	42.6	-	31.2	29.2	-	24.9	24.4	-	184
190	49.4	45.0	41.7	47.7	43.3	39.7	45.9	41.3	38.0	41.6	41.0	-	30.8	28.6	-	24.7	23.8	-	190
197	42.8	42.9	39.8	45.3	41.1	37.8	43.6	39.2	35.8	40.9	38.9	35.4	30.4	28.2	-	24.2	23.3	-	197
210	-	39.4	36.3	40.1	37.4	34.3	39.8	35.7	32.4	39.4	35.2	31.9	29.3	27.1	26.8	23.5	22.4	-	210
223	-	-	33.5	-	34.2	31.3	36.4	32.4	29.5	35.9	31.9	29.1	28.2	26.0	25.3	22.7	21.6	22.9	223
236	-	-	-	-	31.5	28.7	28.5	29.5	26.7	32.9	29.1	26.2	27.1	25.1	24.0	22.0	20.7	21.6	236
249	-	-	-	-	-	26.5	-	27.1	24.5	27.4	26.7	24.0	26.0	24.2	22.9	21.1	19.8	20.5	249
262	-	-	-	-	-	-	-	-	22.3	-	24.5	21.8	24.7	23.6	21.4	20.5	19.2	19.4	262
275	-	-	-	-	-	-	-	-	-	-	22.3	19.9	19.6	22.1	19.7	19.8	18.5	18.3	275
289	-	-	-	-	-	-	-	-	-	-	-	-	-	20.2	17.8	18.3	17.8	16.9	289
302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.2	-	17.1	15.1	302
315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.8	315
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	328

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight Further counterweight configurations on request

106.9 ft* Main boom

Radius ft	Fly jib						Radius ft									
	78.7 ft		98.4 ft		118.1 ft			137.8 ft		157.5 ft		177.2 ft				
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lb															
52	184.9	-	-	165.8	-	-	-	-	-	-	-	-	-	-	-	52
59	172.0	-	-	157.6	-	-	138.9	-	-	-	-	-	-	-	-	59
65	162.8	-	-	151.6	-	-	136.8	-	-	114.8	-	-	-	-	-	65
72	152.3	-	-	144.5	-	-	134.5	-	-	113.5	-	-	95.9	-	-	72
79	143.0	-	-	136.4	-	-	129.8	-	-	113.4	-	-	94.7	-	-	79
85	135.9	113.9	-	131.3	112.7	-	124.7	-	-	111.4	-	-	94.7	-	-	85
92	124.3	106.8	-	123.2	104.6	-	117.8	-	-	107.9	-	-	94.7	-	-	92
98	-	101.8	-	115.2	99.6	-	112.8	92.8	-	104.8	-	-	92.7	-	-	98
105	-	99.2	87.0	106.9	94.7	-	104.7	88.1	-	100.3	84.8	-	90.3	-	-	105
111	-	-	83.0	95.8	90.7	80.7	97.6	85.1	-	96.2	80.8	-	89.3	79.6	-	111
118	-	-	80.5	-	86.0	77.2	91.5	81.6	-	91.5	77.2	-	87.1	76.1	-	118
124	-	-	-	-	81.0	73.2	86.4	78.4	69.9	85.5	74.1	-	85.1	73.0	-	124
131	-	-	-	-	-	70.6	-	74.0	66.2	80.6	71.7	-	80.6	70.6	-	131
138	-	-	-	-	-	67.1	-	69.3	64.3	75.8	68.2	60.5	75.9	67.1	-	138
144	-	-	-	-	-	-	-	66.3	62.0	70.8	66.0	58.3	71.8	65.7	58.5	144
151	-	-	-	-	-	-	-	-	58.6	-	62.5	55.7	67.2	62.1	55.9	151
157	-	-	-	-	-	-	-	-	55.7	-	59.5	54.3	64.9	59.3	54.1	157
164	-	-	-	-	-	-	-	-	-	-	56.4	52.2	57.1	56.0	51.8	164
170	-	-	-	-	-	-	-	-	-	-	-	50.0	-	53.5	49.6	170
177	-	-	-	-	-	-	-	-	-	-	-	47.6	-	50.9	47.0	177
184	-	-	-	-	-	-	-	-	-	-	-	-	-	48.4	44.6	184
190	-	-	-	-	-	-	-	-	-	-	-	-	-	42.8	42.8	190
197	-	-	-	-	-	-	-	-	-	-	-	-	-	40.9	40.9	197
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.7	210
223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	223

ft	1,000 lb						ft						
	196.9 ft		216.5 ft		236.2 ft			255.9 ft		275.6 ft		295.3 ft	
79	70.5	-	-	-	-	-	-	-	-	-	-	-	79
85	70.5	-	-	55.9	-	-	-	-	-	-	-	-	85
92	70.5	-	-	55.9	-	-	47.3	-	-	-	-	-	92
98	69.5	-	-	55.7	-	-	47.1	-	-	41.6	-	-	98
105	69.4	-	-	55.5	-	-	47.1	-	-	41.6	-	-	105
111	69.4	-	-	55.3	-	-	46.9	-	-	41.6	-	-	111
118	68.3	-	-	55.1	-	-	46.9	-	-	41.4	-	-	118
124	68.3	-	-	54.9	-	-	46.7	-	-	41.4	-	-	124
131	68.3	61.1	-	54.6	-	-	46.7	-	-	41.2	-	-	131
138	67.2	59.0	-	54.6	52.8	-	46.5	-	-	41.2	-	-	138
144	67.2	57.4	-	54.4	52.0	-	46.3	-	-	41.0	-	-	144
151	65.8	55.3	-	54.2	51.1	-	46.2	44.7	-	40.7	-	-	151
157	62.6	53.9	-	54.0	50.1	-	46.0	43.9	-	40.5	39.2	-	157
164	59.3	52.2	-	53.7	48.9	-	46.0	43.2	-	40.3	39.2	-	164
170	56.6	51.0	46.2	53.1	47.7	-	45.8	42.4	-	40.1	39.0	-	170
177	53.8	48.3	44.1	52.0	46.5	-	45.6	41.4	-	39.9	38.8	-	177
184	51.0	45.9	42.0	49.2	44.2	40.2	45.1	40.5	-	39.4	38.1	-	184
190	49.0	43.9	40.2	47.2	42.2	38.2	44.7	39.7	36.2	39.2	37.7	-	190
197	46.3	41.8	38.3	44.9	40.0	36.3	43.1	38.1	34.3	38.7	37.0	-	197
210	-	38.3	35.0	40.9	36.3	33.0	39.2	34.6	31.0	37.9	34.1	30.6	210
223	-	35.2	31.9	31.1	33.3	30.0	35.9	31.5	28.0	35.5	31.1	27.5	223
236	-	-	29.5	-	30.6	27.3	30.7	28.7	25.6	32.6	28.2	24.9	236
249	-	-	-	-	25.1	-	-	26.2	23.2	29.1	25.8	22.7	249
262	-	-	-	-	-	-	-	24.1	21.2	20.8	23.6	20.5	262
275	-	-	-	-	-	-	-	-	19.4	-	21.6	18.8	275
289	-	-	-	-	-	-	-	-	-	-	16.9	-	289
302	-	-	-	-	-	-	-	-	-	-	-	15.1	302
315	-	-	-	-	-	-	-	-	-	-	-	-	315
328	-	-	-	-	-	-	-	-	-	-	-	-	328

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight Further counterweight configurations on request



Lifting capacities luffing fly jib, main boom 83° to 65°



360°

DIN/ISO

122.0 ft* Main boom		Fly jib																		
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			
Radius	ft	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	Radius
1,000 lb																				
59		155.5	-	-	140.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
65		146.3	-	-	134.0	-	-	123.8	-	-	-	-	-	-	-	-	-	-	-	65
72		136.9	-	-	126.9	-	-	119.1	-	-	102.5	-	-	85.9	-	-	-	-	-	72
79		129.8	-	-	121.0	-	-	114.4	-	-	101.3	-	-	85.8	-	-	73.8	-	-	79
85		124.8	-	-	117.0	-	-	110.4	-	-	99.3	-	-	84.8	-	-	73.8	-	-	85
92		122.3	95.8	-	112.3	94.6	-	105.7	-	-	95.8	-	-	83.7	-	-	72.7	-	-	92
98		-	90.8	-	109.2	88.6	-	101.7	-	-	92.8	-	-	82.8	-	-	71.7	-	-	98
105		-	88.1	-	105.8	83.7	-	96.9	78.2	-	89.2	-	-	80.4	-	-	71.6	-	-	105
111		-	85.1	73.0	99.7	79.7	-	93.9	75.2	-	86.1	70.7	-	79.4	-	-	70.6	-	-	111
118		-	-	69.5	-	77.1	67.2	90.4	71.7	-	82.7	67.2	-	77.1	67.2	-	69.4	-	-	118
124		-	-	66.4	-	75.1	64.6	85.4	69.6	-	80.6	65.0	-	76.1	65.4	-	68.4	-	-	124
131		-	-	-	-	73.8	61.8	73.2	67.3	58.2	77.2	62.6	-	73.9	62.7	-	67.3	59.6	-	131
138		-	-	-	-	-	59.2	-	66.1	55.4	74.8	60.3	-	71.5	60.1	-	66.1	56.8	-	138
144		-	-	-	-	-	57.8	-	-	-	-	-	-	-	-	-	65.9	54.5	-	144
151		-	-	-	-	-	-	-	65.5	53.6	71.7	58.9	49.7	69.5	58.3	-	64.7	52.2	-	151
157		-	-	-	-	-	-	-	61.9	51.7	60.7	57.3	47.3	67.2	56.1	48.4	62.9	50.4	-	157
164		-	-	-	-	-	-	-	-	50.7	-	56.5	45.7	64.5	54.7	46.6	59.5	48.5	42.5	164
170		-	-	-	-	-	-	-	-	49.6	-	55.5	43.8	61.3	53.3	44.5	56.9	47.3	40.9	170
177		-	-	-	-	-	-	-	-	-	-	53.1	43.0	-	52.5	43.1	54.0	45.6	39.2	177
184		-	-	-	-	-	-	-	-	-	-	-	41.9	-	50.1	41.7	54.0	45.6	39.2	184
190		-	-	-	-	-	-	-	-	-	-	-	41.4	-	47.7	40.5	50.1	44.7	37.6	190
197		-	-	-	-	-	-	-	-	-	-	-	-	-	39.7	-	-	43.9	36.4	197
210		-	-	-	-	-	-	-	-	-	-	-	-	-	39.2	-	-	41.8	35.2	210
223		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.5	223
236		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.9	236

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			
1,000 lb																				
ft		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	ft
85		66.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
92		65.8	-	-	52.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92
98		65.2	-	-	52.2	-	-	43.8	-	-	-	-	-	-	-	-	-	-	-	98
105		64.3	-	-	51.8	-	-	43.6	-	-	38.1	-	-	30.8	-	-	-	-	-	105
111		63.7	-	-	51.6	-	-	43.4	-	-	37.9	-	-	30.8	-	-	24.7	-	-	111
118		63.0	-	-	51.1	-	-	43.2	-	-	37.9	-	-	30.6	-	-	24.4	-	-	118
124		62.4	-	-	50.7	-	-	43.0	-	-	37.7	-	-	30.4	-	-	24.2	-	-	124
131		61.9	-	-	50.4	-	-	42.7	-	-	37.6	-	-	30.2	-	-	24.2	-	-	131
138		61.2	54.1	-	50.0	-	-	42.5	-	-	37.4	-	-	29.9	-	-	24.0	-	-	138
144		60.6	52.1	-	49.8	47.7	-	42.3	-	-	37.4	-	-	29.9	-	-	23.8	-	-	144
151		60.1	50.0	-	49.3	46.0	-	42.1	-	-	37.2	-	-	29.7	-	-	23.8	-	-	151
157		59.3	48.4	-	48.9	44.6	-	41.9	40.0	-	37.2	-	-	29.5	-	-	23.6	-	-	157
164		58.4	46.7	-	48.7	43.0	-	41.8	38.8	-	37.0	35.2	-	29.5	-	-	23.3	-	-	164
170		56.2	45.3	-	48.3	41.7	-	41.6	37.8	-	37.0	34.8	-	29.3	26.5	-	23.3	-	-	170
177		53.4	43.6	38.6	47.8	40.3	-	41.4	36.6	-	36.8	34.6	-	29.1	25.8	-	23.1	-	-	177
184		50.8	42.5	36.9	47.3	38.9	-	41.2	35.4	-	36.5	33.9	-	29.0	25.3	-	22.9	20.9	-	184
190		48.6	41.4	35.7	46.7	37.9	33.1	41.0	34.6	-	36.5	33.3	-	28.8	24.9	-	22.9	20.5	-	190
197		46.4	40.5	34.5	44.4	36.7	31.7	40.5	33.7	-	36.3	32.6	-	28.8	24.2	-	22.7	20.0	-	197
210		-	37.6	32.1	40.7	34.8	29.3	39.0	31.9	27.1	35.9	30.8	25.3	28.6	23.3	-	22.4	19.3	-	210
223		-	34.6	30.6	34.4	32.6	27.5	35.5	30.6	24.9	35.2	29.1	23.8	28.2	22.4	20.5	22.0	18.7	-	223
236		-	-	28.4	-	29.8	26.2	32.6	28.0	23.3	32.2	27.3	22.5	27.5	21.8	19.2	21.6	18.0	19.6	236
249		-	-	-	-	-	24.3	-	25.6	22.2	29.6	25.1	20.9	26.9	21.1	17.8	21.3	17.4	18.1	249
262		-	-	-	-	-	22.3	-	23.4	20.1	22.7	23.0	19.6	26.4	20.5	16.5	20.7	16.7	17.0	262
275		-	-	-	-	-	-	-	-	18.3	-	21.0	17.9	22.6	20.0	15.6	20.3	16.3	15.9	275
289		-	-	-	-	-	-	-	-	-	-	-	16.0	-	18.7	14.7	19.5	15.8	14.7	289
302		-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.8	-	15.2	13.4	302
315		-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.0	-	14.5	11.9	315
328		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	328
341		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	341

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight Further counterweight configurations on request

137.4 ft* Main boom

Radius ft	Fly jib									Radius ft								
	78.7 ft			98.4 ft			118.1 ft				137.8 ft			157.5 ft			177.2 ft	
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°
	1,000 lb																	
59	130.1	-	-	117.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65	122.9	-	-	113.0	-	-	106.2	-	-	-	-	-	-	-	-	-	-	-
72	114.8	-	-	108.1	-	-	101.5	-	-	88.2	-	-	-	-	-	-	-	-
79	107.8	-	-	102.3	-	-	96.8	-	-	85.8	-	-	73.8	-	-	-	-	-
85	102.8	-	-	98.3	-	-	92.7	-	-	83.8	-	-	72.8	-	-	64.3	-	-
92	99.1	-	-	93.6	-	-	89.1	-	-	80.4	-	-	71.6	-	-	63.6	-	-
98	-	76.3	-	90.6	75.2	-	86.1	-	-	78.4	-	-	70.5	-	-	63.0	-	-
105	-	72.7	-	88.1	70.5	-	82.6	64.5	-	76.0	-	-	69.4	-	-	62.1	-	-
111	-	69.7	-	86.1	66.5	-	79.6	61.9	-	73.0	-	-	67.4	-	-	61.3	-	-
118	-	68.3	-	-	64.4	-	77.1	59.3	-	70.5	55.8	-	66.1	-	-	60.2	-	-
124	-	-	55.4	-	61.8	-	75.1	57.1	-	68.5	53.6	-	65.1	53.5	-	59.1	-	-
131	-	-	53.4	-	60.4	51.0	73.8	55.1	-	66.2	51.2	-	63.5	51.2	-	58.0	-	-
138	-	-	-	-	59.0	48.4	-	53.3	45.3	64.5	48.9	-	61.9	48.8	-	56.8	46.4	-
144	-	-	-	-	-	47.0	-	52.5	43.5	63.3	47.6	-	60.6	47.2	-	55.6	44.6	-
151	-	-	-	-	-	45.3	-	51.3	41.6	61.7	46.0	38.7	59.0	45.3	-	54.4	42.5	-
157	-	-	-	-	-	-	-	51.1	40.6	-	45.2	37.1	57.6	44.1	-	53.2	41.1	-
164	-	-	-	-	-	-	-	-	39.2	-	44.1	35.2	56.0	42.9	36.6	51.8	39.4	-
170	-	-	-	-	-	-	-	-	38.8	-	43.8	34.2	54.3	42.1	35.3	50.8	38.2	-
177	-	-	-	-	-	-	-	-	-	-	43.6	33.0	-	41.2	33.7	49.4	37.0	31.5
184	-	-	-	-	-	-	-	-	-	-	-	32.6	-	40.7	32.8	47.8	36.1	30.1
190	-	-	-	-	-	-	-	-	-	-	-	32.2	-	40.3	31.7	44.0	35.3	28.9
197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.0	-	34.8	27.7
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30.2	-	34.1	26.0
223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.9
236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ft	1,000 lb																		ft
	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			
85	58.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
92	57.3	-	-	46.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
98	56.4	-	-	45.6	-	-	38.3	-	-	-	-	-	-	-	-	-	-	-	
105	55.7	-	-	45.1	-	-	38.1	-	-	32.8	-	-	-	-	-	-	-	-	
111	55.1	-	-	44.7	-	-	37.7	-	-	32.6	-	-	26.4	-	-	-	-	-	
118	54.2	-	-	44.3	-	-	37.4	-	-	32.6	-	-	26.2	-	-	20.7	-	-	
124	53.6	-	-	43.9	-	-	37.2	-	-	32.4	-	-	26.0	-	-	20.7	-	-	
131	52.9	-	-	43.6	-	-	37.0	-	-	32.1	-	-	25.8	-	-	20.5	-	-	
138	52.2	-	-	43.1	-	-	36.8	-	-	32.1	-	-	25.5	-	-	20.4	-	-	
144	51.4	42.6	-	42.7	-	-	36.6	-	-	31.9	-	-	25.5	-	-	20.2	-	-	
151	50.6	40.9	-	42.5	37.4	-	36.3	-	-	31.7	-	-	25.3	-	-	20.2	-	-	
157	49.8	39.5	-	42.1	36.2	-	36.1	-	-	31.7	-	-	25.3	-	-	20.0	-	-	
164	48.9	37.9	-	41.6	34.6	-	35.9	31.5	-	31.5	-	-	25.1	-	-	20.0	-	-	
170	48.1	36.7	-	41.2	33.4	-	35.7	30.3	-	31.5	27.8	-	25.1	-	-	19.8	-	-	
177	47.2	35.3	-	40.7	32.0	-	35.4	29.1	-	31.3	26.9	-	24.9	20.9	-	19.8	-	-	
184	46.0	34.1	29.4	40.3	30.8	-	35.2	28.1	-	31.2	26.1	-	24.9	20.4	-	19.6	-	-	
190	45.0	33.3	28.2	39.7	29.8	-	34.8	27.1	-	31.0	25.3	-	24.7	20.0	-	19.6	16.7	-	
197	43.8	32.3	26.8	39.2	28.8	24.6	34.6	26.2	-	30.8	24.6	-	24.6	19.6	-	19.3	16.5	-	
210	37.9	30.8	24.9	37.9	27.3	22.7	33.9	24.6	20.2	30.4	23.3	-	24.4	18.7	-	19.1	15.6	-	
223	-	29.9	23.3	36.3	26.0	20.9	32.8	23.3	18.7	29.9	22.0	17.2	24.2	18.0	-	18.9	14.9	-	
236	-	-	22.2	-	25.3	19.6	31.9	22.2	17.2	29.1	20.9	15.8	24.0	17.2	14.3	18.7	14.3	-	
249	-	-	21.8	-	24.7	18.7	23.8	21.6	16.1	28.2	19.8	14.8	23.8	16.7	13.0	18.5	13.6	-	
262	-	-	-	-	18.1	-	-	20.9	15.0	24.3	18.9	13.9	23.3	16.1	12.1	18.3	13.2	-	
275	-	-	-	-	-	-	-	14.3	-	-	18.1	13.0	22.9	15.6	11.0	18.0	12.8	-	
289	-	-	-	-	-	-	-	13.8	-	-	17.4	12.3	-	15.2	10.3	17.5	12.3	-	
302	-	-	-	-	-	-	-	-	-	-	11.8	-	-	14.9	9.6	15.1	11.9	-	
315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	-	11.6	-	

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request



Lifting capacities luffing fly jib, main boom 83° to 65°



360°

DIN/ISO

152.5 ft* Main boom

Radius ft	Fly jib																		Radius ft
	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lb																		
65	102.0	-	-	94.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
72	96.0	-	-	89.4	-	-	82.7	-	-	-	-	-	-	-	-	-	-	-	72
79	90.2	-	-	84.7	-	-	79.1	-	-	-	-	-	-	-	-	-	-	-	79
85	85.1	-	-	80.6	-	-	75.1	-	-	69.3	-	-	63.2	-	-	-	-	-	85
92	81.4	-	-	77.0	-	-	72.6	-	-	67.3	-	-	61.8	-	-	-	-	54.0	92
98	-	63.9	-	73.9	-	-	69.5	-	-	65.2	-	-	60.1	-	-	-	-	53.1	98
105	-	60.6	-	71.6	59.0	-	67.2	-	-	63.4	-	-	58.9	-	-	-	-	52.3	105
111	-	57.8	-	69.6	56.0	-	65.8	50.6	-	61.5	-	-	57.3	-	-	-	-	51.1	111
118	-	56.0	-	-	53.1	-	64.1	48.3	-	59.6	-	-	56.1	-	-	-	-	50.3	118
124	-	-	-	-	50.9	-	62.7	46.1	-	58.2	-	-	54.6	-	-	-	-	49.1	124
131	-	-	43.9	-	49.2	-	61.7	44.3	-	56.7	43.8	-	53.4	-	-	-	-	48.1	131
138	-	-	41.8	-	47.5	39.8	-	42.7	-	55.5	41.7	-	52.2	41.2	-	-	-	47.2	138
144	-	-	-	-	-	38.2	-	41.7	34.9	54.4	39.6	-	50.8	39.4	-	-	-	46.0	144
151	-	-	-	-	-	36.3	-	40.5	33.2	53.6	38.2	-	50.0	38.0	-	-	-	45.2	151
157	-	-	-	-	-	35.5	-	40.3	32.0	52.6	36.8	-	48.9	36.5	-	-	-	44.3	157
164	-	-	-	-	-	-	-	-	30.8	-	36.0	30.0	48.3	35.3	-	-	-	43.4	164
170	-	-	-	-	-	-	-	-	30.2	-	35.0	28.4	47.4	34.1	-	-	-	42.7	170
177	-	-	-	-	-	-	-	-	30.2	-	34.6	27.2	46.9	33.5	28.5	-	-	42.1	177
184	-	-	-	-	-	-	-	-	29.7	-	34.1	26.0	-	32.6	27.3	-	-	41.4	184
190	-	-	-	-	-	-	-	-	-	-	25.3	-	-	32.1	26.1	-	-	41.2	190
197	-	-	-	-	-	-	-	-	-	-	24.7	-	-	31.7	25.3	-	-	40.8	197
210	-	-	-	-	-	-	-	-	-	-	24.4	-	-	31.5	24.6	-	-	27.5	210
223	-	-	-	-	-	-	-	-	-	-	-	-	-	23.3	-	-	-	26.6	223
236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.7	236
249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.8	249

ft	1,000 lb																		ft
	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			
92	47.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92
98	46.9	-	-	39.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98
105	46.0	-	-	38.5	-	-	32.6	-	-	-	-	-	-	-	-	-	-	-	105
111	45.2	-	-	38.1	-	-	32.4	-	-	28.2	-	-	22.2	-	-	-	-	-	111
118	44.3	-	-	37.7	-	-	31.9	-	-	28.0	-	-	22.0	-	-	-	-	16.9	118
124	43.7	-	-	37.3	-	-	31.7	-	-	27.8	-	-	22.0	-	-	-	-	16.9	124
131	42.8	-	-	36.6	-	-	31.5	-	-	27.5	-	-	21.8	-	-	-	-	16.7	131
138	42.0	-	-	36.1	-	-	31.0	-	-	27.3	-	-	21.5	-	-	-	-	16.7	138
144	41.2	-	-	35.7	-	-	30.8	-	-	27.1	-	-	21.3	-	-	-	-	16.7	144
151	40.5	33.2	-	35.2	-	-	30.4	-	-	26.8	-	-	21.3	-	-	-	-	16.7	151
157	39.9	32.0	-	34.8	29.4	-	30.2	-	-	26.6	-	-	21.1	-	-	-	-	16.5	157
164	39.2	30.6	-	34.3	28.0	-	29.9	-	-	26.4	-	-	20.9	-	-	-	-	16.5	164
170	38.8	29.6	-	34.1	26.7	-	29.7	24.5	-	26.2	-	-	20.9	-	-	-	-	16.5	170
177	38.5	28.4	-	33.7	25.6	-	29.3	23.3	-	26.0	21.8	-	20.7	-	-	-	-	16.5	177
184	38.1	27.3	-	33.4	24.4	-	29.0	22.2	-	25.7	20.8	-	20.7	16.5	-	-	-	16.3	184
190	37.9	26.4	-	33.0	23.4	-	28.8	21.2	-	25.5	19.8	-	20.7	16.1	-	-	-	16.3	190
197	37.4	25.5	20.9	32.8	22.4	-	28.6	20.2	-	25.3	19.1	-	20.5	15.6	-	-	-	16.3	197
210	36.8	24.2	18.7	32.4	20.9	16.9	28.4	18.7	-	24.9	17.6	-	20.2	14.9	-	-	-	16.3	210
223	-	23.1	17.2	32.1	19.8	15.4	28.0	17.2	12.7	24.6	16.1	-	20.2	14.3	-	-	-	16.0	223
236	-	22.2	16.3	-	19.1	14.1	27.7	16.3	11.9	24.4	15.0	10.8	20.0	13.6	-	-	-	16.0	236
249	-	-	15.8	-	18.7	13.2	25.8	15.4	10.8	24.2	14.1	9.7	20.0	13.0	9.2	-	-	15.8	249
262	-	-	-	-	-	12.5	-	15.2	10.1	23.8	13.2	8.8	19.8	12.5	8.1	-	-	15.8	262
275	-	-	-	-	-	12.3	-	15.0	9.5	-	12.8	8.1	19.6	12.1	7.3	-	-	15.8	275
289	-	-	-	-	-	-	-	-	9.0	-	12.3	7.4	17.3	11.6	6.6	-	-	15.6	289
302	-	-	-	-	-	-	-	-	-	-	-	7.2	17.3	11.4	6.1	-	-	14.7	302
315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	9.0	315
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-	-	8.8	328

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

168.0 ft* Main boom																			
Radius ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			Radius ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																			
65	85.2	-	-	77.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
72	79.5	-	-	72.8	-	-	67.3	-	-	-	-	-	-	-	-	-	-	-	72
79	74.8	-	-	69.3	-	-	65.3	-	-	-	-	-	-	-	-	-	-	-	79
85	71.8	-	-	66.3	-	-	63.1	-	-	55.4	-	-	49.6	-	-	-	-	-	85
92	68.2	-	-	64.1	-	-	60.8	-	-	51.7	-	-	48.4	-	-	44.0	-	-	92
98	66.2	-	-	61.9	-	-	58.5	-	-	50.3	-	-	47.4	-	-	43.2	-	-	98
105	-	49.3	-	59.9	-	-	56.4	-	-	48.9	-	-	46.2	-	-	42.3	-	-	105
111	-	46.9	-	58.3	45.4	-	54.6	-	-	47.7	-	-	45.4	-	-	41.5	-	-	111
118	-	45.2	-	57.3	43.0	-	52.9	38.8	-	46.5	-	-	44.3	-	-	40.5	-	-	118
124	-	43.6	-	-	41.0	-	51.5	37.0	-	45.5	-	-	43.5	-	-	39.7	-	-	124
131	-	-	-	-	39.2	-	50.5	35.3	-	44.3	32.4	-	42.5	-	-	38.8	-	-	131
138	-	-	-	-	37.6	-	49.5	33.7	-	43.4	30.8	-	41.4	30.8	-	37.8	-	-	138
144	-	-	-	-	37.0	30.7	-	32.8	-	42.8	29.6	-	40.8	29.6	-	37.0	-	-	144
151	-	-	-	-	-	29.0	-	31.7	-	42.1	28.4	-	39.8	28.2	-	36.3	26.0	-	151
157	-	-	-	-	-	28.2	-	31.3	25.2	41.4	27.6	-	39.2	27.4	-	35.5	24.9	-	157
164	-	-	-	-	-	27.1	-	30.8	24.0	-	26.6	-	38.5	26.2	-	34.8	23.8	-	164
170	-	-	-	-	-	-	-	-	23.2	-	26.0	20.4	37.9	25.4	-	34.4	23.0	-	170
177	-	-	-	-	-	-	-	-	22.5	-	25.5	19.4	-	24.7	20.3	33.7	22.0	-	177
184	-	-	-	-	-	-	-	-	22.0	-	25.3	18.7	-	24.2	19.3	33.2	21.3	-	184
190	-	-	-	-	-	-	-	-	-	-	-	18.1	-	23.8	18.7	33.0	20.7	16.7	190
197	-	-	-	-	-	-	-	-	-	-	-	-	17.8	23.5	18.0	-	20.2	15.8	197
210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.7	-	19.6	13.8	210
223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.0	-	19.1	12.7	223
236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.9	236
249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	249

ft	196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		ft
	1,000 lb												
98	38.8	-	-	31.5	-	-	-	-	-	-	-	-	98
105	37.9	-	-	30.8	-	-	25.7	-	-	-	-	-	105
111	37.3	-	-	30.4	-	-	25.3	-	-	21.1	-	-	111
118	36.6	-	-	29.9	-	-	25.1	-	-	20.9	-	18.0	118
124	36.0	-	-	29.5	-	-	24.7	-	-	20.7	-	17.8	124
131	35.2	-	-	28.9	-	-	24.2	-	-	20.5	-	17.6	131
138	34.3	-	-	28.4	-	-	24.0	-	-	20.2	-	17.6	138
144	33.7	-	-	28.0	-	-	23.6	-	-	20.0	-	17.4	144
151	33.0	-	-	27.7	-	-	23.3	-	-	19.8	-	17.1	151
157	32.4	24.5	-	27.3	-	-	23.1	-	-	19.6	-	16.9	157
164	31.9	23.3	-	26.8	20.5	-	22.7	-	-	19.4	-	16.9	164
170	31.3	22.3	-	26.4	19.7	-	22.5	-	-	19.2	-	16.7	170
177	30.8	21.4	-	26.2	18.5	-	22.2	14.5	-	18.9	-	16.5	177
184	30.6	20.4	-	25.7	17.6	-	22.0	13.8	-	18.7	-	16.5	184
190	30.2	19.6	-	25.5	16.7	-	21.8	13.4	-	18.5	-	16.3	190
197	29.7	18.9	-	25.3	16.0	-	21.5	12.7	-	18.2	-	16.3	197
210	29.1	17.6	13.2	24.9	14.7	-	21.1	11.9	-	18.0	-	16.0	210
223	-	16.7	12.1	24.4	13.6	-	20.7	11.0	-	17.6	-	15.8	223
236	-	16.3	11.0	-	13.0	-	20.5	10.3	-	17.4	-	15.6	236
249	-	-	10.5	-	12.5	-	20.2	9.9	-	17.4	-	15.6	249
262	-	-	10.1	-	12.5	-	-	9.4	-	17.2	-	15.4	262
275	-	-	-	-	-	-	-	9.2	-	-	-	15.4	275
289	-	-	-	-	-	-	-	-	-	-	-	14.7	289
302	-	-	-	-	-	-	-	-	-	-	-	-	302
315	-	-	-	-	-	-	-	-	-	-	-	-	315

Remarks

* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 407,900 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

Lifting capacities luffing fly jib, main boom 83° to 65°

360°

DIN/ISO

183.1 ft* Main boom

Radius ft	Fly jib																		Radius ft
	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lb																		
72	64.0	-	-	58.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72
79	60.3	-	-	55.6	-	-	51.2	-	-	-	-	-	-	-	-	-	-	-	79
85	57.6	-	-	53.4	-	-	49.6	-	-	42.6	-	-	-	-	-	-	-	-	85
92	55.0	-	-	51.1	-	-	47.8	-	-	41.1	-	-	39.9	-	-	-	-	-	92
98	53.2	-	-	49.2	-	-	46.3	-	-	39.9	-	-	37.9	-	-	34.5	-	-	98
105	-	-	-	47.6	-	-	44.7	-	-	38.7	-	-	36.8	-	-	32.8	-	-	105
111	-	37.8	-	46.4	-	-	43.3	-	-	37.7	-	-	35.8	-	-	32.2	-	-	111
118	-	36.1	-	45.6	34.2	-	41.9	-	-	36.8	-	-	34.8	-	-	31.3	-	-	118
124	-	34.5	-	-	32.3	-	40.7	29.4	-	35.8	-	-	33.8	-	-	30.7	-	-	124
131	-	33.7	-	-	30.9	-	39.5	27.8	-	35.0	-	-	32.8	-	-	29.7	-	-	131
138	-	-	-	-	29.5	-	38.5	26.4	-	34.1	23.3	-	31.9	-	-	29.0	-	-	138
144	-	-	-	-	28.9	-	-	25.4	-	33.3	22.3	-	31.1	22.5	-	28.4	-	-	144
151	-	-	-	-	27.9	22.9	-	24.4	-	32.6	21.1	-	30.4	21.3	-	27.7	18.7	-	151
157	-	-	-	-	-	22.1	-	23.8	-	31.8	20.5	-	29.8	20.5	-	27.1	17.9	-	157
164	-	-	-	-	-	20.9	-	23.3	18.3	-	19.6	-	29.1	19.6	-	26.4	17.2	-	164
170	-	-	-	-	-	20.5	-	23.1	17.6	-	19.2	-	28.7	18.8	-	26.0	16.3	-	170
177	-	-	-	-	-	-	-	-	16.7	-	18.7	13.4	-	18.0	-	25.5	15.6	-	177
184	-	-	-	-	-	-	-	-	16.2	-	18.2	12.9	-	17.6	-	25.1	15.1	-	184
190	-	-	-	-	-	-	-	-	15.8	-	18.0	12.5	-	17.2	13.0	24.7	14.7	-	190
197	-	-	-	-	-	-	-	-	-	-	12.3	-	16.9	12.3	-	14.3	11.0	-	197
210	-	-	-	-	-	-	-	-	-	-	11.6	-	-	11.4	-	13.6	9.4	-	210
223	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5	-	13.2	7.9	-	223
236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.2	7.2	-	236
249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	-	249
262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	262

ft	1,000 lb																		ft
	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			
98	29.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98
105	28.4	-	-	23.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105
111	27.8	-	-	22.9	-	-	18.5	-	-	-	-	-	-	-	-	-	-	-	111
118	27.3	-	-	22.4	-	-	18.0	-	-	14.3	-	-	-	-	-	-	-	-	118
124	26.7	-	-	22.0	-	-	17.6	-	-	14.1	-	-	10.8	-	-	6.8	-	-	124
131	26.0	-	-	21.4	-	-	17.2	-	-	13.8	-	-	10.5	-	-	6.8	-	-	131
138	25.5	-	-	20.9	-	-	16.9	-	-	13.6	-	-	10.5	-	-	6.8	-	-	138
144	25.1	-	-	20.5	-	-	16.5	-	-	13.4	-	-	10.3	-	-	6.6	-	-	144
151	24.4	-	-	20.2	-	-	16.3	-	-	13.2	-	-	10.1	-	-	6.6	-	-	151
157	24.0	-	-	19.8	-	-	15.9	-	-	12.8	-	-	10.1	-	-	6.6	-	-	157
164	23.5	17.2	-	19.4	-	-	15.6	-	-	12.5	-	-	9.9	-	-	6.6	-	-	164
170	23.1	16.3	-	19.0	13.5	-	15.4	-	-	12.3	-	-	9.7	-	-	6.6	-	-	170
177	22.7	15.4	-	18.7	12.5	-	15.0	-	-	12.1	-	-	9.7	-	-	6.3	-	-	177
184	22.2	14.5	-	18.2	11.8	-	14.7	6.3	-	11.9	-	-	9.4	-	-	6.3	-	-	184
190	22.0	13.9	-	18.0	11.2	-	14.5	6.3	-	11.9	-	-	9.4	-	-	6.3	-	-	190
197	21.5	13.2	-	17.6	10.5	-	14.3	6.1	-	11.6	-	-	9.2	-	-	6.3	-	-	197
210	20.9	12.3	8.1	17.1	9.4	-	13.8	5.9	-	11.2	-	-	9.0	-	-	6.3	-	-	210
223	-	11.6	7.5	16.9	8.6	-	13.6	5.7	-	11.0	-	-	8.8	-	-	6.1	-	-	223
236	-	11.2	6.8	-	8.1	-	13.2	5.2	-	10.8	-	-	8.8	-	-	6.1	-	-	236
249	-	-	6.1	-	7.7	-	13.0	5.0	-	10.5	-	-	8.6	-	-	6.1	-	-	249
262	-	-	5.5	-	7.5	-	-	4.8	-	10.3	-	-	8.3	-	-	5.9	-	-	262
275	-	-	-	-	-	-	-	4.6	-	-	-	-	8.3	-	-	5.9	-	-	275
289	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	5.7	-	-	289
302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	302
315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	315

Remarks

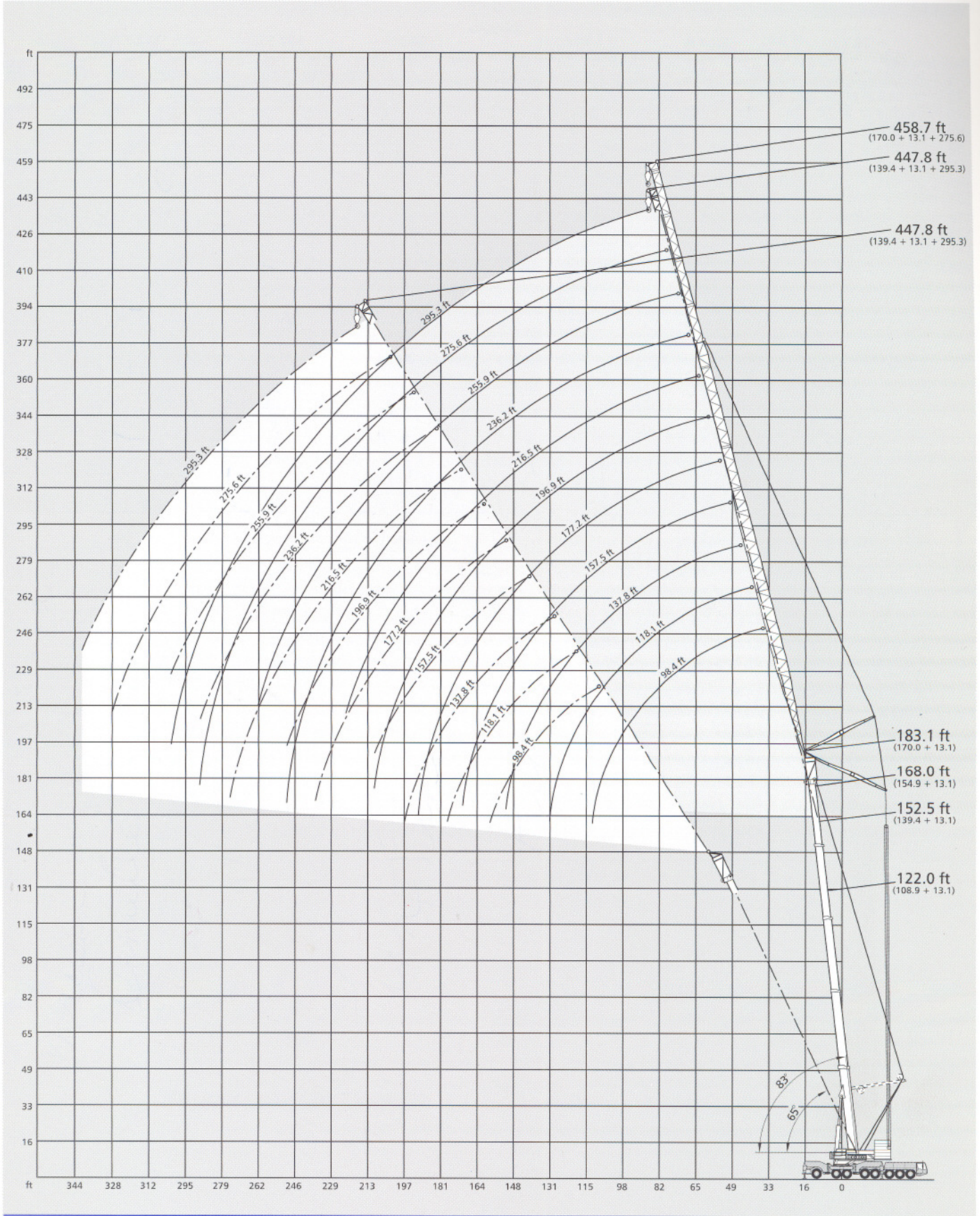
* incl. 13.1 ft adapter

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

Working ranges luffing fly jib with SL, main boom 83° to 65°



Lifting capacities luffing fly jib with SSL 0°, main boom 83° to 65°

360° **DIN/ISO**

122.0 ft* Main boom

Radius ft	98.4 ft			118.1 ft			Fly jib 137.8 ft			157.5 ft			177.2 ft			Radius ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																
52	144.4	-	-	-	-	-	-	-	-	-	-	-	-	-	52	
59	144.4	-	-	119.0	-	-	-	-	-	-	-	-	-	-	59	
65	144.4	-	-	119.0	-	-	99.2	-	-	80.4	-	-	-	-	65	
72	137.9	-	-	119.0	-	-	99.2	-	-	80.4	-	-	68.3	-	72	
79	132.0	-	-	117.7	-	-	99.1	-	-	80.4	-	-	68.3	-	79	
85	125.9	-	-	113.7	-	-	98.1	-	-	80.4	-	-	68.3	-	85	
92	116.6	108.9	-	110.1	-	-	96.9	-	-	80.4	-	-	68.3	-	92	
98	108.6	100.8	-	107.2	98.5	-	95.9	-	-	80.4	-	-	68.3	-	98	
105	99.1	92.5	-	100.3	91.4	-	93.6	-	-	80.4	-	-	68.3	-	105	
111	91.1	87.5	-	94.2	85.4	-	92.7	85.2	-	80.4	-	-	68.3	-	111	
118	-	81.6	73.9	86.1	79.4	-	88.2	78.3	-	80.4	78.3	-	68.3	-	118	
124	-	76.6	69.9	-	74.4	-	83.2	74.3	-	80.4	74.3	-	68.3	68.4	124	
131	-	71.8	65.4	-	69.6	63.2	77.3	69.6	-	77.2	69.6	-	68.3	67.2	131	
138	-	-	61.4	-	65.8	59.2	71.4	65.5	58.7	73.7	65.1	-	68.2	63.3	138	
144	-	-	58.3	-	62.5	56.1	66.3	62.1	55.7	69.6	61.9	-	66.2	60.1	144	
151	-	-	-	-	59.0	52.8	60.5	58.6	52.4	65.6	58.3	51.9	64.9	56.6	151	
157	-	-	-	-	-	50.4	-	55.7	49.8	61.8	55.5	49.5	61.9	53.8	157	
164	-	-	-	-	-	47.6	-	52.9	47.1	57.5	52.4	46.7	58.6	50.7	164	
170	-	-	-	-	-	-	-	50.7	44.9	-	50.0	44.5	56.0	48.5	170	
177	-	-	-	-	-	-	-	-	42.8	-	47.6	42.1	53.2	45.9	177	
184	-	-	-	-	-	-	-	-	40.7	-	45.3	40.0	49.6	43.5	184	
190	-	-	-	-	-	-	-	-	-	-	-	38.4	-	41.7	190	
197	-	-	-	-	-	-	-	-	-	-	-	36.5	-	39.6	197	
210	-	-	-	-	-	-	-	-	-	-	-	-	-	31.7	210	
223	-	-	-	-	-	-	-	-	-	-	-	-	-	29.1	223	

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																			
79	59.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79	
85	59.5	-	-	47.6	-	-	-	-	-	-	-	-	-	-	-	-	-	85	
92	59.5	-	-	47.6	-	-	40.7	-	-	-	-	-	-	-	-	-	-	92	
98	59.5	-	-	47.6	-	-	40.7	-	-	35.2	-	-	-	-	-	-	-	98	
105	59.5	-	-	47.6	-	-	40.7	-	-	35.2	-	-	28.6	-	-	23.5	-	105	
111	59.5	-	-	47.6	-	-	40.7	-	-	35.2	-	-	28.6	-	-	23.5	-	111	
118	59.5	-	-	47.6	-	-	40.7	-	-	35.2	-	-	28.6	-	-	23.5	-	118	
124	59.5	-	-	47.6	-	-	40.7	-	-	35.2	-	-	28.6	-	-	23.5	-	124	
131	59.5	59.5	-	47.6	-	-	40.7	-	-	35.2	-	-	28.6	-	-	23.5	-	131	
138	59.4	59.5	-	47.6	-	-	40.7	-	-	35.2	-	-	28.6	-	-	23.5	-	138	
144	59.5	59.1	-	47.6	47.6	-	40.7	-	-	35.2	-	-	28.6	-	-	23.5	-	144	
151	59.4	55.7	-	47.6	47.6	-	40.7	40.7	-	35.2	-	-	28.6	-	-	23.5	-	151	
157	58.9	52.9	-	47.6	47.6	-	40.7	40.7	-	35.2	-	-	28.6	-	-	23.5	-	157	
164	57.9	50.0	-	47.6	47.6	-	40.7	40.7	-	35.2	35.2	-	28.6	-	-	23.5	-	164	
170	55.3	47.6	-	47.6	45.8	-	40.7	40.7	-	35.2	35.2	-	28.6	28.6	-	23.5	-	170	
177	52.5	45.0	39.5	47.6	43.2	-	40.7	40.7	-	35.2	35.2	-	28.6	28.6	-	23.5	21.1	177	
184	49.9	42.6	37.4	47.5	40.9	35.4	40.5	38.9	-	35.2	35.2	-	28.6	28.6	-	23.5	20.9	184	
190	47.7	40.8	35.7	45.9	39.1	33.8	40.3	37.1	-	35.2	35.2	-	28.6	28.6	-	23.5	20.7	190	
197	45.5	38.9	33.9	43.8	37.0	31.9	40.1	35.0	29.9	35.0	34.7	-	28.6	28.6	-	23.5	20.4	197	
210	-	35.4	30.8	39.8	33.7	28.8	38.1	31.7	26.8	34.8	31.3	26.4	28.4	28.6	-	23.5	19.8	210	
223	-	32.6	28.0	34.4	30.6	26.0	34.8	28.6	24.0	34.3	28.4	23.6	27.5	28.0	23.3	23.3	19.4	223	
236	-	-	25.8	-	28.0	23.8	31.8	26.0	21.8	31.5	25.8	21.4	26.6	25.3	20.9	22.7	18.9	19.4	236
249	-	-	-	-	21.6	-	23.8	19.6	16.1	28.9	23.4	19.2	25.6	22.9	18.7	22.0	18.7	17.8	249
262	-	-	-	-	19.9	-	21.8	17.7	-	22.7	21.2	17.2	24.7	21.0	16.8	21.1	18.5	15.9	262
275	-	-	-	-	-	-	-	16.1	-	-	19.4	15.5	22.5	19.0	15.2	20.5	18.0	14.1	275
289	-	-	-	-	-	-	-	-	-	-	-	13.8	-	17.1	13.6	19.7	16.2	12.5	289
302	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	-	14.7	11.2	-	302
315	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0	-	13.4	9.9	-	315
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	-	328

Remarks

* incl. 13.1 ft adapter

Counterweight 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight Further counterweight configurations on request

152.5 ft* Main boom

Radius ft	98.4 ft			118.1 ft			Fly jib 137.8 ft			157.5 ft			177.2 ft			Radius ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lb															
59	95.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
65	95.0	-	-	79.3	-	-	67.4	-	-	-	-	-	-	-	-	65
72	94.7	-	-	78.2	-	-	66.1	-	-	58.4	-	-	-	-	-	72
79	94.7	-	-	77.1	-	-	66.1	-	-	58.4	-	-	50.9	-	-	79
85	94.7	-	-	77.1	-	-	66.1	-	-	58.4	-	-	50.9	-	-	85
92	94.7	-	-	77.1	-	-	66.1	-	-	58.4	-	-	50.9	-	-	92
98	90.6	96.3	-	77.1	-	-	66.1	-	-	58.4	-	-	50.9	-	-	98
105	84.8	89.2	-	74.9	-	-	66.1	-	-	58.4	-	-	50.9	-	-	105
111	79.8	83.2	-	73.8	77.3	-	66.1	-	-	58.4	-	-	50.9	-	-	111
118	-	77.2	-	69.5	73.9	-	64.8	66.1	-	58.4	-	-	50.9	-	-	118
124	-	73.2	-	66.2	70.8	-	63.8	66.1	-	58.4	58.6	-	50.9	-	-	124
131	-	68.5	60.9	62.0	66.2	-	60.9	65.5	-	57.5	58.4	-	50.9	-	-	131
138	-	64.9	57.2	-	62.9	-	58.1	62.5	-	56.5	58.4	-	50.8	50.9	-	138
144	-	-	54.4	-	59.7	52.1	55.4	59.2	-	54.5	58.4	-	50.3	50.9	-	144
151	-	-	51.1	-	56.1	49.1	52.6	55.7	-	52.4	55.5	-	49.5	50.9	-	151
157	-	-	48.9	-	53.5	46.7	-	53.1	46.0	50.6	52.9	-	47.9	50.9	-	157
164	-	-	-	-	-	44.1	-	50.2	43.4	48.5	50.0	43.2	46.0	48.0	-	164
170	-	-	-	-	-	42.0	-	48.0	41.4	46.7	47.6	41.2	44.4	45.8	-	170
177	-	-	-	-	-	39.9	-	45.6	39.2	-	45.2	38.8	42.8	43.4	36.8	177
184	-	-	-	-	-	-	-	-	37.1	-	42.9	36.9	40.9	41.1	34.9	184
190	-	-	-	-	-	-	-	-	35.7	-	41.3	35.3	39.3	39.3	33.3	190
197	-	-	-	-	-	-	-	-	33.9	-	39.1	33.4	-	37.4	31.4	197
210	-	-	-	-	-	-	-	-	-	-	-	30.6	-	34.1	28.6	210
223	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2	223
236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.0	236

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lb																		
85	44.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
92	44.5	-	-	34.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92
98	43.9	-	-	34.8	-	-	27.5	-	-	23.5	-	-	-	-	-	-	-	-	98
105	43.4	-	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	-	-	-	105
111	43.0	-	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	111
118	42.9	-	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	118
124	42.7	-	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	124
131	42.7	-	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	131
138	42.7	-	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	138
144	42.7	43.8	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	144
151	42.7	43.8	-	34.8	-	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	151
157	42.3	43.8	-	34.8	34.8	-	27.5	-	-	23.5	-	-	18.7	-	-	14.7	-	-	157
164	42.1	43.8	-	34.8	34.8	-	27.5	27.5	-	23.5	-	-	18.7	-	-	14.7	-	-	164
170	41.1	43.8	-	34.6	34.8	-	27.5	27.5	-	23.5	23.7	-	18.7	-	-	14.7	-	-	170
177	40.1	42.5	-	34.3	34.8	-	27.5	27.5	-	23.5	23.5	-	18.7	-	-	14.7	-	-	177
184	39.2	40.2	-	33.6	34.7	-	27.5	27.5	-	23.5	23.5	-	18.7	18.7	-	14.7	-	-	184
190	38.4	38.6	32.4	32.8	34.8	-	27.3	27.5	-	23.5	23.5	-	18.7	18.7	-	14.7	13.6	-	190
197	37.2	36.5	30.6	32.1	34.5	-	27.0	27.5	-	23.5	23.5	-	18.7	18.7	-	14.7	13.4	-	197
210	35.4	33.2	27.7	30.8	31.5	25.7	26.6	27.3	23.8	23.3	23.5	-	18.7	18.7	-	14.7	13.0	-	210
223	-	30.6	25.1	29.5	28.6	23.1	26.0	26.6	21.1	22.9	23.5	20.7	18.7	18.7	-	14.7	12.5	-	223
236	-	28.0	22.9	-	26.0	20.9	25.5	24.0	18.9	22.7	23.1	18.5	18.7	18.7	16.5	14.7	12.1	-	236
249	-	-	20.9	-	23.8	19.0	24.9	21.8	17.0	22.2	21.4	16.5	18.7	18.7	16.1	14.7	11.6	9.9	249
262	-	-	-	-	-	17.2	-	19.9	15.2	22.0	19.4	14.8	18.7	18.5	14.3	14.7	11.4	9.9	262
275	-	-	-	-	-	15.7	-	18.1	13.7	-	17.7	13.0	18.7	17.2	12.6	14.7	11.2	9.9	275
289	-	-	-	-	-	-	-	-	12.1	-	16.0	11.6	17.3	15.6	11.2	14.7	10.7	9.8	289
302	-	-	-	-	-	-	-	-	-	-	-	10.3	-	14.0	9.9	14.7	10.5	8.8	302
315	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	-	-	10.3	7.7	315
328	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	-	10.1	6.6	328
341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	341

Remarks

* incl. 13.1 ft adapter

Counterweight **264,600 lb** **308,700 lb** **352,800 lb** **407,900 lb**

Max. capacities with minimum counterweight Further counterweight configurations on request



Lifting capacities luffing fly jib with SSL 0°, main boom 83° to 65°

360° **DIN/ISO**

168.0 ft* Main boom

Radius ft	98.4 ft			118.1 ft			Fly jib 137.8 ft			157.5 ft			177.2 ft			Radius ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb																
59	70.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
65	68.5	-	-	58.1	-	-	-	-	-	-	-	-	-	-	-	65
72	66.1	-	-	56.4	-	-	47.6	-	-	-	-	-	-	-	-	72
79	66.1	-	-	54.6	-	-	46.2	-	-	44.9	-	-	40.5	-	-	79
85	66.1	-	-	54.0	-	-	45.0	-	-	43.9	-	-	39.7	-	-	85
92	66.1	-	-	54.0	-	-	44.0	-	-	42.9	-	-	38.5	-	-	92
98	65.5	-	-	54.0	-	-	44.0	-	-	41.9	-	-	37.7	-	-	98
105	64.3	70.5	-	53.7	-	-	44.0	-	-	41.4	-	-	37.0	-	-	105
111	63.3	68.5	-	53.3	-	-	44.0	-	-	41.0	-	-	36.4	-	-	111
118	62.1	66.1	-	52.4	56.8	-	43.8	-	-	40.7	-	-	36.3	-	-	118
124	-	64.1	-	51.6	56.4	-	43.8	46.2	-	40.3	-	-	36.3	-	-	124
131	-	61.1	-	50.5	56.0	-	43.2	46.2	-	39.9	39.6	-	36.3	-	-	131
138	-	58.3	55.4	49.5	55.4	-	42.7	46.2	-	39.4	39.6	-	36.3	-	-	138
144	-	55.9	52.4	-	53.0	-	42.1	46.2	-	39.0	39.6	-	36.1	35.2	-	144
151	-	-	49.3	-	50.2	47.3	41.6	46.2	-	38.5	39.6	-	36.1	35.2	-	151
157	-	-	47.1	-	47.8	44.9	41.0	44.4	-	38.1	39.6	-	35.5	35.2	-	157
164	-	-	44.5	-	44.9	42.3	-	42.3	41.9	37.9	39.6	-	34.8	35.2	-	164
170	-	-	-	-	-	40.3	-	40.5	39.8	37.5	38.6	-	34.4	35.2	-	170
177	-	-	-	-	-	38.1	-	38.6	37.7	-	37.7	37.3	33.7	35.2	-	177
184	-	-	-	-	-	36.3	-	36.5	35.6	-	36.5	35.4	33.0	34.3	33.4	184
190	-	-	-	-	-	-	-	-	34.2	-	35.5	33.8	32.4	33.5	31.8	190
197	-	-	-	-	-	-	-	-	32.5	-	34.5	32.1	-	32.6	30.1	197
210	-	-	-	-	-	-	-	-	-	-	-	29.3	-	30.6	27.3	210
223	-	-	-	-	-	-	-	-	-	-	-	26.6	-	28.8	24.7	223
236	-	-	-	-	-	-	-	-	-	-	-	-	-	22.7	-	236

ft	196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		ft
	83°	73°	83°	73°	83°	73°	83°	73°	83°	73°	83°	73°	
1,000 lb													
85	34.6	-	-	-	-	-	-	-	-	-	-	-	85
92	33.9	-	-	26.8	-	-	-	-	-	-	-	-	92
98	33.1	-	-	26.4	-	-	21.1	-	-	-	-	-	98
105	32.1	-	-	26.0	-	-	20.7	-	15.8	-	-	-	105
111	31.3	-	-	25.4	-	-	20.5	-	15.8	-	12.3	-	111
118	31.0	-	-	24.9	-	-	20.2	-	15.8	-	12.3	-	118
124	30.6	-	-	24.5	-	-	20.0	-	15.8	-	12.3	-	124
131	30.6	-	-	24.2	-	-	19.8	-	15.8	-	12.3	-	131
138	30.6	-	-	24.2	-	-	19.6	-	15.8	-	12.3	-	138
144	30.6	-	-	24.2	-	-	19.6	-	15.8	-	12.3	-	144
151	30.6	30.2	-	24.2	-	-	19.6	-	15.8	-	12.3	-	151
157	30.6	30.2	-	24.2	24.6	-	19.6	-	15.8	-	12.3	-	157
164	30.4	30.2	-	24.2	24.6	-	19.6	-	15.8	-	12.3	-	164
170	30.2	30.2	-	24.2	24.6	-	19.6	19.8	15.8	-	12.3	-	170
177	29.9	30.2	-	24.2	24.6	-	16.6	19.8	15.8	15.2	12.3	-	177
184	29.7	30.1	-	24.2	24.6	-	16.6	19.8	15.8	15.2	12.3	11.9	184
190	29.5	30.2	-	24.2	24.6	-	16.6	19.8	15.8	15.2	12.3	11.9	190
197	29.0	29.5	29.0	24.0	24.6	-	16.6	19.8	15.8	15.1	12.3	11.9	197
210	28.6	28.2	26.4	24.0	24.2	24.4	19.6	19.8	15.8	15.2	12.3	11.9	210
223	-	26.9	23.8	23.8	23.3	21.8	19.6	19.6	19.8	15.8	15.2	12.3	223
236	-	24.8	21.6	-	22.9	19.6	18.5	19.1	17.6	15.8	15.2	14.9	236
249	-	-	19.8	-	21.6	17.9	16.5	18.5	15.7	15.8	14.9	14.7	249
262	-	-	18.1	-	20.5	16.1	19.6	18.0	13.9	15.8	14.7	13.4	262
275	-	-	-	-	-	14.6	19.6	17.2	12.4	15.8	14.5	11.9	275
289	-	-	-	-	-	-	-	-	10.9	-	14.3	10.5	289
302	-	-	-	-	-	-	-	-	-	-	9.2	-	302
315	-	-	-	-	-	-	-	-	-	-	8.1	-	315
328	-	-	-	-	-	-	-	-	-	-	-	7.7	328
341	-	-	-	-	-	-	-	-	-	-	-	6.6	341

Remarks

* incl. 13.1 ft adapter

Counterweight 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight Further counterweight configurations on request

183.1 ft* Main boom

Radius ft	98.4 ft			118.1 ft			Fly jib 137.8 ft			157.5 ft			177.2 ft			Radius ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lb															
59	56.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
65	54.6	-	-	46.0	-	-	-	-	-	-	-	-	-	-	-	65
72	52.7	-	-	44.1	-	-	37.9	-	-	-	-	-	-	-	-	72
79	51.5	-	-	42.4	-	-	36.5	-	-	34.1	-	-	-	-	-	79
85	51.3	-	-	41.2	-	-	35.5	-	-	33.7	-	-	30.0	-	-	85
92	51.1	-	-	40.9	-	-	34.1	-	-	33.2	-	-	29.5	-	-	92
98	50.9	-	-	40.7	-	-	33.7	-	-	32.8	-	-	29.1	-	-	98
105	50.4	-	-	40.5	-	-	33.5	-	-	32.4	-	-	28.6	-	-	105
111	50.2	48.3	-	40.3	-	-	33.5	-	-	32.2	-	-	28.2	-	-	111
118	49.8	47.6	-	39.9	40.1	-	33.2	-	-	31.7	-	-	27.7	-	-	118
124	-	46.8	-	39.7	40.1	-	33.0	-	-	31.5	-	-	27.5	-	-	124
131	-	45.6	-	39.2	40.1	-	32.8	32.6	-	31.1	-	-	27.1	-	-	131
138	-	44.4	-	39.0	40.0	-	32.8	32.6	-	30.8	30.8	-	26.6	-	-	138
144	-	43.0	43.0	-	39.0	-	32.6	32.6	-	30.6	30.8	-	26.4	24.9	-	144
151	-	41.6	41.6	-	37.9	-	32.6	32.6	-	30.4	30.8	-	26.2	24.9	-	151
157	-	-	39.8	-	36.4	33.8	32.4	32.0	-	30.2	30.8	-	26.0	24.9	-	157
164	-	-	37.7	-	34.6	32.6	-	31.3	-	29.9	30.8	-	25.7	24.9	-	164
170	-	-	35.2	-	33.0	31.6	-	30.2	32.0	29.5	30.2	-	25.5	24.9	-	170
177	-	-	-	-	-	30.4	-	29.1	30.6	-	29.7	-	25.3	24.9	-	177
184	-	-	-	-	-	29.5	-	27.9	29.2	-	28.6	27.5	25.1	24.4	-	184
190	-	-	-	-	-	28.6	-	26.9	28.0	-	27.8	26.5	25.1	24.2	24.2	190
197	-	-	-	-	-	-	-	-	26.6	-	26.8	25.3	-	23.5	23.5	197
210	-	-	-	-	-	-	-	-	24.0	-	-	23.5	-	22.4	22.7	210
223	-	-	-	-	-	-	-	-	-	-	-	22.2	-	21.1	20.9	223
236	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.3	236
249	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.7	249
262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	262

ft	196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		ft			
	83°	73°	83°	73°	83°	73°	83°	73°	83°	73°	83°	73°				
	1,000 lb															
92	24.6	-	-	-	-	-	-	-	-	-	-	-	92			
98	24.6	-	-	19.4	-	-	14.5	-	-	-	-	-	98			
105	24.4	-	-	19.1	-	-	14.5	-	-	9.9	-	-	105			
111	24.2	-	-	19.1	-	-	14.5	-	-	9.9	-	5.9	111			
118	24.0	-	-	18.9	-	-	14.5	-	-	9.9	-	5.9	118			
124	23.8	-	-	18.7	-	-	14.5	-	-	9.9	-	5.9	124			
131	23.5	-	-	18.7	-	-	14.5	-	-	9.9	-	5.9	131			
138	23.3	-	-	18.5	-	-	14.5	-	-	9.9	-	5.9	138			
144	23.1	-	-	18.3	-	-	14.5	-	-	9.9	-	5.9	144			
151	22.9	-	-	18.2	-	-	14.3	-	-	9.9	-	5.9	151			
157	22.7	20.0	-	18.0	-	-	14.3	-	-	9.9	-	5.9	157			
164	22.4	20.0	-	17.8	16.3	-	14.3	-	-	9.9	-	5.9	164			
170	22.2	20.0	-	17.8	16.3	-	14.1	-	-	9.9	-	5.9	170			
177	22.2	20.0	-	17.6	16.3	-	14.1	-	-	9.9	-	5.9	177			
184	22.2	20.0	-	17.6	16.3	-	13.8	11.9	-	9.9	8.8	5.9	184			
190	22.0	20.0	-	17.6	16.3	-	13.8	11.9	-	9.9	8.8	5.9	5.2	190		
197	22.0	19.8	-	17.6	16.3	-	13.8	11.9	-	9.9	8.8	5.9	5.2	197		
210	21.8	19.6	20.0	17.4	16.0	-	13.6	11.9	-	9.9	8.8	5.9	5.2	210		
223	-	19.1	19.8	17.4	15.8	16.0	13.6	11.9	-	9.9	8.8	5.9	5.2	223		
236	-	18.7	19.1	-	15.2	15.6	13.4	11.4	11.6	9.9	8.8	5.9	5.2	236		
249	-	-	18.1	-	14.7	15.2	13.2	11.0	11.2	9.9	8.6	8.8	5.9	5.2	4.8	249
262	-	-	16.5	-	14.1	14.1	-	10.8	11.0	9.9	8.5	8.6	5.9	5.2	4.8	262
275	-	-	-	-	-	12.8	-	10.3	10.3	-	8.3	8.5	5.9	5.2	4.8	275
289	-	-	-	-	-	11.4	-	-	9.6	-	8.3	8.1	5.9	5.2	4.8	289
302	-	-	-	-	-	-	-	-	8.8	-	-	7.4	-	5.2	4.8	302
315	-	-	-	-	-	-	-	-	-	-	-	6.8	-	5.2	4.6	315
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	328
341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	341
354	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354

Remarks

* incl. 13.1 ft adapter

Counterweight 264,600 lb 308,700 lb 352,800 lb 407,900 lb See page 34



Lifting capacities luffing fly jib with SSL 60°, main boom 83°

360° **DIN/ISO**

122.0 ft* Main boom												
Radius	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	Fly jib	216.5 ft	236.2 ft	255.9 ft	275.6 ft	295.3 ft	Radius
ft	83°	83°	83°	83°	83°	196.9 ft	83°	83°	83°	83°	83°	ft
						1,000 lb						
59	165.3	141.2	-	-	-	-	-	-	-	-	-	59
65	149.1	137.3	125.6	-	-	-	-	-	-	-	-	65
72	136.7	127.2	122.3	105.9	-	-	-	-	-	-	-	72
79	127.2	118.3	114.7	103.6	92.4	-	-	-	-	-	-	79
85	119.4	112.5	108.1	99.8	89.6	77.1	-	-	-	-	-	85
92	110.9	105.9	102.8	95.3	86.5	75.1	66.1	54.0	-	-	-	92
98	104.2	100.0	98.4	91.9	83.7	73.3	64.7	53.6	45.2	-	-	98
105	96.3	93.4	93.2	88.1	80.6	71.4	63.0	52.4	44.7	37.0	-	105
111	89.6	88.2	88.8	84.9	78.4	69.6	61.6	51.4	44.1	36.8	29.1	111
118	-	82.1	83.6	81.1	75.8	67.9	59.9	50.2	43.4	36.3	28.8	118
124	-	76.8	79.6	77.9	73.6	66.5	58.9	49.2	42.8	35.7	28.6	124
131	-	70.5	74.6	73.9	71.0	64.8	57.8	48.3	41.9	35.2	28.2	131
138	-	-	69.7	69.7	68.4	63.2	56.6	47.8	41.2	34.5	27.9	138
144	-	-	65.5	66.1	65.8	62.0	55.6	47.2	40.8	34.1	27.5	144
151	-	-	60.7	61.9	62.7	60.3	54.6	46.7	40.3	33.7	27.1	151
157	-	-	-	58.4	59.9	58.5	53.6	46.1	39.7	33.1	26.9	157
164	-	-	-	54.2	56.6	55.7	52.4	45.6	39.2	32.4	26.4	164
170	-	-	-	-	54.0	53.5	50.6	45.0	38.8	32.0	26.2	170
177	-	-	-	-	50.7	50.7	48.7	44.5	38.3	31.3	25.8	177
184	-	-	-	-	47.4	48.1	46.4	43.3	37.8	30.8	25.3	184
190	-	-	-	-	-	45.9	44.4	42.3	37.2	30.2	25.1	190
197	-	-	-	-	-	43.1	42.0	40.9	36.3	29.5	24.6	197
210	-	-	-	-	-	-	38.1	38.1	33.7	28.4	24.0	210
223	-	-	-	-	-	-	34.2	34.8	31.1	27.1	23.3	223
236	-	-	-	-	-	-	-	-	28.7	26.0	22.5	236
249	-	-	-	-	-	-	-	-	26.7	24.7	21.8	249
262	-	-	-	-	-	-	-	-	22.6	23.4	21.1	262
275	-	-	-	-	-	-	-	-	-	22.1	20.5	275
289	-	-	-	-	-	-	-	-	-	-	19.5	289

137.4 ft* Main boom												
Radius	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	Fly jib	216.5 ft	236.2 ft	255.9 ft	275.6 ft	295.3 ft	Radius
ft	83°	83°	83°	83°	83°	196.9 ft	83°	83°	83°	83°	83°	ft
						1,000 lb						
59	147.7	-	-	-	-	-	-	-	-	-	-	59
65	135.1	124.3	-	-	-	-	-	-	-	-	-	65
72	122.3	115.9	110.2	97.0	-	-	-	-	-	-	-	72
79	114.1	106.6	103.3	94.7	86.8	-	-	-	-	-	-	79
85	107.2	101.4	97.3	91.4	85.2	71.6	-	-	-	-	-	85
92	99.5	95.3	91.3	87.4	81.4	70.2	59.4	-	-	-	-	92
98	93.6	90.3	86.9	84.0	78.2	68.0	58.4	50.7	-	-	-	98
105	86.8	84.2	81.7	80.0	74.5	65.2	57.0	49.6	-	33.7	-	105
111	81.0	79.3	77.3	76.7	72.0	62.8	56.0	48.3	41.0	33.7	24.2	111
118	-	73.7	72.1	72.8	69.0	60.8	54.6	47.1	40.3	33.0	24.0	118
124	-	68.8	68.5	69.5	66.6	59.4	53.6	46.1	39.5	32.4	23.8	124
131	-	63.2	64.0	65.8	63.8	57.8	52.2	45.0	38.6	31.7	23.3	131
138	-	-	59.8	62.2	60.7	56.1	50.8	44.0	37.8	31.0	23.1	138
144	-	-	56.0	59.0	58.3	54.7	49.8	43.4	37.2	30.4	22.7	144
151	-	-	51.7	55.5	55.5	53.3	48.4	42.7	36.5	29.9	22.4	151
157	-	-	-	52.4	53.1	51.9	47.2	42.1	36.1	29.5	22.0	157
164	-	-	-	48.7	50.0	49.6	46.0	41.4	35.7	29.3	22.0	164
170	-	-	-	45.7	47.6	47.6	44.6	40.6	35.3	29.1	21.8	170
177	-	-	-	-	44.8	45.2	43.0	39.9	34.6	28.6	21.8	177
184	-	-	-	-	42.0	42.9	41.1	38.7	34.1	28.4	21.6	184
190	-	-	-	-	39.5	40.8	39.3	37.7	33.7	28.0	21.6	190
197	-	-	-	-	-	38.5	37.4	36.1	32.8	27.7	21.3	197
210	-	-	-	-	-	34.1	33.9	32.8	30.8	26.8	21.3	210
223	-	-	-	-	-	-	30.2	29.5	28.4	25.5	20.9	223
236	-	-	-	-	-	-	-	26.5	26.2	24.0	20.0	236
249	-	-	-	-	-	-	-	-	23.8	22.5	19.4	249
262	-	-	-	-	-	-	-	-	21.4	21.0	18.5	262
275	-	-	-	-	-	-	-	-	-	19.4	17.6	275
289	-	-	-	-	-	-	-	-	-	-	16.7	289
302	-	-	-	-	-	-	-	-	-	-	15.8	302
315	-	-	-	-	-	-	-	-	-	-	-	315

152.5 ft* Main boom

Radius	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	Fly jib 196.9 ft	216.5 ft	236.2 ft	255.9 ft	275.6 ft	295.3 ft	Radius
ft	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	ft
59	-	-	-	-	-	1,000 lb	-	-	-	-	-	59
65	127.8	108.0	-	-	-	-	-	-	-	-	-	65
72	112.6	104.4	95.9	-	-	-	-	-	-	-	-	72
79	106.0	96.4	92.5	85.9	-	-	-	-	-	-	-	79
85	102.0	91.6	86.9	83.7	76.0	-	-	-	-	-	-	85
92	97.3	87.8	80.8	78.8	72.9	66.0	-	-	-	-	-	92
98	92.1	84.6	78.0	74.3	70.0	64.0	55.1	44.1	-	-	-	98
105	85.7	80.9	74.5	71.4	67.0	61.7	53.5	43.6	37.4	-	-	105
111	80.1	76.8	71.6	69.0	64.5	59.5	52.1	42.8	37.0	30.8	-	111
118	-	71.7	68.1	66.4	62.6	57.1	50.5	41.9	36.3	30.6	22.0	118
124	-	67.3	65.1	64.1	61.0	55.9	49.1	41.0	35.5	30.0	21.8	124
131	-	61.9	61.4	61.5	59.1	54.5	47.6	40.1	34.6	29.5	21.4	131
138	-	-	57.6	58.7	57.2	53.0	46.2	39.4	33.7	28.8	20.9	138
144	-	-	54.4	55.9	55.6	51.8	45.0	39.0	33.1	28.2	20.7	144
151	-	-	50.6	52.8	53.3	50.4	43.8	38.5	32.6	27.7	20.2	151
157	-	-	-	50.2	51.1	49.2	42.6	38.3	32.4	27.3	20.0	157
164	-	-	-	47.2	48.3	47.4	41.2	37.9	31.9	26.8	19.8	164
170	-	-	-	44.5	46.0	45.5	40.0	37.5	31.7	26.6	19.6	170
177	-	-	-	-	43.4	43.2	38.6	37.0	31.3	26.2	19.4	177
184	-	-	-	-	40.8	41.1	36.9	36.3	31.0	25.7	19.1	184
190	-	-	-	-	38.4	39.1	35.5	35.7	30.6	25.5	18.9	190
197	-	-	-	-	-	36.9	33.6	34.1	30.1	25.1	18.7	197
210	-	-	-	-	-	32.8	30.6	31.3	28.6	24.4	18.2	210
223	-	-	-	-	-	-	27.3	28.2	26.6	23.3	17.8	223
236	-	-	-	-	-	-	-	25.4	24.5	22.0	17.2	236
249	-	-	-	-	-	-	-	22.3	22.5	20.5	16.5	249
262	-	-	-	-	-	-	-	-	20.3	19.2	16.1	262
275	-	-	-	-	-	-	-	-	-	17.9	15.4	275
289	-	-	-	-	-	-	-	-	-	-	14.7	289
302	-	-	-	-	-	-	-	-	-	-	14.1	302

168.0 ft* Main boom

Radius	98.4 ft	118.1 ft	137.8 ft	157.5 ft	177.2 ft	Fly jib 196.9 ft	216.5 ft	236.2 ft	255.9 ft	275.6 ft	295.3 ft	Radius
ft	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	ft
59	-	-	-	-	-	1,000 lb	-	-	-	-	-	59
65	104.7	-	-	-	-	-	-	-	-	-	-	65
72	97.0	88.1	-	-	-	-	-	-	-	-	-	72
79	85.3	80.6	79.0	-	-	-	-	-	-	-	-	79
85	80.7	74.5	72.6	70.5	63.5	-	-	-	-	-	-	85
92	75.2	70.4	65.1	65.5	61.6	52.9	-	-	-	-	-	92
98	70.8	66.8	61.7	61.1	59.0	51.9	45.8	-	-	-	-	98
105	66.3	62.8	58.4	57.3	55.7	49.8	45.1	38.5	-	-	-	105
111	62.7	59.3	55.5	55.0	52.9	48.0	43.7	37.5	31.7	25.1	-	111
118	58.2	55.8	52.3	52.5	50.5	45.8	42.1	36.3	30.8	24.6	18.0	118
124	-	52.6	49.6	50.2	48.5	44.2	40.9	35.1	30.0	24.2	17.8	124
131	-	48.8	47.0	47.9	46.1	42.6	39.2	33.9	29.1	23.6	17.6	131
138	-	45.0	44.6	45.5	43.8	40.9	37.6	32.8	28.1	23.1	17.1	138
144	-	-	42.4	43.3	41.7	39.5	36.4	32.0	27.5	22.5	16.9	144
151	-	-	39.8	40.9	39.6	37.9	34.8	31.0	26.6	21.8	16.5	151
157	-	-	37.6	38.9	38.0	36.4	33.4	30.0	26.0	21.4	16.3	157
164	-	-	-	36.6	36.1	34.8	31.9	29.1	25.1	20.7	15.8	164
170	-	-	-	34.3	34.5	33.6	30.5	28.3	24.5	20.3	15.4	170
177	-	-	-	-	32.6	32.0	29.1	27.3	23.8	19.6	15.0	177
184	-	-	-	-	30.7	30.5	27.9	26.1	22.9	19.1	14.5	184
190	-	-	-	-	29.1	29.1	26.7	25.3	22.2	18.7	14.3	190
197	-	-	-	-	-	27.7	25.5	24.2	21.5	18.0	13.8	197
210	-	-	-	-	-	24.9	23.3	22.2	20.0	16.9	13.0	210
223	-	-	-	-	-	-	20.9	20.0	18.5	16.1	12.1	223
236	-	-	-	-	-	-	-	18.1	17.0	15.0	11.4	236
249	-	-	-	-	-	-	-	15.9	15.6	14.1	11.0	249
262	-	-	-	-	-	-	-	-	14.1	13.0	10.3	262
275	-	-	-	-	-	-	-	-	-	12.1	9.9	275
289	-	-	-	-	-	-	-	-	-	11.2	9.2	289
302	-	-	-	-	-	-	-	-	-	-	8.8	302



Lifting capacities luffing fly jib with SSL 60°, main boom 83°



360°

DIN/ISO

183.1 ft* Main boom

Radius ft	98.4 ft		118.1 ft		137.8 ft		157.5 ft		177.2 ft		Fly jib 196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		Radius ft
	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	83°	1,000 lb	
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59
65	85.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65
72	82.4	70.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72
79	74.5	68.6	59.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	79
85	71.5	65.2	58.1	54.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85
92	67.8	61.6	54.8	52.2	49.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92
98	64.6	58.6	52.3	50.3	47.7	44.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98
105	61.0	55.3	50.2	48.4	46.2	42.9	38.5	33.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	105
111	57.8	52.3	48.4	47.0	44.8	41.9	37.5	32.6	26.4	-	-	-	-	-	-	-	-	-	-	-	-	-	111
118	54.0	49.4	46.3	45.4	43.4	40.5	36.6	31.7	26.0	19.8	-	-	-	-	-	-	-	-	-	-	-	-	118
124	-	47.2	44.5	43.8	42.2	39.5	35.6	30.9	25.2	19.4	13.2	-	-	-	-	-	-	-	-	-	-	-	124
131	-	44.4	41.9	42.1	40.8	38.6	34.4	30.0	24.4	18.7	12.8	-	-	-	-	-	-	-	-	-	-	-	131
138	-	41.5	39.3	40.5	39.4	37.4	33.4	29.0	23.5	18.2	12.5	-	-	-	-	-	-	-	-	-	-	-	138
144	-	-	37.1	38.6	38.2	36.4	32.6	28.2	22.7	17.6	12.1	-	-	-	-	-	-	-	-	-	-	-	144
151	-	-	34.5	36.5	37.0	35.4	31.5	27.5	22.0	17.1	11.8	-	-	-	-	-	-	-	-	-	-	-	151
157	-	-	32.3	34.7	35.6	34.4	30.7	26.7	21.4	16.5	11.4	-	-	-	-	-	-	-	-	-	-	-	157
164	-	-	-	32.6	33.7	33.5	29.7	25.8	20.9	16.3	11.2	-	-	-	-	-	-	-	-	-	-	-	164
170	-	-	-	30.8	32.3	32.3	28.9	24.9	20.5	15.9	11.0	-	-	-	-	-	-	-	-	-	-	-	170
177	-	-	-	-	30.6	30.8	28.0	24.0	19.8	15.6	10.8	-	-	-	-	-	-	-	-	-	-	-	177
184	-	-	-	-	28.8	29.4	26.8	23.1	19.3	15.4	10.7	-	-	-	-	-	-	-	-	-	-	-	184
190	-	-	-	-	27.4	28.2	25.8	22.5	18.9	15.0	10.5	-	-	-	-	-	-	-	-	-	-	-	190
197	-	-	-	-	-	26.8	24.6	21.3	18.2	14.7	10.5	-	-	-	-	-	-	-	-	-	-	-	197
210	-	-	-	-	-	24.2	22.4	19.6	17.1	14.1	10.3	-	-	-	-	-	-	-	-	-	-	-	210
223	-	-	-	-	-	-	20.3	17.8	15.8	13.4	10.1	-	-	-	-	-	-	-	-	-	-	-	223
236	-	-	-	-	-	-	-	15.9	14.7	12.5	9.7	-	-	-	-	-	-	-	-	-	-	-	236
249	-	-	-	-	-	-	-	14.1	13.4	11.7	9.2	-	-	-	-	-	-	-	-	-	-	-	249
262	-	-	-	-	-	-	-	-	12.1	10.8	8.6	-	-	-	-	-	-	-	-	-	-	-	262
275	-	-	-	-	-	-	-	-	-	9.9	8.1	-	-	-	-	-	-	-	-	-	-	-	275
289	-	-	-	-	-	-	-	-	-	9.0	7.4	-	-	-	-	-	-	-	-	-	-	-	289
302	-	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-	-	-	-	-	-	-	-	302
315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	315

Remarks

Counterweight 132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,700 lb 352,800 lb 407,900 lb

Max. capacities with minimum counterweight

Further counterweight configurations on request

Notes to lifting capacity



Ratings are in compliance with ISO 4305 and DIN 15019.2 (test load = 1.25 x suspended load + 0.1 x dead weight of boom reduced to boom point). Lifting capacities above 407,900 lb only with special equipment.
Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Crane operation is permissible up to a
wind pressure of 1.25 lb/ft²
wind speed of 32 ft/s

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes.
Crane operation is subject to the computer charts and operation manual both supplied with the crane.

Technical description

Carrier

Drive/steering:	16 x 8 x 14.
Frame:	Demag-built special main frame of high-strength fine-grain structural steel, with pot-shaped centre section and foldaway outrigger boxes.
Outriggers:	4-point outrigger system, folding outrigger beams, fully hydraulic horizontal and vertical extension, providing 360° continuous rotation. Outrigger loading indicator.
Engine:	Water-cooled 8-cylinder DaimlerChrysler diesel engine OM 502 LA, output 448 kW (610 hp) at 1800 1/min, torque 2700 Nm at 1200 1/min. Fuel tank capacity: 156 gallons.
Transmission:	Allison type CLBT 755 with electronic transmission control (ATEC), torque converter and hydraulic retarder.
Axles:	1 + 2 + 5 driving, connectable drive of axle 3, 1-4 and 6-8 steering, all axles hydropneumatically suspended and hydraulically blockable.
Wheels and tires:	16 wheels, 14.00-R 25.
Steering:	Dual-circuit semiblock mechanical steering with hydraulic booster.
Brakes:	In conformity with EC-directives. Sustained action brake: constant decompression valve, exhaust brake, hydr. retarder integrated into gearbox.
Electrical equipment:	24 V system, lighting in compliance with German StVZO.
Driver's cab:	Rubber-mounted low-line steel cab, ergonomic design, with pneumatically suspended driver's seat and one passenger's seat; vertically adjustable steering wheel; heated outside mirrors, mirror electrically adjustable; dashboard with clearly arranged instrumentation and carrier controls.


Superstructure


Engine:	Water-cooled 6-cylinder DaimlerChrysler diesel engine OM 906 LA, output: 205 kW (279 hp) at 2300 1/min, torque 1100 Nm at 1300 1/min. Fuel tank capacity: 79 gallons.
Hydraulic system:	Powered via 5 hydraulic circuits, 4 main pumps for independent control movements, 1 pump for auxiliary circuits, one control pump for the servo control.
Hoist I:	Axial-piston variable displacement motor, hoist drum with integrated planetary gear reducer, and brake.
Slew unit:	Axial piston motor with planetary gearing, spring-applied automatic holding brake.
Boom elevation:	2 differential cylinders with pilot-controlled lowering brake valves.
Control:	Electrical pilot-control by two self-centering servo levers.
Crane cab:	Spacious all-steel comfortable cab (tiltable) with sliding door and large hinged windscreen, roof window with armoured glass, full instrumentation and crane controls, comfortable seat with ergonomic armrest mounted joystick controls, working light. Self-contained hot water heater with timer and 'Heizmatic' for sensitive heat flow control. Intermittent control window wiper and washer, air-conditioning.
Main boom:	Boom base and four telescopic sections fabricated from fine grain structural steel, telescoping with partial load. Buckling-resistant Demag ovaloid design with diagonally arranged self-centering slider shoes.
Counterweight:	220,500 lb, divisible.
Safety devices:	Electronic safe load indicator with large graphic display and sealed touch-type keyboard, digital read-out for hook load, nominal load, boom length, angle, and radius. Analog display to indicate the capacity utilization, and monitoring code to assist in trouble shooting. Integrated control system for boom telescoping, display for load charts and both theoretical and measured outrigger loadings. In addition, provision has been made for: limit switches on hoist and lowering motions, pressure relief and safety holding valves, hoist rotation indicator and anemometer.

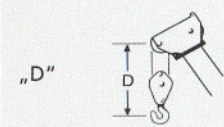
Optional equipment

Superlift attachment:	This attachment is used to increase the crane's load moment. It consists of the boom suspension mast with pendant ropes, which provides for an automatic rope length adjustment for boom telescoping, and a 132,300 lb additional counterweight. The suspension mast is lowered to the main boom when not needed, or for road transport (axle loads to be observed).
Main boom extension:	Lattice extension consisting of components of the 295.3 ft luffing jib, 19.7 – 98.4 ft long, 0°, 20° and 40° offset from 39.3 ft length.
Fixed fly jib:	Fixed lattice jib, comprising of parts of the luffing jib, 27.6 – 204.7 ft long (system LF).
Luffing jib:	78.7 – 295.3 ft, plus 13.1 ft adapter, with two luffing masts, pendant bars, electrical equipment, safety devices (hoist II is required when using the luffing jib).
Additional counterweight:	132,300 lb, integrated into the standard counterweight, installed by the crane itself.
Additional jack leg:	For special duties with 48.2 ft main boom.
Hoist II:	Axial piston variable displacement motor, hoist drum with integrated planetary reduction, spring-applied multi-disk brake, hoist rope.
Independent rear axle steering	

Key

 Counterweight

 Lifting capacities on outriggers 360°



SL: Superlift

Overview of standard duty charts

31.6 x 31.5 ft

Main boom		Main boom									
		0	44.1	88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		1,000 lb									
		360°	360°	360°	360°	360°	360°	360°	360°	360°	
48.2 ft		x	x	x	x	x	x	x	x	-	
63.3 ft		x	x	x	x	x	x	x	x	-	
78.7 ft		x	x	x	x	x	x	x	x	-	
93.8 ft		x	x	x	x	x	x	x	x	-	
108.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL + SSL	
124.3 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL + SSL	
139.4 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL + SSL	
154.9 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL + SSL	
170.0 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL + SSL	
183.7 ft		x	x	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL + SSL	

26.4 x 24.0 ft

Main boom		Main boom					
		0	44.1	88.2	132.3	176.4	220.5
		1,000 lb					
		360°	360°	360°	360°	360°	
48.2 ft		x	x	x	x	x	
63.3 ft		x	x	x	x	x	
78.7 ft		x	x	x	x	x	
93.8 ft		x	x	x	x	x	
108.9 ft		x	x	x	x	x	
124.3 ft		x	x	x	x	x	
139.4 ft		x	x	x	x	x	
154.9 ft		-	x	x	x	x	
170.0 ft		-	x	x	x	x	
183.7 ft		-	x	x	x	x	

31.6 x 31.5 ft

Main boom	Extension	Main boom extension									
		1,000 lb									
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9		
183.7 ft	19.7 ft - 0°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	39.3 ft - 0°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	59.0 ft - 0°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	78.7 ft - 0°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	98.4 ft - 0°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	39.3 ft - 0°	SSL=30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL
	59.0 ft - 0°	SSL=30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL
	78.7 ft - 0°	SSL=30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL
	98.4 ft - 0°	SSL=30°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL
	39.3 ft - 20°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL
59.0 ft - 20°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL	
78.7 ft - 20°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL	
98.4 ft - 20°	SSL=0°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL	+ SSL	
39.3 ft - 40°	SSL=0°	x	x	x	x/+SSL	x/+SSL	+ SSL	+ SSL	-	-	
59.0 ft - 40°	SSL=0°	x	x	x	x/+SSL	x/+SSL	+ SSL	+ SSL	-	-	
78.7 ft - 40°	SSL=0°	x	x	x	x/+SSL	x/+SSL	+ SSL	+ SSL	-	-	
98.4 ft - 40°	SSL=0°	x	x	x	x/+SSL	x/+SSL	+ SSL	+ SSL	-	-	

26.4 x 24.0 ft

Main boom	Extension	Main boom extension					
		1,000 lb					
		88.2	132.3	176.4	220.5		
183.7 ft	19.7 ft - 0°			x	x	x	x
	39.3 ft - 0°			x	x	x	x
	59.0 ft - 0°			x	x	x	x
	78.7 ft - 0°			x	x	x	x
	98.4 ft - 0°			x	x	x	x
	39.3 ft - 20°			x	x	x	x
	59.0 ft - 20°			x	x	x	x
	78.7 ft - 20°			x	x	x	x
	98.4 ft - 20°			x	x	x	x
	39.3 ft - 40°			x	x	x	x
59.0 ft - 40°			x	x	x	x	
78.7 ft - 40°			x	x	x	x	
98.4 ft - 40°			x	x	x	x	

31.6 x 31.5 ft

Main boom	Jib	Fixed fly jib									
		1,000 lb									
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9		
139.4 ft	27.6 ft - 0°		x	x	x	x	x	x	x	-	
	47.2 ft - 0°		x	x	x	x	x	x	x	-	
	66.9 ft - 0°		x	x	x	x	x	x	x	-	
	86.6 ft - 0°		x	x	x	x	x	x	x	-	
	106.3 ft - 0°		x	x	x	x	x	x	x	-	
	126.0 ft - 0°		x	x	x	x	x	x	x	-	
	145.7 ft - 0°		x	x	x	x	x	x	x	-	
	165.4 ft - 0°		x	x	x	x	x	x	x	-	
	185.0 ft - 0°		x	x	x	x	x	x	x	-	
	204.7 ft - 0°		x	x	x	x	x	x	x	-	
	86.6 ft - 20°		x	x	x	x	x	x	-	-	
	106.3 ft - 20°		x	x	x	x	x	x	-	-	
	126.0 ft - 20°		x	x	x	x	x	x	-	-	
	145.7 ft - 20°		x	x	x	x	x	x	-	-	
	165.4 ft - 20°		x	x	x	x	x	x	-	-	
	185.0 ft - 20°		x	x	x	x	x	x	-	-	
	204.7 ft - 20°		x	x	x	x	x	x	-	-	
	86.6 ft - 40°		x	x	x	x	x	-	-	-	
106.3 ft - 40°		x	x	x	x	x	-	-	-		
126.0 ft - 40°		x	x	x	x	x	-	-	-		
145.7 ft - 40°		x	x	x	x	x	-	-	-		
165.4 ft - 40°		x	x	x	x	x	-	-	-		
185.0 ft - 40°		x	x	x	x	x	-	-	-		
204.7 ft - 40°		x	x	x	x	x	-	-	-		

Fixed fly jib

Main boom	Jib	Fixed fly jib									
		1,000 lb									
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9		
170.0 ft	SSL 0° + 30°										
	27.6 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	47.2 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	66.9 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	86.6 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	106.3 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	126.0 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	145.7 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	165.4 ft - 0°	x	x	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	x/+SSL	+ SSL	+ SSL
	SSL 0°										
86.6 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	-	-	-	
106.3 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	-	-	-	
126.0 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	-	-	-	
145.7 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	-	-	-	
165.4 ft - 20°	x	x	x	x/+SSL	x/+SSL	x/+SSL	+ SSL	-	-	-	
SSL 0°											
86.6 ft - 40°	x	x	x	x/+SSL	x/+SSL	+ SSL	-	-	-	-	
106.3 ft - 40°	x	x	x	x/+SSL	x/+SSL	+ SSL	-	-	-	-	
126.0 ft - 40°	x	x	x	x/+SSL	x/+SSL	+ SSL	-	-	-	-	
145.7 ft - 40°	x	x	x	x/+SSL	x/+SSL	+ SSL	-	-	-	-	
165.4 ft - 40°	x	x	x	x/+SSL	x/+SSL	+ SSL	-	-	-	-	

** 80 t only SSL 30°

31.6 x 31.5 ft

Luffing fly jib

Main boom	Jib	1,000 lb							
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		83° / 73° / 65°							
61.35 ft* 76.44 ft* 91.86 ft* 106.96 ft* 122.05 ft*	78.7 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	98.4 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	236.2 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	255.9 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
295.3 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	

Main boom	Jib	1,000 lb							
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		83° / 73° / 65°							
167.98 ft*	78.7 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	98.4 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	118.1 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	137.8 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	157.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	177.2 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	196.9 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	216.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	236.2 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	255.9 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	-
295.3 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	-	

Main boom	Jib	1,000 lb							
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		83° / 73° / 65°							
137.47 ft*	78.7 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	98.4 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	236.2 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	255.9 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
295.3 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	

Main boom	Jib	1,000 lb							
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		83° / 73° / 65°							
183.07 ft*	78.7 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	98.4 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	118.1 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	137.8 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	157.5 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	177.2 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	196.9 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	216.5 ft	-	x/-	x/-	x/x/x	x/x/x	-	-	-
	236.2 ft	-	-	x/-	x/x/x	x/x/x	-	-	-
	255.9 ft	-	-	x/-	x/x/x	x/x/x	-	-	-
	275.6 ft	-	-	-	x/x/x	x/x/x	-	-	-
295.3 ft	-	-	-	x/x/x	x/x/x	-	-	-	

Main boom	Jib	1,000 lb							
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		83° / 73° / 65°							
152.56 ft*	78.7 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	98.4 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	118.1 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	137.8 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	157.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	177.2 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	196.9 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	216.5 ft	-	x/-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	236.2 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	255.9 ft	-	-	x/-	x/x/x	x/x/x	x/x/x	x/x/x	-
	275.6 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	-
295.3 ft	-	-	-	x/x/x	x/x/x	x/x/x	x/x/x	-	

** incl. 13.1 ft adapter

with SSL 0°

Main boom	Jib	Main boom 122.05 ft**				Main boom 152.56 ft**			
		264.6	308.7	352.8	407.9	264.6	308.7	352.8	407.9
		1,000 lb							
•	98.4 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	236.2 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	255.9 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	275.6 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	295.3 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x

Main boom	Jib	Main boom 167.98 ft**				Main boom 183.07 ft**			
		264.6	308.7	352.8	407.9	264.6	308.7	352.8	407.9
		1,000 lb							
•	98.4 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	118.1 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	137.8 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	157.5 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	177.2 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	196.9 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	216.5 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	236.2 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	255.9 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	275.6 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
	295.3 ft	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x

with SSL 60°

26.4 x 24.0 ft

Main boom	Jib	1,000 lb							
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		83°							
122.05 ft** 137.47 ft** 152.56 ft** 167.98 ft** 183.04 ft**	98.4 ft	-	-	x	x	x	x	x	x
	118.1 ft	-	-	x	x	x	x	x	x
	137.8 ft	-	-	x	x	x	x	x	x
	157.5 ft	-	-	x	x	x	x	x	x
	177.2 ft	-	-	x	x	x	x	x	x
	196.9 ft	-	-	x	x	x	x	x	x
	216.5 ft	-	-	x	x	x	x	x	x
	236.2 ft	-	-	x	x	x	x	x	x
	255.9 ft	-	-	x	x	x	x	x	x
	275.6 ft	-	-	-	x	x	x	x	x
	295.3 ft	-	-	-	x	x	x	x	x

Main boom	Jib	1,000 lb							
		88.2	132.3	176.4	220.5	264.6	308.7	352.8	407.9
		83° / 73° / 65°							
61.35 ft** 76.44 ft** 91.86 ft** 106.96 ft** 122.05 ft** 137.47 ft** 152.56 ft** 167.98 ft** 183.04 ft**	78.7 ft	-	x	x	x	-	-	-	-
	98.4 ft	-	x	x	x	-	-	-	-
	118.1 ft	-	x	x	x	-	-	-	-
	137.8 ft	-	x	x	x	-	-	-	-
	157.5 ft	-	x	x	x	-	-	-	-
	177.2 ft	-	x	x	x	-	-	-	-
	196.9 ft	-	x	x	x	-	-	-	-
	216.5 ft	-	-	x	x	x	-	-	-
	236.2 ft	-	-	-	x	x	-	-	-
	255.9 ft	-	-	-	-	x	-	-	-
	295.3 ft	-	-	-	-	-	x	-	-

