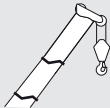


AC 700-9



All Terrain Crane

800UST CAPACITY CLASS

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Dimensions	5
Specifications.....	6
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Boom combinations.....	12
 HA Main boom	14
HA-SSL Main boom with SSL	18
 HAV Folding swing-away jib	20
HAV-SSL Folding swing-away jib with SSL	22
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 WIHI Luffing fly jib	30
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	Counterweight
	Lifting capacities on outriggers · 360°
	Radius
	Main boom
	Folding swing-away jib
	Fixed fly jib
	Luffing fly jib
	Boom telescoping
	Boom elevation
	Adapter
	Max. axle loads
	Mechanism
	Tires
	Hook block
	Hoist
	Sideways Superlift
	Travel speed
	Gradeability – road
	Gradeability – off road

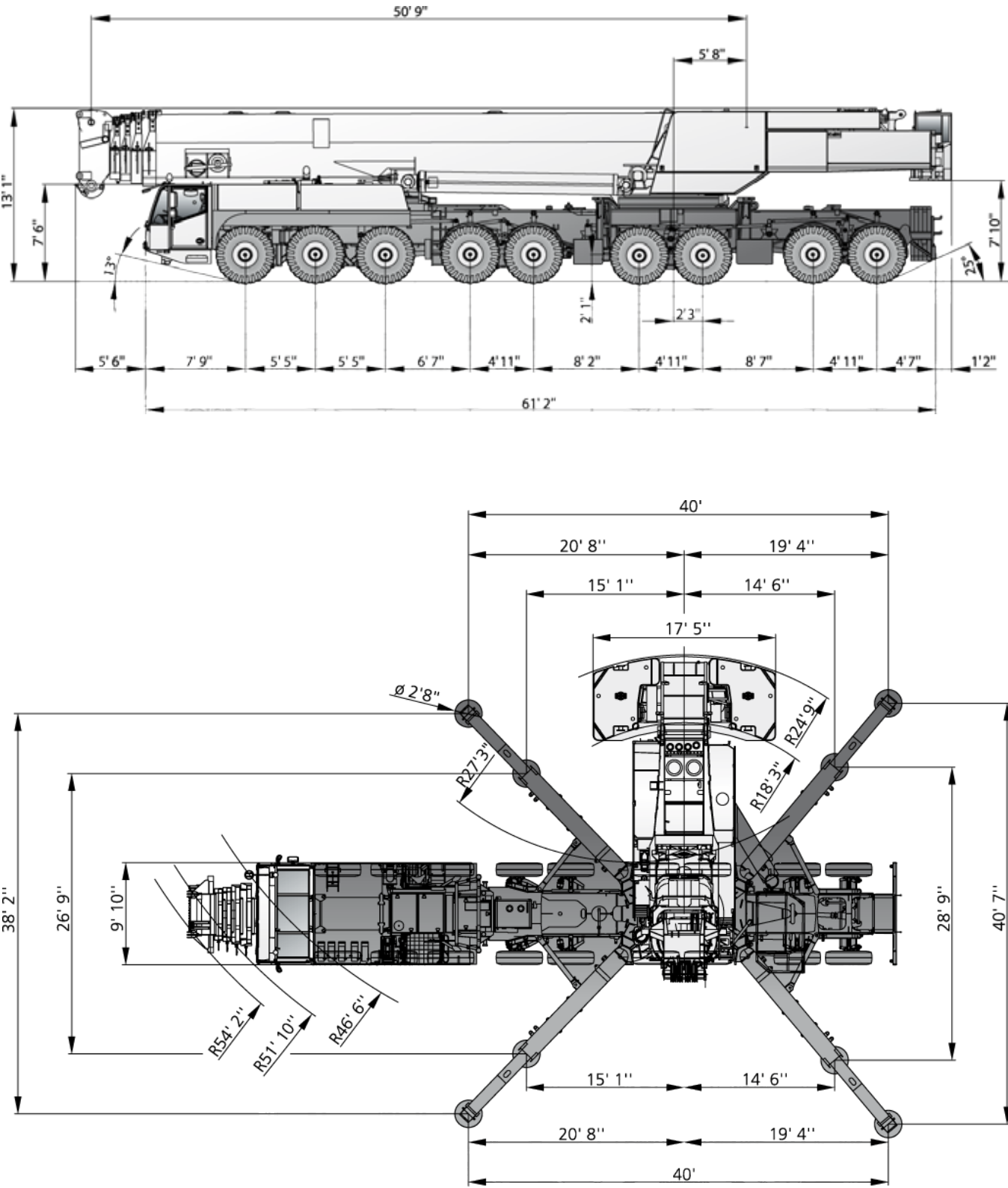
	Slewing
	Working speeds
	Max. line pull
	Rope diameter
	Rope length
	Hook block (capacity-sheaves-rope diameter)
	Number of lines
	Possible load of hook block
	Weight of hook block
	Distance head sheave axle – hook ground
	Number of sheaves in boom head
	Front outrigger
	Rear outrigger
	Supporting force
	Length of stroke (support cylinders)
	Payload incl. rear storage box

- ▶ With a 196.9 ft telescopic boom this crane disposes of the longest system length of all 9 axle cranes that can travel at 26,500 lb axle load
- ▶ SSL-Technology (Sideways Superlift) available for additional increase in lifting capacity
- ▶ High stiffness and minimum deformation thanks to the star-type outriggers
- ▶ Maximum system length 490.5 ft
- ▶ State-of-the-art, powerful drive technology provides high performance and cost-efficient operation, on the road as well as on the site
- ▶ Fast rigging and optimized transport weights for all configurations



DIMENSIONS

AC 700-9

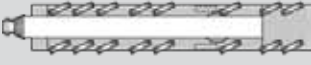
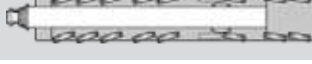


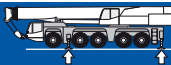
Loads with reduced outrigger base on request

SPECIFICATIONS

AC 700-9

									
	Total								
18,740 lb	136,700 lb	18x8x16	385/95R25	–	–	–	–	–	–
26,500 lb	238,100 lb	18x8x16	385/95R25	–	X	–	–	–	10,360 lb
30,210 lb	271,200 lb	18x8x16	385/95R25	40-1-26	X	X	X	–	–
32,000 lb	275,600 lb	18x8x16	385/95R25	40-1-26	X	–	X	X	–
34,180 lb	306,500 lb	18x8x16	385/95R25	40-1-26	X	X	X	X	10,360 lb

	1 Road travel		3 Crab steer mode
	2 Manually steered		

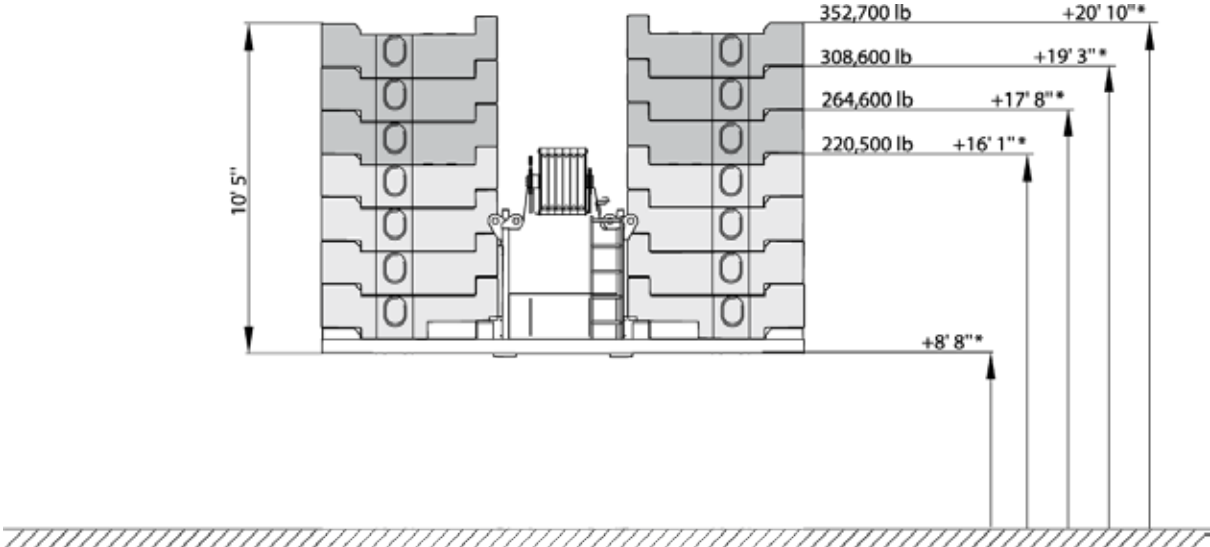
			
	408,000 lb	408,000 lb	46.6 mph ¹⁾
	21.7"	21.7"	

¹⁾ Depending on tire type, size and country specific legislation

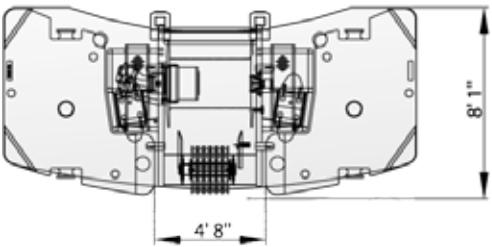
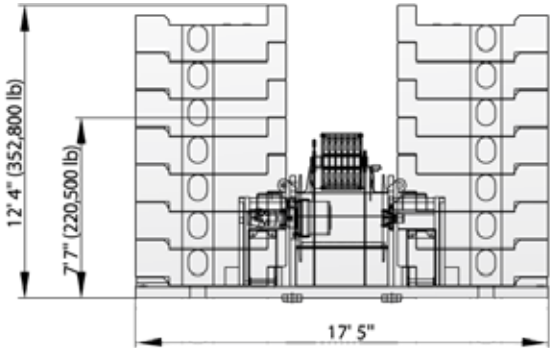
	
	385 / 95 R25 14.00 R25
	35 %
	40 %

				
				
1	446.2 ft/min	30,350 lbf	1.02"	1805 ft
2	492.1 ft/min	30,350 lbf	1.02"	2526 ft
	0,7 min ⁻¹			
	ca. 480 s (50.9–196.9 ft)			
	ca. 120 s (-5° – +83°)			

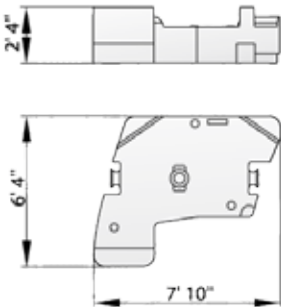
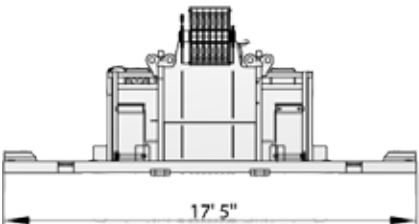
					
1	30,000 lb	15-0-26	9	1,980 lb	6.6 ft
2	59,540 lb	40-1-26	9	2,650 lb	8.9 ft
3	88,860 lb	40-1-26	9	2,650 lb	8.9 ft
4	118,000 lb	100-3-26	9	3,970 lb	9.8 ft
5	146,600 lb	100-3-26	9	3,970 lb	9.8 ft
6	175,100 lb	100-3-26	9	3,970 lb	9.8 ft
7	203,300 lb	100-3-26	9	3,970 lb	9.8 ft
8	231,100 lb	160-5-26	9	4,850 lb	9.8 ft
9	258,700 lb	160-5-26	9	4,850 lb	9.8 ft
10	286,000 lb	160-5-26	9	4,850 lb	9.8 ft
11	313,100 lb	160-5-26	9	4,850 lb	9.8 ft
12	339,800 lb	200-7-26	9	5,730 lb	9.8 ft
13	366,300 lb	200-7-26	9	5,730 lb	9.8 ft
14	392,700 lb	200-7-26	9	5,730 lb	9.8 ft
15	418,500 lb	200-7-26	9	5,730 lb	9.8 ft
16	444,300 lb	250-9-26	9	6,170 lb	14.8 ft
17	469,900 lb	250-9-26	9	6,170 lb	14.8 ft
18	495,000 lb	250-9-26	9	6,170 lb	14.8 ft
19	520,000 lb	250-9-26	9 + S1	6,170 lb	14.8 ft
20	544,600 lb	320-11-26	9 + S1	7,720 lb	14.8 ft
21	569,100 lb	320-11-26	9 + S1	7,720 lb	14.8 ft
22	593,400 lb	320-11-26	9 + S1	7,720 lb	14.8 ft
23	617,400 lb	320-11-26	9 + S1	7,720 lb	14.8 ft
24	641,000 lb	320-13-26	9 + S1	8,820 lb	14.8 ft
25	664,600 lb	320-13-26	9 + S1	8,820 lb	14.8 ft
26	688,000 lb	320-13-26	9 + S1	8,820 lb	14.8 ft



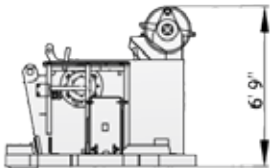
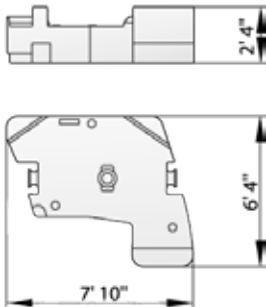
* Tail swing above ground



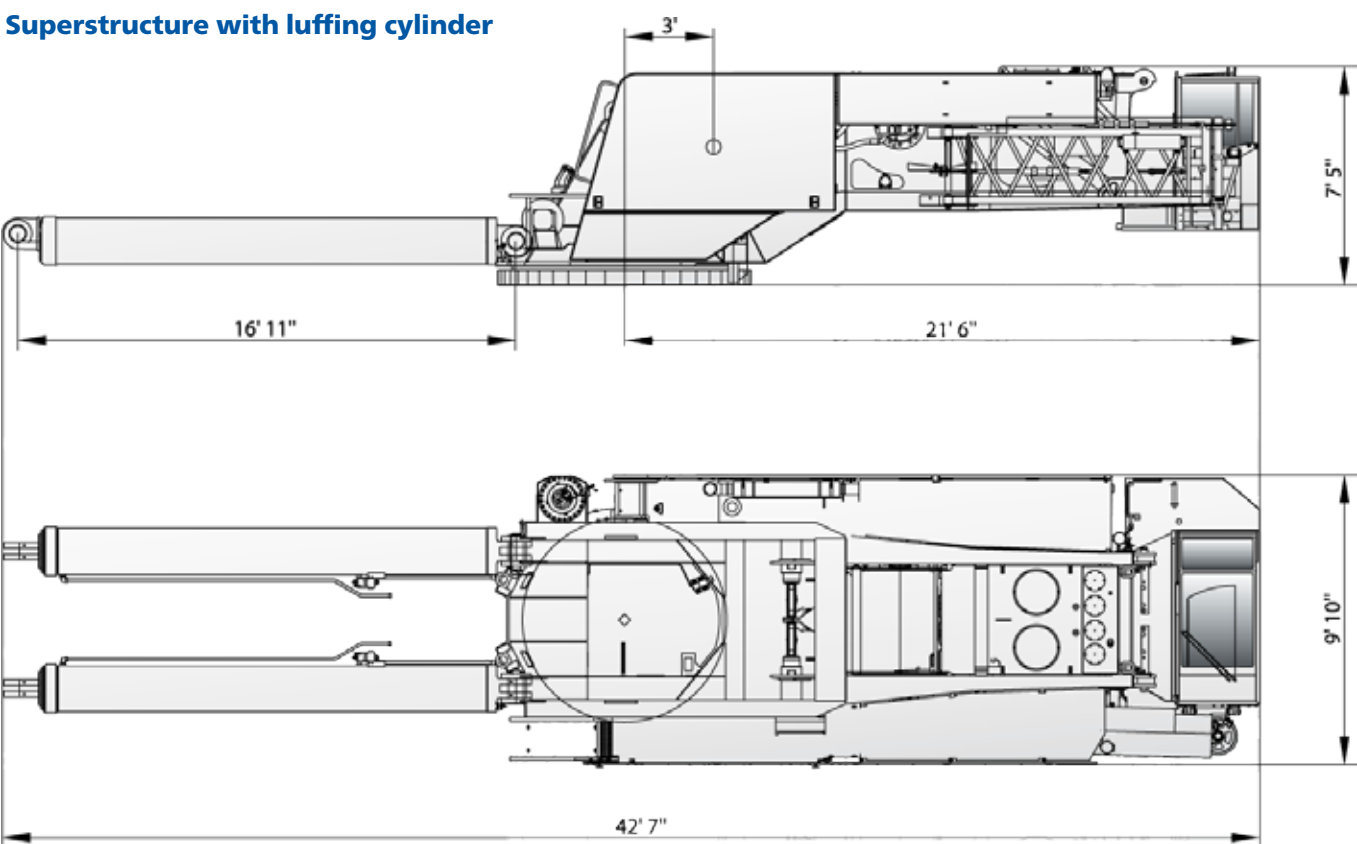
44,100 lb



22,050 lb



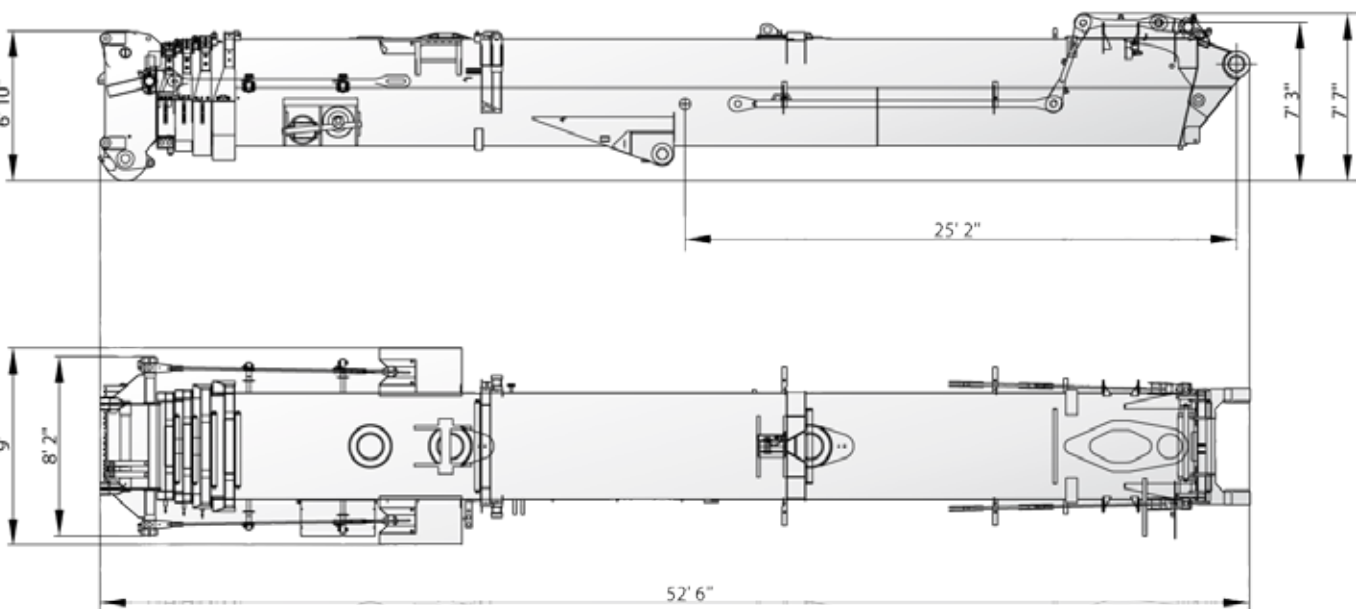
Superstructure with luffing cylinder



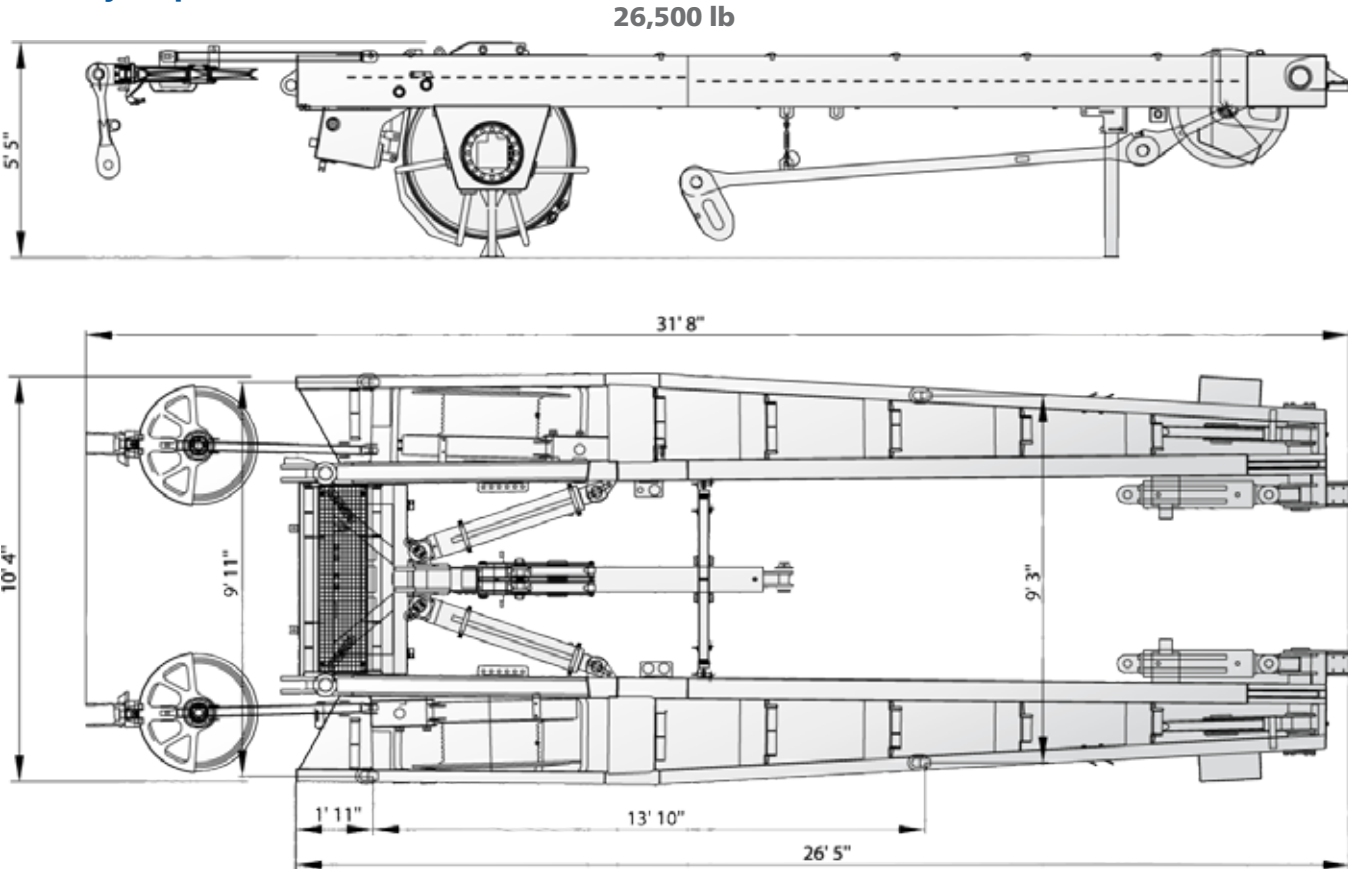
* incl. luffing cylinder

Main boom

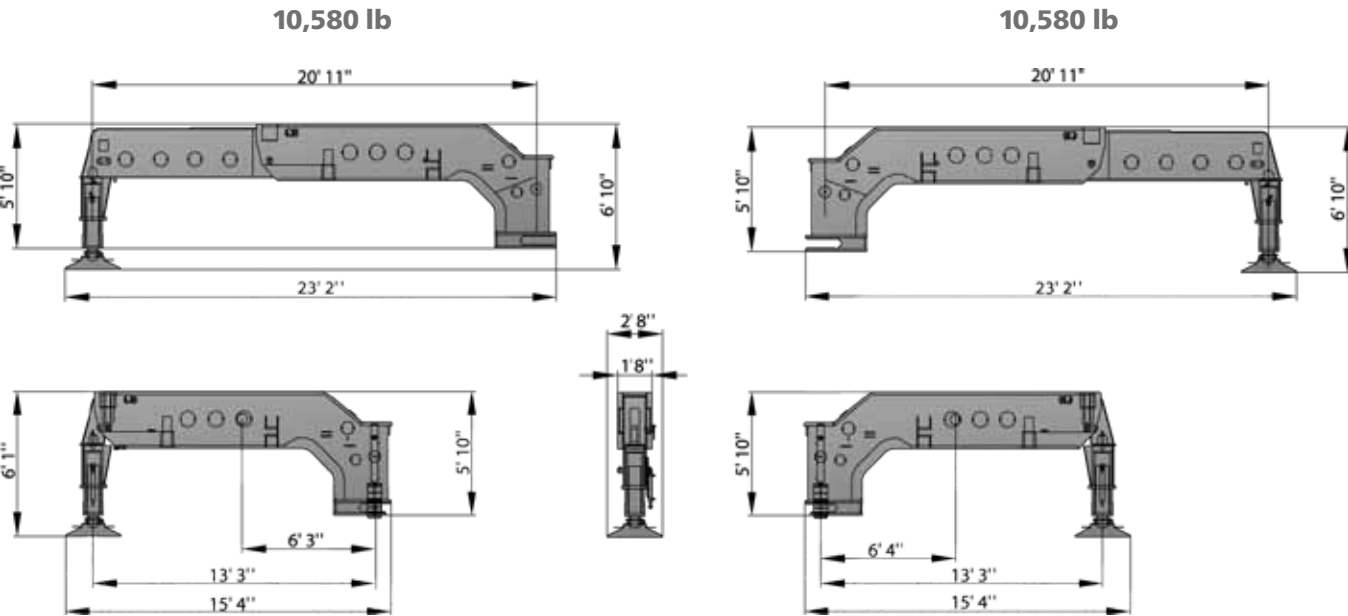
92,600 lb



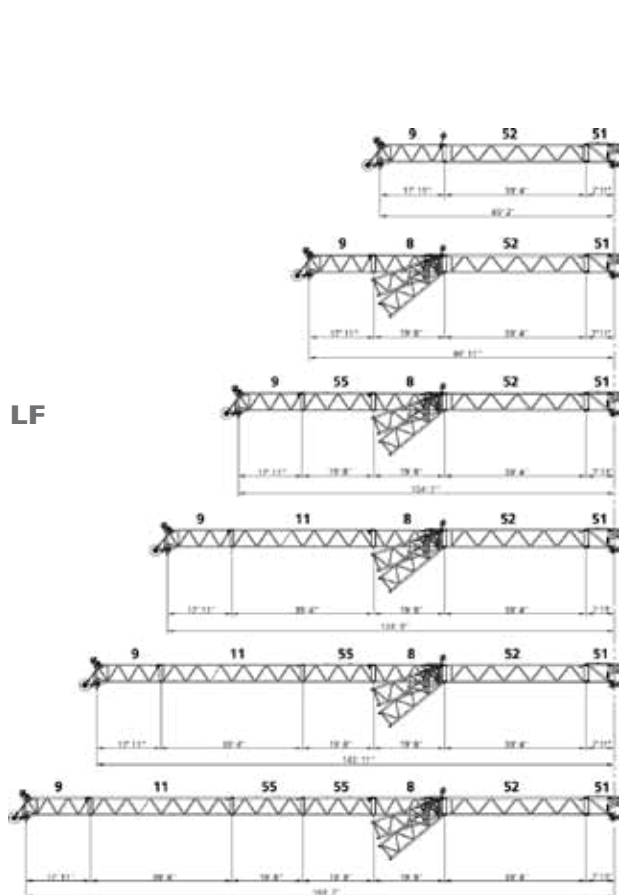
Sideways Superlift SSL



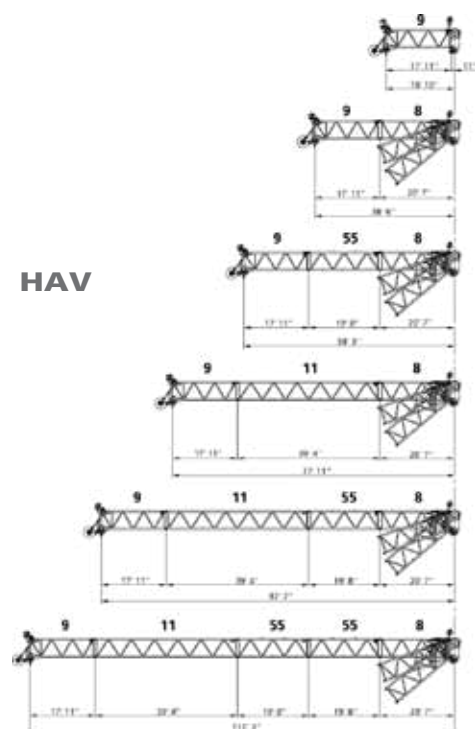
Outriggers



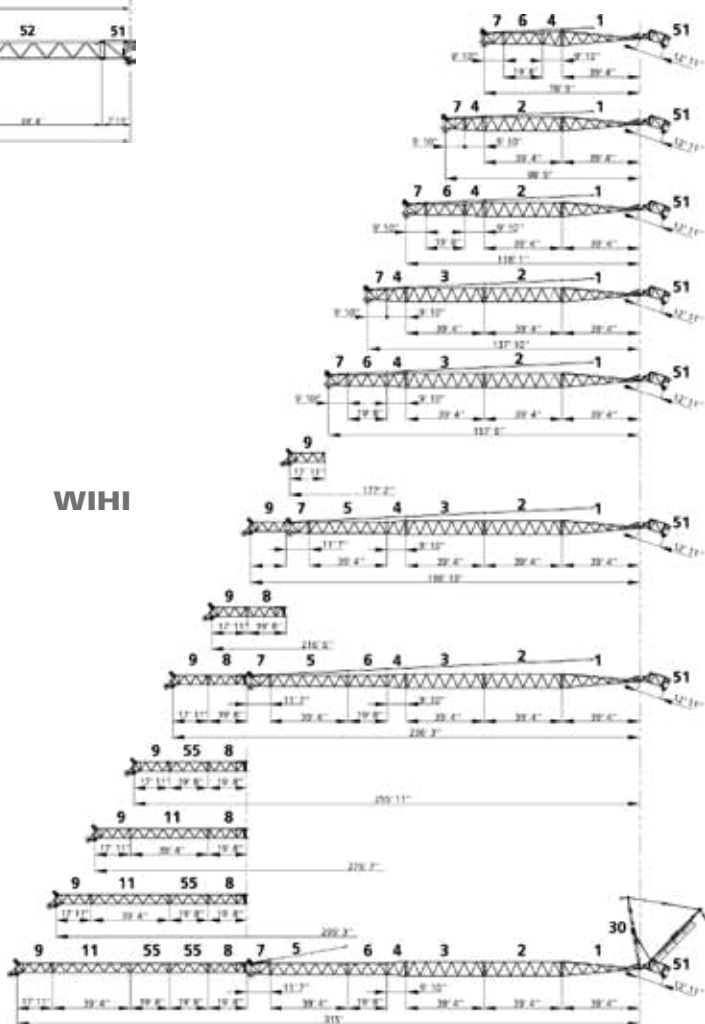
LF

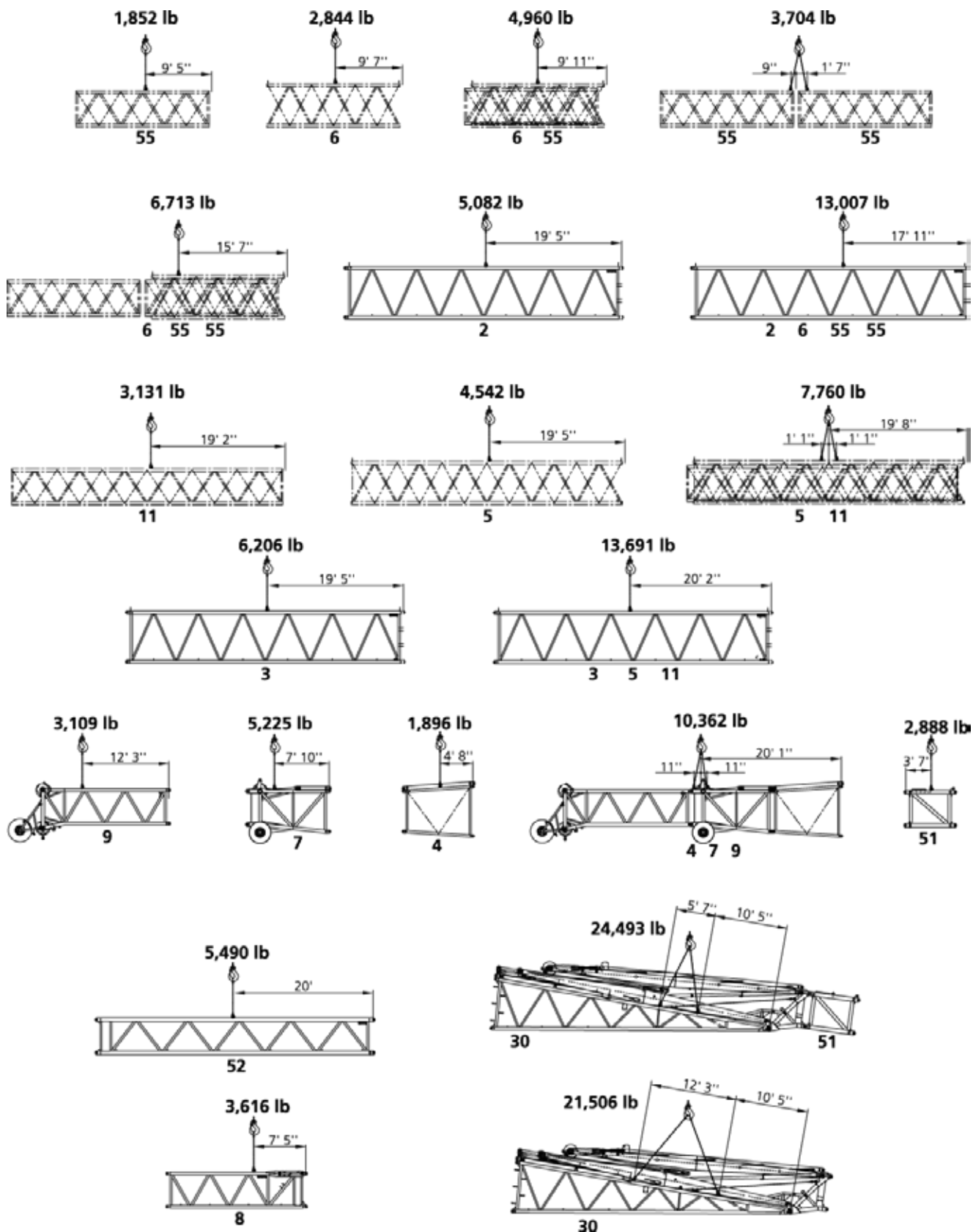


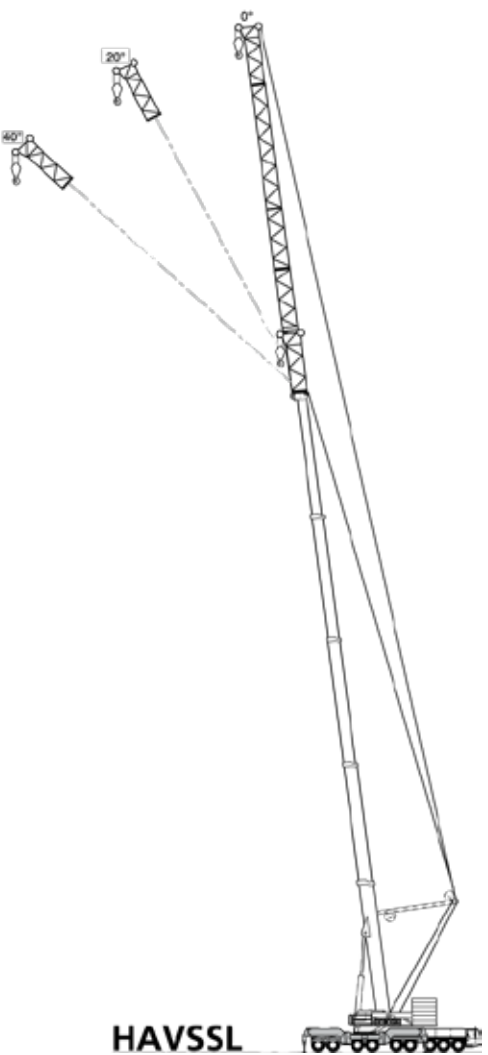
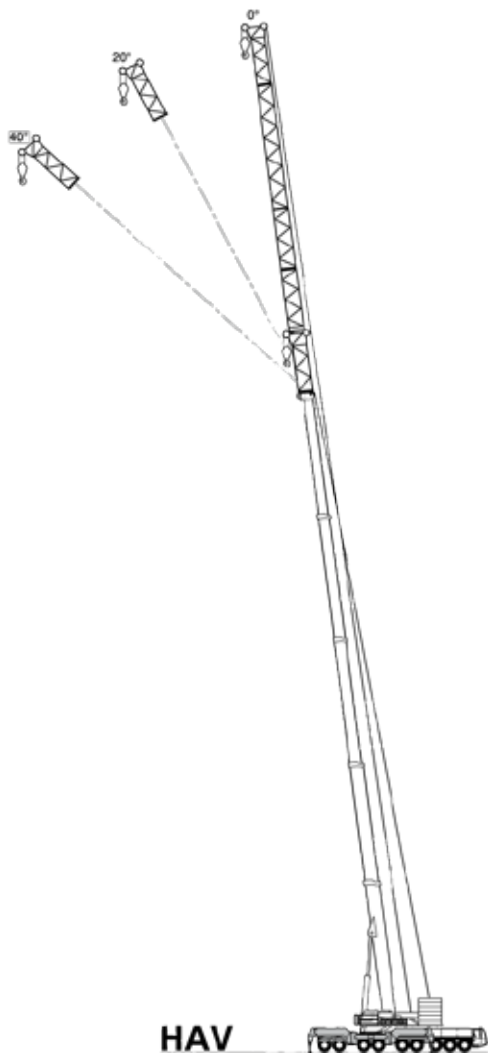
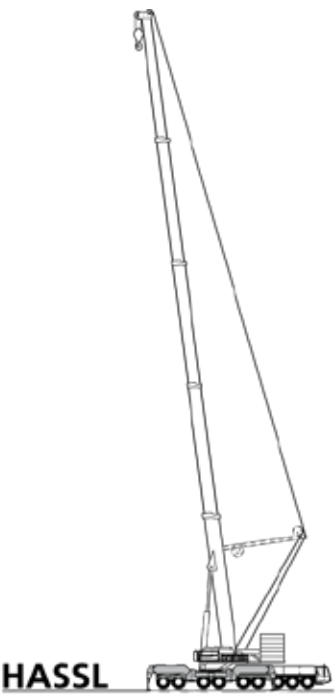
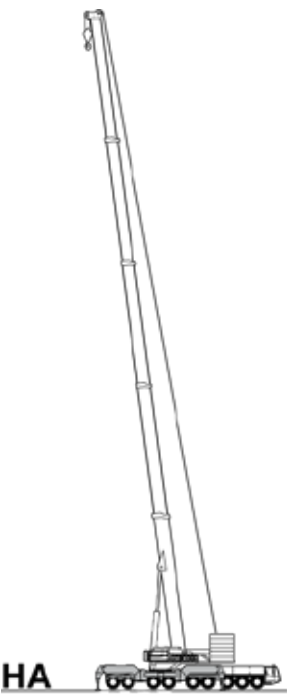
HAV



WIHI

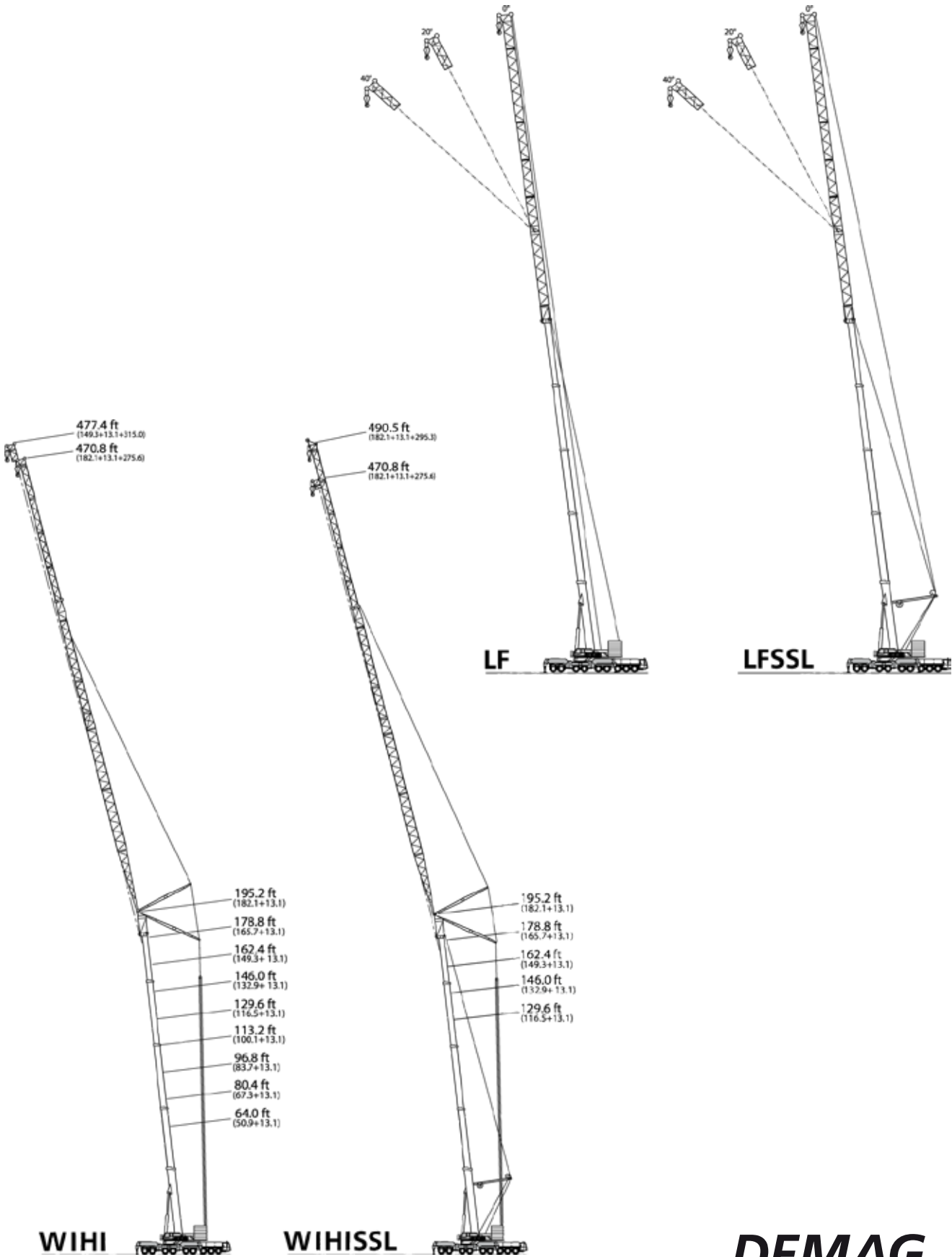


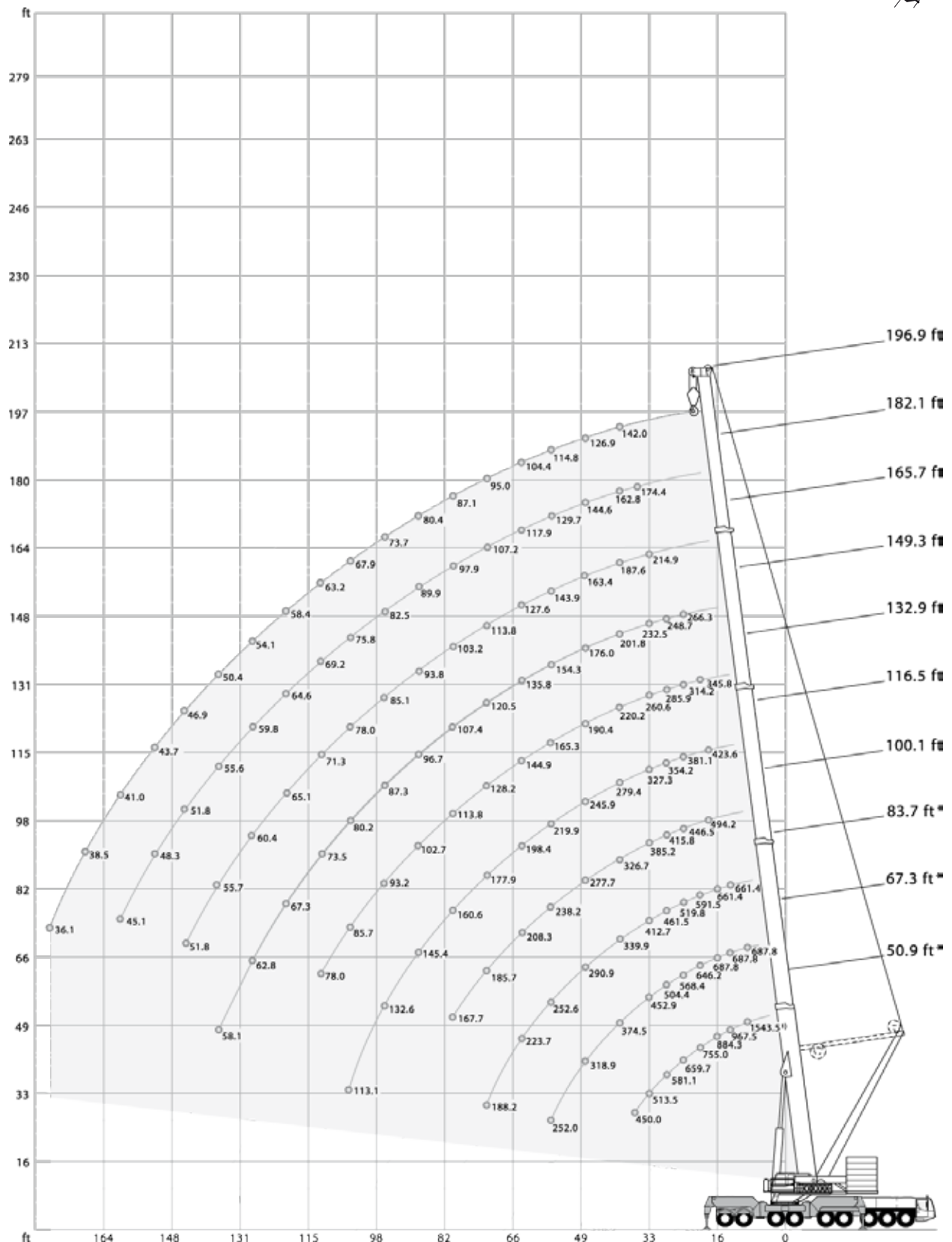
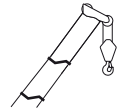




BOOM COMBINATIONS

AC 700-9





 308,600 lb				 360°										85 %	
 ft	 50.9 ft*	50.9 ft	67.3 ft*	67.3 ft	83.7 ft*	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	 ft	
1,000 lb															
	1543.5 ¹⁾	-	-	-	-	-	-	-	-	-	-	-	-		
10	1255.1 ²⁾	687.8	687.8	687.8	-	-	-	-	-	-	-	-	-	10	
12	1067.8 ²⁾	687.8	687.8	687.8	-	-	-	-	-	-	-	-	-	12	
14	967.5 ²⁾	687.8	687.8	687.8	661.4	661.4	-	-	-	-	-	-	-	14	
16	884.3 ²⁾	674.5	687.8	672.9	661.4	661.4	-	-	-	-	-	-	-	16	
18	817.2 ²⁾	635.9	670.7	633.7	630.3	630.3	494.2	423.6	-	-	-	-	-	18	
20	755.0 ²⁾	594.4	646.2	592.0	591.5	591.5	478.1	409.9	345.8	-	-	-	-	20	
24	659.7	529.3	568.4	525.5	519.8	519.8	446.5	381.1	314.2	266.3	-	-	-	24	
28	581.1	473.7	504.4	471.5	461.5	461.5	415.8	354.2	285.9	248.7	-	-	-	28	
32	513.5	429.2	452.9	425.4	412.7	412.7	385.2	327.3	260.6	232.5	214.9	-	-	32	
36	450.0	393.2	412.0	388.8	374.5	374.5	355.6	302.6	239.6	216.9	200.9	174.4	-	36	
40	-	-	374.5	355.1	339.9	339.9	326.7	279.4	220.2	201.8	187.6	162.8	142.0	40	
48	-	-	318.9	303.5	290.9	290.9	277.7	245.9	190.4	176.0	163.4	144.6	126.9	48	
56	-	-	252.0	239.5	252.6	252.6	238.2	219.9	165.3	154.3	143.9	129.7	114.8	56	
64	-	-	-	-	223.7	223.7	208.3	198.4	144.9	135.8	127.6	117.9	104.4	64	
72	-	-	-	-	188.2	179.6	185.7	177.9	128.2	120.5	113.8	107.2	95.0	72	
80	-	-	-	-	-	-	167.7	160.6	113.8	107.4	103.2	97.9	87.1	80	
88	-	-	-	-	-	-	-	145.4	102.7	96.7	93.8	89.9	80.4	88	
96	-	-	-	-	-	-	-	132.6	93.2	87.3	85.1	82.5	73.7	96	
104	-	-	-	-	-	-	-	113.1	85.7	80.2	78.0	75.8	67.9	104	
112	-	-	-	-	-	-	-	-	78.0	73.5	71.3	69.2	63.2	112	
120	-	-	-	-	-	-	-	-	-	67.3	65.1	64.6	58.4	120	
128	-	-	-	-	-	-	-	-	-	62.8	60.4	59.8	54.1	128	
136	-	-	-	-	-	-	-	-	-	58.1	55.7	55.6	50.4	136	
144	-	-	-	-	-	-	-	-	-	-	51.8	51.8	46.9	144	
152	-	-	-	-	-	-	-	-	-	-	-	48.3	43.7	152	
160	-	-	-	-	-	-	-	-	-	-	-	45.1	41.0	160	
168	-	-	-	-	-	-	-	-	-	-	-	-	38.5	168	
176	-	-	-	-	-	-	-	-	-	-	-	-	36.1	176	

* central jack leg + 352,700 lb counterweight

¹⁾ over rear, special attachment required, on request

²⁾ over rear, heavy-lift attachment required

 220,500 lb		 360°										85 %
 ft	 50.9 ft	67.3 ft	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	 ft	
1,000 lb												
10	687.8	687.8	-	-	-	-	-	-	-	-	10	
12	687.8	687.8	-	-	-	-	-	-	-	-	12	
14	687.8	687.8	661.4	-	-	-	-	-	-	-	14	
16	661.2	659.6	654.7	-	-	-	-	-	-	-	16	
18	619.4	617.1	619.4	494.2	423.6	-	-	-	-	-	18	
20	578.9	576.7	578.7	478.1	409.9	345.8	-	-	-	-	20	
24	514.5	511.6	512.3	446.5	381.1	314.2	266.3	-	-	-	24	
28	461.6	457.2	459.4	415.8	354.2	285.9	248.7	-	-	-	28	
32	416.5	413.8	412.7	385.2	327.3	260.6	232.5	214.9	-	-	32	
36	381.0	377.8	374.5	355.6	302.6	239.6	216.9	200.9	174.4	-	36	
40	-	343.0	339.3	326.7	279.4	220.2	201.8	187.6	162.8	142.0	40	
48	-	280.0	281.5	277.7	245.9	190.4	176.0	163.4	144.6	126.9	48	
56	-	227.2	233.7	237.0	219.9	165.3	154.3	143.9	129.7	114.8	56	
64	-	-	191.7	196.1	197.5	144.9	135.8	127.6	117.9	104.4	64	
72	-	-	156.2	159.5	163.9	128.2	120.5	113.8	107.2	95.0	72	
80	-	-	-	133.5	137.7	113.8	107.4	103.2	97.9	87.1	80	
88	-	-	-	-	117.6	102.7	96.7	93.8	89.9	80.4	88	
96	-	-	-	-	101.5	93.2	87.3	85.1	82.5	73.7	96	
104	-	-	-	-	89.5	84.8	80.2	78.0	75.8	67.9	104	
112	-	-	-	-	-	75.5	73.5	71.3	69.2	63.2	112	
120	-	-	-	-	-	-	66.6	65.1	64.6	58.4	120	
128	-	-	-	-	-	-	59.5	60.2	59.8	54.1	128	
136	-	-	-	-	-	-	53.0	54.1	55.6	50.4	136	
144	-	-	-	-	-	-	-	48.3	50.7	46.9	144	
152	-	-	-	-	-	-	-	-	45.5	43.7	152	
160	-	-	-	-	-	-	-	-	41.0	40.8	160	
168	-	-	-	-	-	-	-	-	-	37.2	168	
176	-	-	-	-	-	-	-	-	-	33.4	176	

 132,300 lb		 360°										85 %	
		50.9 ft	67.3 ft	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft		
ft		1,000 lb										ft	
10		687.8	687.8	-	-	-	-	-	-	-	-	10	
12		687.8	687.8	-	-	-	-	-	-	-	-	12	
14		679.6	678.4	661.4	-	-	-	-	-	-	-	14	
16		644.2	641.9	639.8	-	-	-	-	-	-	-	16	
18		602.8	600.6	600.6	494.2	423.6	-	-	-	-	-	18	
20		563.5	561.3	561.5	478.1	409.9	345.8	-	-	-	-	20	
24		499.8	496.9	499.1	446.5	381.1	314.2	266.3	-	-	-	24	
28		448.4	445.2	446.2	415.8	354.2	285.9	248.7	-	-	-	28	
32		395.0	391.1	392.8	385.2	327.3	260.6	232.5	214.9	-	-	32	
36		347.1	342.7	344.9	345.9	302.6	239.6	216.9	200.9	174.4	-	36	
40		-	298.3	300.7	305.1	279.4	220.2	201.8	187.6	162.8	142.0	40	
48		-	224.5	228.2	232.9	236.2	190.4	176.0	163.4	144.6	126.9	48	
56		-	164.6	166.8	171.7	177.2	164.7	154.3	143.9	129.7	114.8	56	
64		-	-	128.0	132.5	137.1	133.8	132.5	127.6	117.9	104.4	64	
72		-	-	101.9	105.3	109.7	106.4	107.5	109.5	107.2	95.0	72	
80		-	-	-	86.7	90.3	87.8	87.8	90.1	92.3	87.1	80	
88		-	-	-	-	75.9	73.1	73.1	74.8	77.5	78.1	88	
96		-	-	-	-	64.7	61.7	62.0	63.5	66.2	66.6	96	
104		-	-	-	-	56.0	51.9	52.3	54.1	56.7	57.3	104	
112		-	-	-	-	-	43.9	44.1	45.7	48.5	49.2	112	
120		-	-	-	-	-	-	37.4	38.9	41.8	42.2	120	
128		-	-	-	-	-	-	31.8	33.3	35.9	36.3	128	
136		-	-	-	-	-	-	27.2	28.4	30.8	31.3	136	
144		-	-	-	-	-	-	-	24.2	26.4	26.9	144	
152		-	-	-	-	-	-	-	-	22.7	23.1	152	
160		-	-	-	-	-	-	-	-	19.6	19.8	160	
168		-	-	-	-	-	-	-	-	-	17.0	168	
176		-	-	-	-	-	-	-	-	-	14.3	176	

 0 lb		 360°										85 %
 	50.9 ft	67.3 ft	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft		
ft	1,000 lb										ft	
10	687.8	687.8	-	-	-	-	-	-	-	-	10	
12	687.1	686.4	-	-	-	-	-	-	-	-	12	
14	663.3	661.1	652.0	-	-	-	-	-	-	-	14	
16	615.5	613.3	615.5	-	-	-	-	-	-	-	16	
18	569.8	567.6	569.8	494.2	423.6	-	-	-	-	-	18	
20	523.1	520.9	520.5	470.2	405.5	343.5	-	-	-	-	20	
24	425.2	406.3	378.6	340.6	314.6	274.7	248.0	-	-	-	24	
28	317.8	279.2	252.7	237.6	226.3	200.1	185.5	-	-	-	28	
32	201.7	188.2	183.6	176.8	172.4	153.6	144.0	137.7	-	-	32	
36	144.9	136.0	137.6	138.0	139.0	124.6	117.4	112.9	111.2	-	36	
40	-	94.8	98.0	104.4	109.9	99.7	94.6	91.5	91.5	87.3	40	
48	-	56.9	59.1	63.9	69.3	66.0	65.5	65.3	65.7	63.6	48	
56	-	36.0	37.4	41.8	46.9	43.7	44.4	46.3	48.4	46.9	56	
64	-	-	23.9	27.8	32.3	29.4	29.9	31.9	34.6	34.6	64	
72	-	-	13.7	17.8	22.3	19.4	20.0	21.8	24.5	25.1	72	
80	-	-	-	10.0	14.8	11.1	11.7	13.9	17.0	17.7	80	
88	-	-	-	-	8.5	-	-	7.4	10.4	11.3	88	
96	-	-	-	-	-	-	-	-	-	6.1	96	

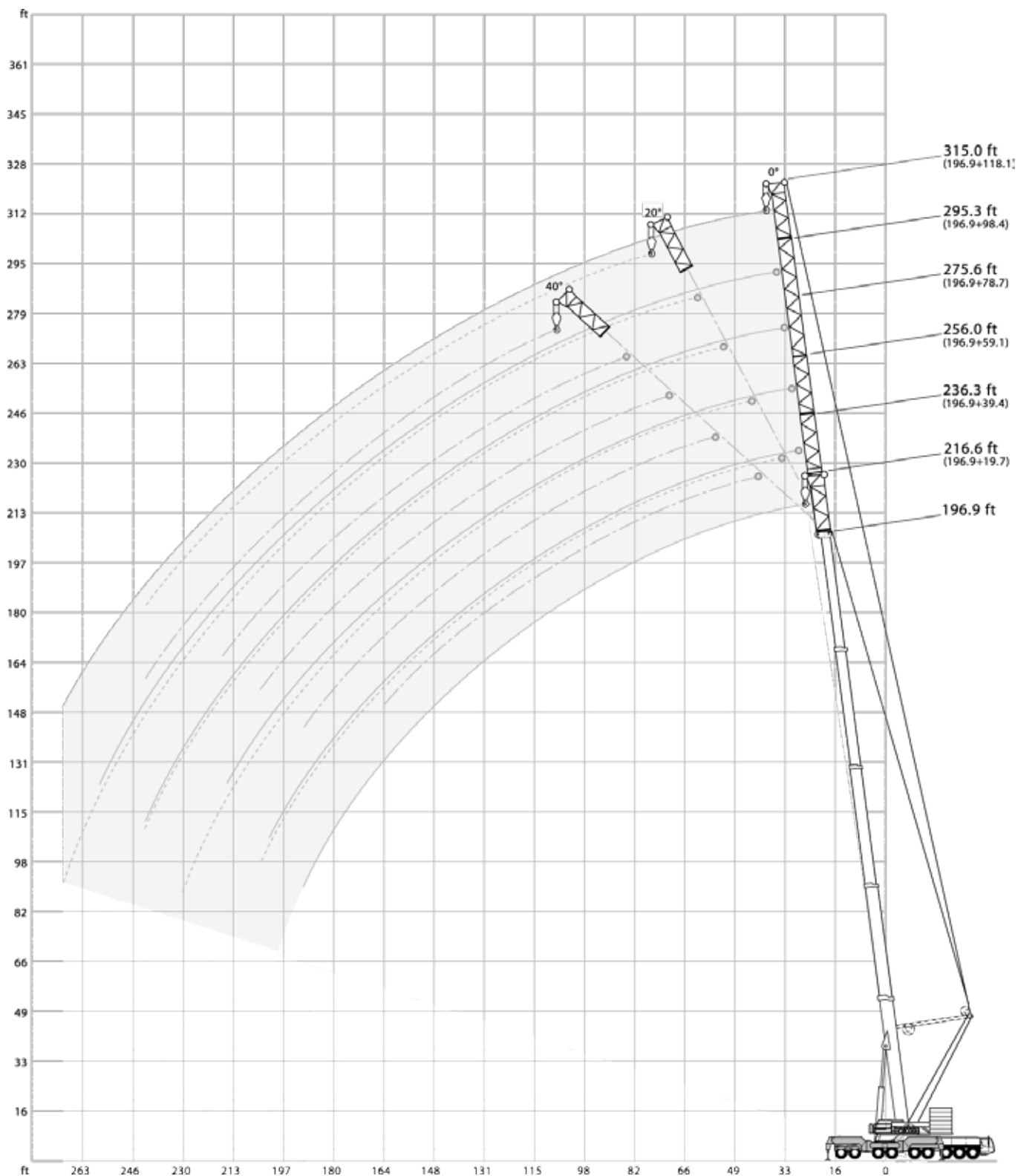
 352,700 lb		 360°					85 %	
 ft	 116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	 ft	
1,000 lb								
18	429.9	-	-	-	-	-	18	
20	429.3	360.7	-	-	-	-	20	
24	421.2	350.7	303.7	-	-	-	24	
28	410.8	342.6	294.1	250.1	-	-	28	
32	394.0	332.9	287.7	247.5	204.7	158.2	32	
36	370.9	322.1	281.2	243.7	200.7	155.5	36	
40	346.7	310.9	274.7	239.5	196.6	152.7	40	
48	299.7	283.4	263.3	229.4	186.8	145.6	48	
56	259.1	253.8	242.8	220.2	176.1	137.6	56	
64	226.4	225.1	218.2	206.1	165.3	129.5	64	
72	201.2	201.1	197.8	190.0	155.6	122.5	72	
80	179.4	181.1	180.2	174.0	146.2	115.8	80	
88	157.4	161.9	163.2	159.3	136.8	109.5	88	
96	133.8	143.8	147.1	145.2	128.1	104.1	96	
104	102.3	127.7	131.9	132.7	120.0	98.8	104	
112	-	107.8	118.4	120.6	112.0	94.5	112	
120	-	-	105.6	110.2	103.9	89.4	120	
128	-	-	89.7	101.4	96.4	85.4	128	
136	-	-	-	90.1	90.0	81.7	136	
144	-	-	-	76.7	84.0	78.4	144	
152	-	-	-	-	77.0	74.4	152	
160	-	-	-	-	66.5	70.4	160	
168	-	-	-	-	-	63.8	168	
176	-	-	-	-	-	54.7	176	

 264,600 lb		 360°					85 %	
 ft	 116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	 ft	
1,000 lb								
18	429.9	-	-	-	-	-	18	
20	429.3	360.7	-	-	-	-	20	
24	421.2	350.7	303.7	-	-	-	24	
28	410.8	342.6	294.1	250.1	-	-	28	
32	394.0	332.9	287.7	247.5	204.7	158.2	32	
36	368.8	322.1	281.2	243.7	200.7	155.5	36	
40	341.9	310.9	274.7	239.5	196.6	152.7	40	
48	290.9	283.4	263.3	229.4	186.8	145.6	48	
56	247.9	249.1	242.8	220.2	176.1	137.6	56	
64	209.9	212.9	214.9	206.1	165.3	129.5	64	
72	179.2	183.6	186.9	190.0	155.6	122.5	72	
80	154.7	159.1	162.4	165.9	146.2	115.8	80	
88	131.0	134.9	138.3	142.7	136.8	109.5	88	
96	112.2	115.5	118.8	123.2	125.3	104.1	96	
104	97.6	100.9	103.2	107.6	111.0	98.8	104	
112	-	87.7	90.9	94.2	97.5	94.5	112	
120	-	-	80.5	83.8	87.1	88.2	120	
128	-	-	71.6	74.9	78.2	78.8	128	
136	-	-	-	67.2	70.2	70.7	136	
144	-	-	-	60.7	63.5	64.2	144	
152	-	-	-	-	57.4	58.3	152	
160	-	-	-	-	52.0	52.6	160	
168	-	-	-	-	-	47.8	168	
176	-	-	-	-	-	43.2	176	

 220,500 lb		 360°					85 %	
 ft	 116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	 ft	
1,000 lb								
18	429.9	-	-	-	-	-	18	
20	429.3	360.7	-	-	-	-	20	
24	421.2	350.7	303.7	-	-	-	24	
28	410.8	342.6	294.1	250.1	-	-	28	
32	394.0	332.9	287.7	247.5	204.7	158.2	32	
36	366.6	322.1	281.2	243.7	200.7	155.5	36	
40	337.1	310.9	274.7	239.5	196.6	152.7	40	
48	279.3	279.2	263.3	229.4	186.8	145.6	48	
56	231.4	235.3	238.1	220.2	176.1	137.6	56	
64	192.8	196.9	201.1	199.4	165.3	129.5	64	
72	156.2	160.6	165.0	169.3	155.6	122.5	72	
80	128.9	133.3	136.6	141.9	144.3	115.8	80	
88	108.8	112.7	116.0	120.4	123.7	109.5	88	
96	92.7	96.0	99.3	103.0	106.3	104.1	96	
104	78.8	82.1	85.4	89.7	92.0	93.2	104	
112	-	71.1	74.4	77.7	81.0	82.1	112	
120	-	-	65.2	68.7	72.0	72.7	120	
128	-	-	57.1	61.0	64.1	64.6	128	
136	-	-	-	53.8	57.1	58.0	136	
144	-	-	-	47.7	50.8	51.4	144	
152	-	-	-	-	45.2	46.0	152	
160	-	-	-	-	40.4	41.1	160	
168	-	-	-	-	-	36.9	168	
176	-	-	-	-	-	33.0	176	

HAV, HAV-SSL 0°

AC 700-9



 220,500 lb		 360°										85 %		
 196.9 ft														
 ft		19.7 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft		118.1 ft		
		0°	0°	20°	0°	20°	0°	20°	0°	20°	0°	20°		
1,000 lb														
48		99.9	-	-	-	-	-	-	-	-	-	-	48	
56		91.1	78.5	-	66.8	-	-	-	-	-	-	-	56	
64		83.3	71.6	62.7	61.6	-	50.6	-	41.9	-	-	-	64	
72		76.2	65.6	58.9	57.0	-	47.3	-	39.9	-	33.3	-	72	
80		70.1	60.6	55.5	53.0	45.4	44.3	-	38.1	-	31.7	-	80	
88		64.5	56.2	52.4	49.3	43.1	41.6	33.1	36.2	-	29.9	-	88	
96		59.6	52.4	49.5	46.1	40.8	39.1	31.9	34.3	27.8	28.3	-	96	
104		55.2	49.1	46.6	43.3	38.8	36.9	30.8	32.4	26.6	26.7	-	104	
112		51.2	45.9	44.0	40.6	36.9	34.7	29.7	30.8	25.3	25.1	20.5	112	
120		47.6	43.2	41.5	38.2	35.1	32.8	28.6	28.9	24.2	23.6	19.6	120	
128		44.2	40.4	39.2	35.9	33.5	30.9	27.7	27.2	22.9	22.1	18.6	128	
136		41.1	37.9	37.1	33.8	31.9	29.1	26.7	25.5	21.7	20.8	17.7	136	
144		38.3	35.4	34.9	31.8	30.5	27.4	25.6	23.9	20.3	19.5	16.8	144	
152		35.8	33.2	32.8	29.9	28.9	25.8	24.5	22.3	19.2	18.1	15.9	152	
160		33.5	31.1	30.9	28.1	27.3	24.4	23.5	20.9	18.0	16.9	15.0	160	
168		31.4	29.1	29.1	26.3	25.7	22.9	22.3	19.4	16.9	15.6	14.1	168	
176		29.4	27.2	27.4	24.7	24.2	21.4	21.1	18.1	15.8	14.3	13.1	176	
184		27.6	25.5	25.7	23.2	22.9	20.0	19.9	16.8	14.8	13.2	12.3	184	
192		-	23.9	24.2	21.7	21.5	18.7	18.7	15.6	13.9	12.1	11.5	192	
200		-	22.5	22.7	20.3	20.2	17.5	17.7	14.4	13.0	11.0	10.7	200	
208		-	21.1	-	18.9	18.9	16.2	16.5	13.3	12.0	10.0	9.9	208	
216		-	-	-	17.7	17.7	15.1	15.3	12.2	11.1	8.9	9.1	216	
224		-	-	-	16.5	16.8	14.0	14.2	11.1	10.3	8.0	8.3	224	
232		-	-	-	-	-	12.9	13.2	10.1	9.5	7.2	7.5	232	
240		-	-	-	-	-	11.8	12.2	9.1	8.8	6.3	6.7	240	
248		-	-	-	-	-	-	-	8.2	8.2	5.6	6.0	248	
256		-	-	-	-	-	-	-	7.3	7.5	-	-	256	
264		-	-	-	-	-	-	-	-	7.0	-	-	264	

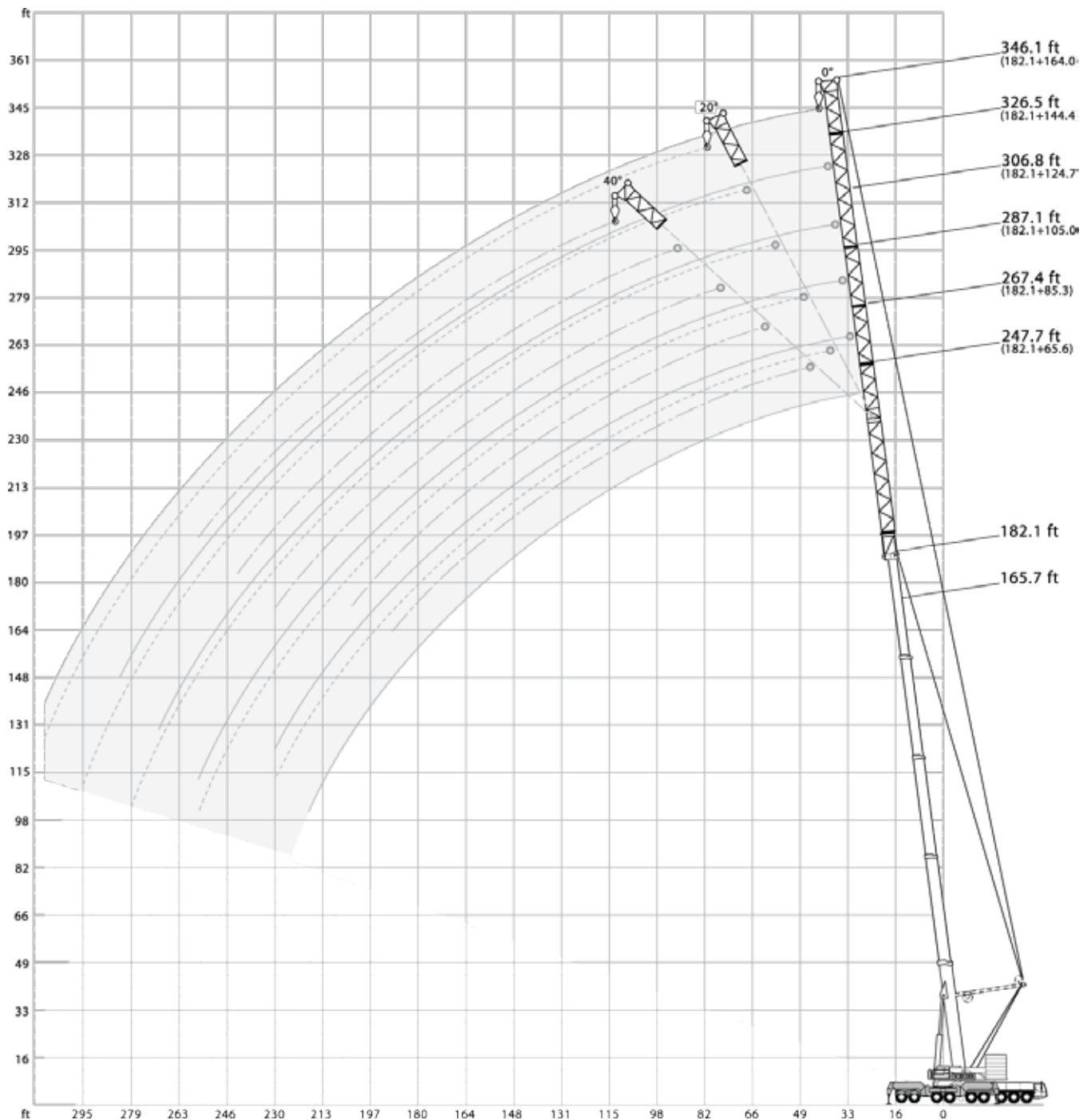
 132,300 lb		 360°										85 %			
 196.9 ft															
 ft		19.7 ft		39.4 ft		59.1 ft		78.7 ft		98.4 ft		118.1 ft		 ft	
		0°		0°	20°	40°		0°	20°	40°		0°	20°		40°
1,000 lb															
48		99.9	-	-	-	-	-	-	-	-	-	-	-	-	48
56		91.1	78.5	-	-	66.8	-	-	-	-	-	-	-	-	56
64		83.3	71.6	62.7	-	61.6	-	-	50.6	-	-	41.9	-	-	64
72		76.2	65.6	58.9	-	57.0	-	-	47.3	-	-	39.9	-	-	72
80		70.1	60.6	55.5	51.5	53.0	45.4	-	44.3	-	-	38.1	-	-	80
88		64.5	56.2	52.4	49.2	49.3	43.1	38.5	41.6	33.1	-	36.2	-	-	88
96		59.6	52.4	49.5	46.9	46.1	40.8	36.9	39.1	31.9	-	34.3	27.8	-	96
104		53.9	49.1	46.6	44.8	43.3	38.8	35.5	36.9	30.8	25.9	32.4	26.6	-	104
112		46.8	45.8	44.0	42.9	40.6	36.9	34.1	34.7	29.7	25.6	30.8	25.3	-	112
120		40.6	40.6	41.5	40.8	38.2	35.1	32.8	32.8	28.6	25.2	28.9	24.2	20.5	120
128		35.1	35.1	38.0	38.8	35.6	33.5	31.4	30.9	27.7	24.8	27.2	22.9	19.7	128
136		30.2	30.3	33.1	34.9	31.7	31.9	30.0	29.1	26.7	24.4	25.5	21.7	18.9	136
144		26.0	26.2	28.6	30.2	27.5	30.5	28.9	27.4	25.6	23.8	23.9	20.3	18.1	144
152		22.2	22.5	24.6	25.9	23.8	27.3	27.6	25.1	24.5	23.3	22.3	19.2	17.3	152
160		18.8	19.0	20.9	22.0	20.6	23.8	25.8	21.9	23.5	22.8	20.9	18.0	16.5	160
168		15.8	16.0	17.7	-	17.6	20.5	22.4	19.0	21.9	22.1	19.1	16.9	15.8	168
176		13.0	13.2	14.8	-	14.7	17.4	19.0	16.3	19.7	21.3	17.0	15.8	15.1	176
184		10.5	10.8	12.0	-	12.4	14.7	16.0	13.8	17.1	19.1	14.8	14.8	14.4	184
192		-	8.6	9.4	-	10.1	12.1	-	11.5	14.5	16.6	12.6	13.9	13.7	192
200		-	6.4	7.1	-	8.0	9.8	-	9.5	12.2	13.9	10.6	13.0	12.9	200
208		-	-	-	-	-	7.6	-	7.5	10.0	11.4	8.6	11.6	12.3	208
216		-	-	-	-	-	5.4	-	5.6	7.9	-	6.7	9.8	11.5	216
224		-	-	-	-	-	-	-	-	6.0	-	-	8.1	9.8	224
232		-	-	-	-	-	-	-	-	-	-	-	-	-	232
240		-	-	-	-	-	-	-	-	-	-	-	-	-	240

 352,700 lb		 360°		85 %	
 196.9 ft +  0°					
 	19.7 ft	39.4 ft		59.1 ft	
	0°	0°	20°	0°	20°
ft					
1,000 lb					
36	117.4	-	-	-	-
40	116.5	94.7	-	76.9	-
48	111.8	90.7	-	73.9	-
56	107.5	86.6	83.3	70.8	-
64	103.2	82.8	80.0	67.8	59.5
72	99.3	79.0	76.8	64.9	56.7
80	95.5	75.5	73.6	61.9	54.1
88	91.9	72.1	70.7	59.1	52.0
96	88.4	69.0	68.1	56.4	50.1
104	84.9	66.3	65.4	54.1	48.5
112	81.4	63.6	62.9	51.7	46.9
120	78.2	61.2	60.6	49.8	45.8
128	75.1	59.0	58.5	47.8	44.5
136	72.1	56.9	56.5	46.2	43.5
144	69.1	55.2	54.7	44.8	42.4
152	66.4	53.4	52.9	43.5	41.3
160	63.8	52.0	51.5	42.4	40.5
168	61.5	50.5	50.0	41.4	39.7
176	59.2	49.3	48.7	40.5	38.7
184	53.8	48.1	47.5	39.6	38.0
192	-	46.9	46.3	38.8	37.3
200	-	45.4	45.2	38.0	36.5
208	-	-	-	37.2	35.8
216	-	-	-	36.4	35.1
224	-	-	-	-	34.4

 220,500 lb		 360°				85 %	
 196.9 ft +  0°							
 ft	 19.7 ft 0°	39.4 ft			59.1 ft		
		0°	20°	40°	0°	20°	40°
1,000 lb							
36	117.4	-	-	-	-	-	-
40	116.5	94.7	-	-	76.9	-	-
48	111.8	90.7	-	-	73.9	-	-
56	107.5	86.6	83.3	-	70.8	-	-
64	103.2	82.8	80.0	68.1	67.8	59.5	-
72	99.3	79.0	76.8	67.0	64.9	56.7	-
80	95.5	75.5	73.6	65.9	61.9	54.1	45.0
88	91.9	72.1	70.7	64.6	59.1	52.0	43.7
96	88.4	69.0	68.1	63.2	56.4	50.1	42.7
104	84.9	66.3	65.4	61.7	54.1	48.5	41.8
112	81.3	63.6	62.9	60.3	51.7	46.9	41.0
120	74.9	61.2	60.6	58.7	49.8	45.8	40.2
128	66.8	59.0	58.5	57.1	47.8	44.5	39.7
136	59.7	56.9	56.5	55.5	46.2	43.5	39.1
144	53.4	53.9	54.7	53.9	44.8	42.4	38.6
152	47.6	48.3	50.6	51.7	43.5	41.3	38.1
160	42.7	43.2	45.2	46.4	42.4	40.5	37.8
168	38.3	38.7	40.6	-	40.0	39.6	37.3
176	34.1	34.6	36.1	-	36.3	38.5	36.9
184	30.6	31.0	32.3	-	32.7	35.1	-
192	-	27.6	28.7	-	29.3	31.5	-
200	-	24.6	25.6	-	26.2	28.1	-
208	-	-	-	-	23.4	25.1	-
216	-	-	-	-	20.9	22.2	-
224	-	-	-	-	-	19.7	-

 352,700 lb		 360°		85 %	
 196.9 ft +  30°					
 ft	 39.4 ft 0°	 59.1 ft 0°	 78.7 ft 0°	 98.4 ft 0°	 118.1 ft 0°
1,000 lb					
48	111.2	87.0	63.6	-	-
56	102.0	80.5	58.7	50.8	42.7
64	93.2	74.4	54.4	47.0	39.6
72	84.8	68.7	50.6	43.7	36.7
80	76.9	63.6	47.4	40.8	34.2
88	69.5	58.6	44.7	38.4	31.9
96	62.8	54.2	42.3	36.1	29.9
104	57.1	50.3	40.4	34.2	28.2
112	51.6	46.6	38.3	32.5	26.6
120	47.0	43.3	36.6	31.0	25.0
128	43.1	40.1	34.8	29.6	23.8
136	39.7	37.4	33.2	28.3	22.7
144	36.9	34.9	31.4	27.0	21.7
152	34.3	32.6	29.8	25.8	20.8
160	32.2	30.4	28.2	24.6	19.8
168	30.2	28.5	26.5	23.5	19.1
176	28.5	26.7	24.9	22.4	18.4
184	26.7	25.1	23.4	21.3	17.7
192	25.0	23.5	22.0	20.3	17.1
200	23.2	22.2	20.6	19.2	16.4
208	-	20.8	19.4	18.1	15.7
216	-	19.3	18.2	17.0	15.0
224	-	-	16.9	16.1	14.4
232	-	-	15.8	15.1	13.7
240	-	-	-	14.0	13.0
248	-	-	-	13.0	12.3
256	-	-	-	-	11.5
264	-	-	-	-	10.4
272	-	-	-	-	9.3

 220,500 lb		 360°		85 %	
 196.9 ft +  30°					
 ft	 39.4 ft 0°	 59.1 ft 0°	 78.7 ft 0°	 98.4 ft 0°	118.1 ft 0°
1,000 lb					
48	111.2	87.0	63.6	-	-
56	102.0	80.5	58.7	50.8	42.7
64	93.2	74.4	54.4	47.0	39.6
72	84.8	68.7	50.6	43.7	36.7
80	76.9	63.6	47.4	40.8	34.2
88	69.5	58.6	44.7	38.4	31.9
96	62.8	54.2	42.3	36.1	29.9
104	57.1	50.3	40.4	34.2	28.2
112	51.6	46.6	38.3	32.5	26.6
120	47.0	43.3	36.6	31.0	25.0
128	43.1	40.1	34.8	29.6	23.8
136	39.7	37.4	33.2	28.3	22.7
144	36.9	34.9	31.4	27.0	21.7
152	34.3	32.6	29.8	25.8	20.8
160	32.2	30.4	28.2	24.6	19.8
168	30.2	28.5	26.5	23.5	19.1
176	28.5	26.7	24.9	22.4	18.4
184	26.7	25.1	23.4	21.3	17.7
192	25.0	23.5	22.0	20.3	17.1
200	23.2	22.2	20.6	19.2	16.4
208	-	20.8	19.4	18.1	15.7
216	-	19.3	18.2	17.0	15.0
224	-	-	16.9	16.1	14.4
232	-	-	15.8	15.1	13.7
240	-	-	-	14.0	13.0
248	-	-	-	13.0	12.3
256	-	-	-	-	11.5
264	-	-	-	-	10.4
272	-	-	-	-	9.3



 360°																		85 %	
 165.7 ft																			
		65.6 ft		85.3 ft		105.0 ft			124.7 ft			144.4 ft			164.0 ft				
0°	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°
ft	1,000 lb																	ft	
48	101.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
56	92.4	80.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56
64	84.2	73.8	-	-	65.8	-	-	53.7	-	-	-	-	-	-	-	-	-	-	64
72	76.9	68.0	62.9	-	60.5	-	-	51.0	-	-	41.3	-	-	-	-	-	-	-	72
80	70.8	62.7	58.9	55.8	55.8	50.5	-	48.3	-	-	38.9	-	-	34.1	-	-	-	-	80
88	65.5	58.0	55.0	52.8	51.6	48.0	-	45.6	34.8	-	36.8	-	-	32.0	-	-	-	-	88
96	60.8	53.8	51.7	50.0	47.8	45.3	41.3	42.9	33.8	-	34.7	26.1	-	30.0	-	-	-	-	96
104	56.7	50.1	48.5	47.3	44.5	42.8	39.8	40.2	32.9	-	32.7	24.8	-	28.2	-	-	-	-	104
112	53.2	46.8	45.5	44.6	41.5	40.4	38.3	37.8	31.9	26.6	30.8	23.7	-	26.3	21.1	-	-	-	112
120	49.8	43.9	42.9	42.4	39.1	38.1	36.6	35.4	31.1	26.2	29.1	22.7	19.5	24.5	20.3	-	-	-	120
128	46.9	41.3	40.6	40.1	36.7	35.9	34.8	32.9	30.0	25.8	27.3	21.8	19.0	22.9	19.5	-	-	-	128
136	44.3	39.1	38.4	38.1	34.6	33.8	33.1	30.7	28.7	25.3	25.7	20.9	18.6	21.5	18.7	-	-	-	136
144	41.8	37.1	36.5	36.2	32.5	31.8	31.4	28.7	27.6	24.7	24.3	20.3	18.1	19.9	17.7	15.2	-	-	144
152	39.4	35.3	34.8	34.4	30.6	30.0	29.5	26.7	26.3	24.1	22.7	19.5	17.6	18.6	16.8	14.7	-	-	152
160	37.3	33.7	33.2	32.8	28.9	28.4	27.9	25.0	25.2	23.4	21.3	18.7	17.2	17.2	15.8	14.4	-	-	160
168	35.4	32.1	31.7	31.3	27.3	26.8	26.4	23.2	23.7	22.7	19.8	18.0	16.8	15.9	14.9	13.8	-	-	168
176	33.4	30.6	30.2	30.0	25.8	25.1	24.9	21.6	22.3	21.9	18.5	17.3	16.4	14.7	13.8	13.1	-	-	176
184	31.6	29.3	28.8	-	24.3	23.9	23.5	20.2	20.9	21.0	17.3	16.5	15.9	13.6	12.9	12.4	-	-	184
192	29.8	27.9	27.5	-	22.9	22.7	22.3	18.9	19.5	20.0	16.1	15.7	15.3	12.6	11.9	11.7	-	-	192
200	27.9	26.4	26.1	-	21.7	21.5	21.2	17.7	18.0	18.8	14.8	14.9	14.8	11.5	11.0	10.8	-	-	200
208	-	24.9	24.7	-	20.5	20.3	-	16.5	16.7	17.4	13.7	14.0	14.1	10.5	10.1	10.1	-	-	208
216	-	23.3	23.2	-	19.3	19.0	-	15.3	15.5	15.8	12.6	13.1	13.3	9.5	9.3	9.3	-	-	216
224	-	-	-	-	18.0	18.1	-	14.4	14.3	-	11.8	12.3	12.5	8.7	8.5	8.6	-	-	224
232	-	-	-	-	16.9	17.1	-	13.4	13.2	-	10.8	11.4	11.6	7.9	7.7	7.9	-	-	232
240	-	-	-	-	-	16.0	-	12.5	12.2	-	10.1	10.6	-	7.2	7.1	7.2	-	-	240
248	-	-	-	-	-	-	-	11.6	11.5	-	9.3	9.8	-	6.6	6.5	6.7	-	-	248
256	-	-	-	-	-	-	-	10.8	-	-	8.6	9.0	-	5.9	5.9	6.2	-	-	256
264	-	-	-	-	-	-	-	-	-	-	8.1	8.5	-	5.4	5.4	-	-	-	264
272	-	-	-	-	-	-	-	-	-	-	7.6	8.0	-	5.0	5.0	-	-	-	272
280	-	-	-	-	-	-	-	-	-	-	-	7.4	-	4.6	4.7	-	-	-	280

Max. capacities with minimum counterweight
Further counterweight configurations on request

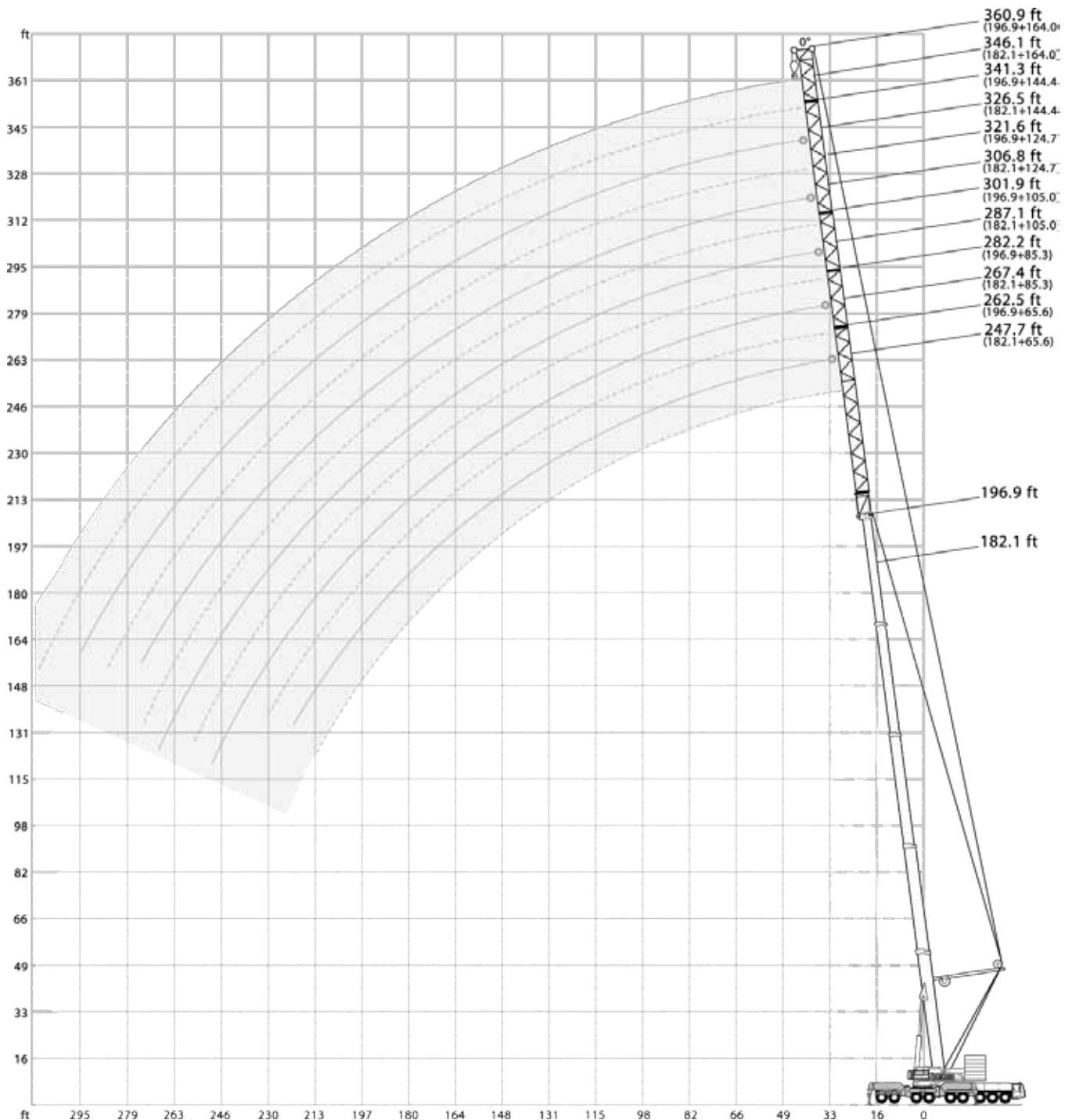
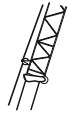
	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb
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 360°																		85 %	
 182.1 ft																			
		65.6 ft		85.3 ft			105.0 ft			124.7 ft			144.4 ft			164.0 ft			
0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	1,000 lb																	ft	
56	78.5	65.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56
64	72.5	60.5	-	-	-	52.8	-	-	-	-	-	-	-	-	-	-	-	-	64
72	67.1	55.9	51.0	-	-	49.2	-	-	-	44.2	-	-	-	-	-	-	-	-	72
80	62.3	51.9	48.3	45.9	-	45.8	-	-	-	41.4	-	-	36.0	-	-	30.5	-	-	80
88	57.9	48.2	45.6	43.3	-	42.7	38.2	-	-	38.6	-	-	33.3	-	-	28.3	-	-	88
96	54.2	44.8	42.9	40.8	-	40.1	35.9	32.8	-	36.0	32.3	-	30.7	-	-	26.0	-	-	96
104	50.9	41.8	40.2	38.4	-	37.6	33.6	30.9	-	33.6	30.8	-	28.5	-	-	24.0	-	-	104
112	47.9	39.1	37.8	36.0	-	35.2	31.4	29.0	-	31.2	29.2	26.8	26.3	23.1	-	22.0	-	-	112
120	45.1	36.7	35.4	33.9	-	33.0	29.5	27.2	-	28.8	27.6	25.5	24.2	21.5	-	20.3	18.6	-	120
128	42.6	34.4	33.1	31.7	-	31.0	27.7	25.6	-	26.7	25.9	24.1	22.4	20.2	18.2	18.5	17.4	-	128
136	40.2	32.4	30.9	29.7	-	29.1	25.9	24.1	-	24.7	24.2	22.6	20.6	18.8	17.2	17.1	16.3	-	136
144	38.2	30.5	29.2	27.9	-	27.4	24.3	22.6	-	22.8	22.6	21.2	19.0	17.7	16.4	15.7	15.3	-	144
152	36.1	28.7	27.3	26.0	-	25.6	23.0	21.2	-	20.9	20.9	19.9	17.5	16.4	15.3	14.2	14.1	13.3	152
160	34.2	27.0	25.7	24.4	-	24.0	21.6	20.1	-	19.3	19.3	18.5	16.1	15.3	14.3	13.0	12.9	12.2	160
168	32.5	25.5	24.2	22.9	-	22.4	20.3	18.9	-	17.8	17.9	17.2	14.8	14.2	13.4	11.8	11.8	11.2	168
176	30.9	24.0	22.7	21.6	-	20.7	18.9	17.8	-	16.3	16.5	15.8	13.4	13.2	12.5	10.7	10.7	10.3	176
184	29.3	22.7	21.5	20.4	-	19.2	17.8	16.7	-	15.1	15.2	14.6	12.3	12.1	11.5	9.8	9.8	9.5	184
192	27.7	21.3	20.3	-	-	17.8	16.7	15.6	-	13.9	13.9	13.4	11.3	11.0	10.6	8.8	8.8	8.6	192
200	26.0	20.0	19.2	-	-	16.4	15.7	14.6	-	13.0	12.8	12.4	10.3	10.1	9.7	7.9	7.9	7.8	200
208	24.5	18.8	18.2	-	-	15.3	14.7	13.6	-	12.0	11.9	11.4	9.4	9.2	8.8	7.0	7.0	7.1	208
216	23.0	17.7	17.3	-	-	14.2	13.7	-	-	11.1	11.1	10.4	8.4	8.2	8.0	6.2	6.2	6.4	216
224	-	16.4	16.3	-	-	13.1	12.9	-	-	10.2	10.3	9.7	7.6	7.4	7.3	5.5	5.5	5.8	224
232	-	15.3	-	-	-	12.1	12.1	-	-	9.5	9.5	-	6.8	6.6	6.6	-	-	5.1	232
240	-	-	-	-	-	11.3	11.5	-	-	8.7	8.7	-	6.1	6.0	6.0	-	-	4.6	240
248	-	-	-	-	-	10.6	10.8	-	-	8.0	8.0	-	5.5	5.4	5.4	-	-	-	248
256	-	-	-	-	-	-	-	-	-	7.5	7.5	-	-	-	-	-	-	-	256
264	-	-	-	-	-	-	-	-	-	6.7	7.0	-	-	-	-	-	-	-	264
272	-	-	-	-	-	-	-	-	-	6.2	6.4	-	-	-	-	-	-	-	272

Max. capacities with minimum counterweight

Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb



360°																	85 %	
182.1 ft + 0°																		
		65.6 ft	85.3 ft			105.0 ft			124.7 ft			144.4 ft			164.0 ft			
		0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	1,000 lb																	ft
40	92.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
48	89.6	69.0	-	-	57.8	-	-	-	-	-	-	-	-	-	-	-	-	48
56	86.6	67.4	-	-	57.1	-	-	-	48.7	-	-	41.2	-	-	-	-	-	56
64	83.3	65.9	61.2	-	56.2	-	-	-	48.0	-	-	40.1	-	-	31.2	-	-	64
72	80.3	64.2	59.4	57.8	54.9	49.2	-	-	47.0	-	-	39.0	-	-	30.2	-	-	72
80	77.1	62.3	57.5	55.9	53.6	48.1	-	-	45.9	37.0	-	38.0	-	-	29.4	-	-	80
88	74.2	60.2	55.5	54.0	52.1	46.9	43.5	-	44.5	35.7	-	36.8	-	-	28.4	-	-	88
96	71.2	58.2	53.5	52.2	50.5	45.6	42.3	-	43.2	34.5	-	35.6	28.1	-	27.4	-	-	96
104	68.3	56.2	51.6	50.3	48.7	44.1	40.8	-	41.6	33.2	27.8	34.3	27.0	-	26.4	21.7	-	104
112	65.3	54.1	49.5	48.2	47.1	42.7	39.4	-	40.3	32.1	27.3	33.0	26.2	-	25.5	20.9	-	112
120	62.6	52.0	47.6	46.3	45.2	41.1	38.0	-	38.6	31.1	26.5	31.9	25.4	21.7	24.5	20.3	-	120
128	59.7	49.8	45.7	44.4	43.3	39.5	36.5	-	37.0	30.2	25.9	30.5	24.6	21.3	23.6	19.6	-	128
136	57.0	47.8	43.9	42.5	41.4	37.8	35.0	-	35.6	29.3	25.3	29.3	23.9	20.8	22.7	19.1	15.1	136
144	54.6	45.7	42.2	40.9	39.8	36.2	33.6	-	34.0	28.5	24.7	28.3	23.2	20.3	21.9	18.3	14.8	144
152	51.9	43.8	40.6	39.2	37.9	34.8	32.0	-	32.7	27.7	24.0	27.2	22.6	19.8	20.8	17.8	14.5	152
160	49.6	41.7	39.2	37.7	36.3	33.3	30.7	-	31.3	26.9	23.4	26.1	22.1	19.2	20.0	17.2	14.0	160
168	47.4	39.9	37.7	36.2	34.8	32.0	29.4	-	30.0	26.1	22.8	25.2	21.6	18.7	19.3	16.7	13.7	168
176	45.3	38.2	36.4	34.4	33.3	30.8	28.2	-	28.8	25.3	22.1	24.4	21.0	18.2	18.6	16.2	13.3	176
184	43.4	36.5	35.1	32.6	31.8	29.6	27.1	-	27.7	24.4	21.4	23.6	20.4	17.6	18.1	15.7	12.9	184
192	41.5	35.0	33.9	-	30.4	28.4	26.0	-	26.7	23.7	20.8	22.8	19.7	17.3	17.5	15.3	12.7	192
200	39.9	33.5	32.7	-	29.2	27.4	25.1	-	25.8	23.0	20.1	22.1	19.2	16.8	17.0	14.8	12.3	200
208	37.5	32.1	31.6	-	28.0	26.4	-	-	24.9	22.3	19.5	21.5	18.7	16.2	16.4	14.3	12.1	208
216	34.6	30.7	30.7	-	26.8	25.4	-	-	24.1	21.7	18.8	21.0	18.1	15.7	15.9	13.9	11.7	216
224	-	29.8	29.8	-	25.7	24.5	-	-	23.3	20.9	18.2	20.3	17.6	15.2	15.5	13.5	11.4	224
232	-	28.8	-	-	24.8	23.6	-	-	22.4	20.1	-	19.7	17.0	14.7	15.1	13.1	10.9	232
240	-	-	-	-	23.9	22.8	-	-	21.6	19.4	-	19.1	16.5	14.2	14.7	12.7	10.7	240
248	-	-	-	-	23.1	22.0	-	-	21.0	18.7	-	18.6	15.9	-	14.3	12.4	10.3	248
256	-	-	-	-	-	-	-	-	20.5	17.8	-	18.1	15.2	-	14.1	12.1	9.9	256
264	-	-	-	-	-	-	-	-	20.0	17.0	-	17.5	14.7	-	13.7	11.7	9.6	264
272	-	-	-	-	-	-	-	-	-	16.2	-	17.0	14.1	-	13.3	11.4	-	272
280	-	-	-	-	-	-	-	-	-	-	-	16.5	13.6	-	13.1	11.1	-	280
288	-	-	-	-	-	-	-	-	-	-	-	15.1	13.2	-	12.8	10.7	-	288
296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.4	10.3	-	296
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.1	9.9	-	304
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	-	312

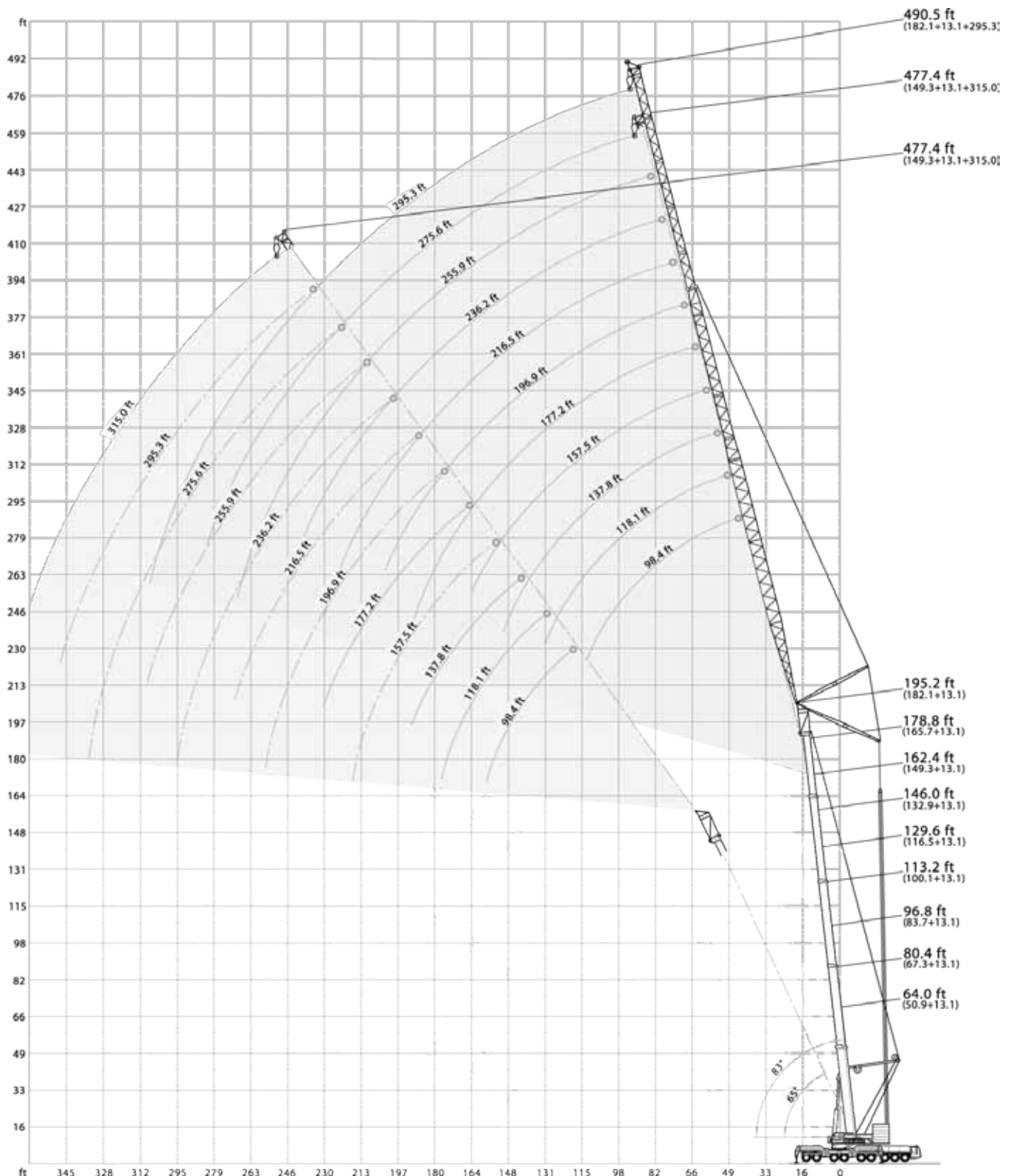
Max. capacities with minimum counterweight
Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb

360°							85%						
182.1 ft + 30°							196.9 ft + 30°						
ft	65.6 ft 0°	85.3 ft 0°	105.0 ft 0°	124.7 ft 0°	144.4 ft 0°	164.0 ft 0°	ft	65.6 ft 0°	85.3 ft 0°	105.0 ft 0°	124.7 ft 0°	144.4 ft 0°	164.0 ft 0°
1,000 lb							1,000 lb						
48	104.4	-	-	-	-	-	48	95.2	-	-	-	-	-
56	95.0	85.1	73.2	58.6	-	-	56	86.6	78.3	59.5	-	-	-
64	86.4	77.6	67.7	55.3	46.3	37.5	64	79.1	72.3	59.5	52.2	44.3	-
72	78.4	70.7	62.3	52.1	43.5	35.1	72	72.0	66.5	57.8	49.0	41.5	32.4
80	71.0	64.5	57.5	48.9	40.8	33.0	80	65.9	61.1	53.8	46.1	38.9	30.8
88	64.5	58.8	53.2	46.0	38.5	31.1	88	60.2	56.1	49.9	43.2	36.5	29.0
96	58.6	53.6	49.1	43.1	36.4	29.2	96	55.1	51.4	46.3	40.5	34.4	27.5
104	53.3	49.0	45.3	40.5	34.3	27.5	104	50.6	47.2	42.8	37.9	32.3	26.1
112	48.3	44.8	41.7	37.8	32.3	25.9	112	46.3	43.2	39.3	35.4	30.3	24.6
120	44.1	41.0	38.6	35.5	30.6	24.5	120	42.5	39.6	36.3	33.1	28.4	23.1
128	40.3	37.6	35.7	33.2	28.9	23.1	128	39.0	36.2	33.5	30.9	26.7	21.8
136	36.9	34.6	33.0	30.9	27.3	21.9	136	35.8	33.3	30.8	28.9	25.1	20.6
144	34.0	32.1	30.6	28.9	25.6	20.7	144	33.0	30.6	28.4	26.9	23.5	19.3
152	31.2	29.7	28.4	26.9	24.1	19.5	152	30.3	28.2	26.2	24.9	22.1	18.1
160	29.1	27.7	26.4	25.0	22.6	18.2	160	27.9	26.2	24.2	23.1	20.6	16.9
168	27.1	25.9	24.5	23.2	21.1	17.1	168	25.7	24.3	22.4	21.5	19.2	15.8
176	25.4	24.3	22.7	21.6	19.6	16.0	176	23.7	22.5	20.7	19.9	17.8	14.7
184	23.9	22.8	21.3	20.0	18.3	15.1	184	22.0	21.0	19.4	18.2	16.5	13.6
192	22.4	21.3	20.0	18.5	16.9	14.1	192	20.4	19.6	18.0	16.7	15.2	12.6
200	21.1	20.1	18.7	17.1	15.7	13.0	200	19.1	18.4	16.8	15.3	14.0	11.5
208	19.8	18.9	17.4	15.9	14.5	12.1	208	17.8	17.2	15.7	14.1	12.8	10.5
216	-	17.7	16.2	14.7	13.3	11.3	216	16.6	16.2	14.6	12.9	11.5	9.5
224	-	16.5	15.1	13.5	12.2	10.4	224	15.5	14.9	13.7	11.8	10.5	8.6
232	-	15.2	14.0	12.6	11.1	9.5	232	-	13.8	12.7	10.7	9.6	7.9
240	-	-	12.9	11.8	10.2	8.8	240	-	12.5	11.8	9.8	8.7	7.1
248	-	-	11.9	10.9	9.4	8.1	248	-	-	10.8	8.9	7.8	6.2
256	-	-	-	10.1	8.6	7.5	256	-	-	9.9	8.1	7.0	5.5
264	-	-	-	9.4	7.9	6.8	264	-	-	-	7.4	6.5	4.9
272	-	-	-	-	7.3	6.2	272	-	-	-	6.9	6.0	-
280	-	-	-	-	6.9	5.7	280	-	-	-	-	5.4	-
288	-	-	-	-	-	5.2	288	-	-	-	-	5.1	-
296	-	-	-	-	-	4.8	296	-	-	-	-	4.9	-

Max. capacities with minimum counterweight
Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb



360°																			85%
50.9 ft + 13.1 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°
ft								1,000 lb											
40	270.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	256.7	-	-	225.7	-	-	195.5	-	-	-	-	-	-	-	-	-	-	-	-
56	244.4	-	-	222.7	-	-	192.8	-	-	160.9	-	-	133.4	-	-	-	-	-	-
64	228.1	224.8	-	221.0	-	-	190.1	-	-	160.1	-	-	133.4	-	-	114.6	-	-	-
72	198.1	206.6	-	210.8	196.4	-	188.5	-	-	158.8	-	-	133.4	-	-	114.6	-	-	-
80	-	189.3	184.9	192.6	187.1	-	186.1	169.3	-	157.2	-	-	133.0	-	-	114.6	-	-	-
88	-	111.5	168.7	171.5	171.4	167.0	175.3	165.7	-	155.6	147.7	-	130.3	-	-	114.2	-	-	-
96	-	-	154.0	139.2	156.6	152.2	154.8	155.1	150.7	153.6	147.0	-	127.6	124.6	-	112.1	-	-	-
104	-	-	-	-	143.7	139.3	130.7	142.6	138.2	143.9	140.1	-	125.8	123.6	-	108.7	108.4	-	-
112	-	-	-	-	-	128.4	107.8	130.6	127.3	125.8	129.5	126.2	122.9	122.3	-	105.6	106.8	-	-
120	-	-	-	-	-	-	-	121.2	118.2	108.6	120.5	116.8	113.8	119.3	111.0	101.6	104.1	-	-
128	-	-	-	-	-	-	-	-	110.2	92.5	112.4	108.5	103.5	111.3	107.4	97.0	101.4	-	-
136	-	-	-	-	-	-	-	-	102.9	75.6	104.3	101.8	90.9	103.2	100.7	91.6	98.7	97.9	-
144	-	-	-	-	-	-	-	-	-	-	94.2	95.1	78.8	97.2	94.0	86.2	95.0	92.8	-
152	-	-	-	-	-	-	-	-	-	-	-	89.5	66.7	90.4	87.5	75.9	89.5	86.4	-
160	-	-	-	-	-	-	-	-	-	-	-	-	-	81.7	82.1	66.7	83.2	81.0	-
168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.2	57.5	76.9	76.0	-
176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70.2	71.3	-
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67.4	-

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft									1,000 lb											
72	92.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	92.6	-	-	77.0	-	-	66.1	-	-	-	-	-	-	-	-	-	-	-	-	-
88	92.6	-	-	75.6	-	-	66.1	-	-	53.2	-	-	-	-	-	-	-	-	-	-
96	92.6	-	-	74.3	-	-	66.1	-	-	52.1	-	-	42.9	-	-	34.7	-	-	-	-
104	92.6	-	-	72.9	-	-	66.1	-	-	51.2	-	-	42.0	-	-	33.8	-	-	27.7	-
112	92.6	88.2	-	71.7	-	-	65.9	-	-	50.2	-	-	41.0	-	-	32.8	-	-	26.4	-
120	92.6	87.9	-	71.3	71.7	-	65.3	-	-	49.2	-	-	40.1	-	-	32.0	-	-	25.3	-
128	92.6	87.1	-	70.0	71.1	-	64.5	65.0	-	48.4	-	-	39.0	-	-	31.2	-	-	24.4	-
136	92.6	86.3	-	68.6	69.7	-	63.7	65.0	-	47.6	48.7	-	38.1	-	-	30.4	-	-	23.5	-
144	89.4	85.0	82.7	67.3	69.4	-	62.9	65.0	-	46.8	47.9	-	37.1	-	-	29.6	-	-	22.7	-
152	82.5	83.4	81.4	65.9	68.2	68.2	62.1	65.0	-	45.9	47.1	-	36.0	37.3	-	28.8	-	-	21.9	-
160	73.5	80.7	79.6	64.0	66.8	66.8	61.3	65.0	-	44.9	46.3	-	35.2	36.3	-	28.0	29.1	-	21.2	-
168	65.8	77.4	75.9	61.9	65.3	65.5	59.6	65.0	61.3	44.2	45.4	-	34.1	35.2	-	27.2	28.3	-	20.6	21.6
176	58.4	73.3	71.2	59.6	63.7	64.1	57.0	65.0	60.9	43.4	44.6	45.1	33.2	34.3	-	26.6	27.5	-	19.9	21.0
184	50.9	68.2	67.3	54.7	62.0	62.9	54.2	63.0	60.5	42.4	43.8	44.2	32.3	33.4	-	25.9	26.8	-	19.5	20.5
192	-	62.3	63.7	49.2	60.1	61.3	51.1	60.6	59.6	41.5	43.0	43.2	31.4	32.5	33.7	25.2	26.1	-	19.1	19.9
200	-	54.6	60.3	43.1	57.7	58.4	46.5	58.1	57.1	40.5	42.2	42.3	30.5	31.6	32.8	24.7	25.6	27.5	18.7	19.4
208	-	-	57.3	36.9	53.2	55.5	41.6	54.7	54.3	39.5	41.4	41.4	29.7	30.8	31.9	24.2	25.0	26.7	18.4	19.0
216	-	-	-	-	47.1	52.6	36.5	50.5	51.3	38.4	40.6	40.6	28.9	30.0	31.1	23.6	24.3	25.8	17.9	18.6
224	-	-	-	-	-	50.2	31.5	45.6	48.8	35.1	39.7	39.8	28.3	29.4	30.3	23.1	23.7	25.0	17.5	18.0
232	-	-	-	-	-	-	-	40.6	46.3	31.4	38.8	39.0	27.6	28.7	29.5	22.6	23.2	24.3	17.1	17.5
240	-	-	-	-	-	-	35.3	44.2	27.4	38.0	38.2	26.9	28.0	28.7	22.2	22.7	23.6	16.7	17.1	
248	-	-	-	-	-	-	-	40.5	23.0	35.2	37.6	25.5	27.4	28.1	21.7	22.2	23.0	16.4	16.7	
256	-	-	-	-	-	-	-	-	-	16.3	36.8	23.8	26.9	27.5	21.2	21.8	22.5	16.1	16.3	
264	-	-	-	-	-	-	-	-	-	-	34.9	20.3	26.4	26.9	20.9	21.4	21.9	15.7	15.8	
272	-	-	-	-	-	-	-	-	-	-	-	-	25.5	26.3	19.7	21.0	21.5	15.3	15.3	
280	-	-	-	-	-	-	-	-	-	-	-	-	-	25.9	17.0	20.6	21.1	14.9	14.9	
288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	20.3	20.7	14.5	14.6	
296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	20.3	13.9	14.3	
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.9	11.6	13.9	
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.5	
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Max. capacities with minimum counterweight · Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

360°																		85%	
67.3 ft + 13.1 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°
ft								1,000 lb											
48	248.5	-	-	215.4	-	-	172.4	-	-	-	-	-	-	-	-	-	-	-	-
56	235.4	-	-	209.3	-	-	170.8	-	-	140.0	-	-	114.6	-	-	-	-	-	-
64	220.1	-	-	203.9	-	-	169.8	-	-	139.2	-	-	114.6	-	-	97.0	-	-	-
72	204.3	192.1	-	197.5	-	-	168.7	-	-	138.9	-	-	114.6	-	-	97.0	-	-	-
80	-	178.9	-	188.6	167.2	-	166.9	146.0	-	137.6	-	-	114.4	-	-	97.0	-	-	-
88	-	167.2	156.7	174.2	158.2	-	162.0	141.9	-	135.8	-	-	113.1	-	-	97.0	-	-	-
96	-	94.5	147.3	150.5	149.5	140.6	153.9	137.2	-	134.9	124.3	-	112.4	-	-	97.0	-	-	-
104	-	-	136.0	-	140.1	133.1	138.8	131.8	-	128.9	120.6	-	111.5	108.4	-	96.1	-	-	-
112	-	-	-	-	75.0	124.0	116.7	126.3	118.8	121.6	117.6	-	109.9	105.7	-	94.7	93.5	-	-
120	-	-	-	-	-	114.9	-	118.2	113.8	109.6	112.6	104.9	104.6	103.0	-	93.1	91.2	-	-
128	-	-	-	-	-	-	-	110.2	105.8	96.9	108.0	100.8	98.1	100.3	91.5	89.8	89.3	-	-
136	-	-	-	-	-	-	-	-	98.5	81.9	101.8	96.8	90.0	96.8	89.6	86.6	86.6	-	-
144	-	-	-	-	-	-	-	-	92.8	-	95.1	91.7	81.9	92.8	87.2	81.8	83.9	81.7	-
152	-	-	-	-	-	-	-	-	-	-	46.5	85.3	71.1	87.5	84.2	76.4	81.2	79.2	-
160	-	-	-	-	-	-	-	-	-	-	-	79.9	-	82.1	78.8	70.2	78.5	77.0	-
168	-	-	-	-	-	-	-	-	-	-	-	-	-	38.7	73.7	61.4	75.2	72.6	-
176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.0	51.7	71.1	67.9	-
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.3	64.3	-
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.8	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57.6	-

	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft										1,000 lb											
72	81.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	81.6	-	-	66.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	81.6	-	-	65.7	-	-	56.8	-	-	47.7	-	-	-	-	-	-	-	-	-	-	-
96	81.6	-	-	65.2	-	-	56.7	-	-	47.1	-	-	38.4	-	-	30.7	-	-	-	-	-
104	81.6	-	-	64.5	-	-	56.7	-	-	46.8	-	-	38.0	-	-	30.0	-	-	24.2	-	-
112	81.6	-	-	63.9	-	-	56.4	-	-	46.3	-	-	37.4	-	-	29.3	-	-	23.3	-	-
120	81.6	77.2	-	63.1	-	-	56.4	-	-	45.7	-	-	36.9	-	-	28.7	-	-	22.7	-	-
128	81.6	77.2	-	62.5	64.9	-	56.3	-	-	45.1	-	-	36.3	-	-	28.0	-	-	21.9	-	-
136	81.6	76.4	-	61.9	64.1	-	56.1	55.6	-	44.4	-	-	35.5	-	-	27.3	-	-	21.3	-	-
144	79.5	76.1	-	61.1	63.3	-	55.8	55.6	-	43.9	44.8	-	34.6	-	-	26.7	-	-	20.5	-	-
152	76.4	74.6	69.3	60.2	62.5	-	55.4	55.6	-	43.1	44.2	-	33.8	35.2	-	26.1	-	-	20.0	-	-
160	71.5	72.3	67.9	58.6	61.8	-	54.7	55.6	-	42.4	43.5	-	33.0	34.4	-	25.4	-	-	19.5	-	-
168	66.8	70.7	66.4	56.6	60.8	58.9	54.1	55.6	-	41.7	42.9	-	32.2	33.5	-	24.9	25.9	-	18.9	19.8	-
176	61.4	68.6	64.8	54.1	59.7	57.3	53.1	55.6	53.0	40.9	42.2	-	31.4	32.5	-	24.3	25.2	-	18.4	19.3	-
184	54.1	66.3	63.0	51.7	58.3	55.7	51.8	54.9	52.5	40.1	41.4	42.1	30.6	31.7	-	23.7	24.7	-	17.8	18.8	-
192	-	63.4	60.8	49.0	56.8	54.2	50.2	53.9	51.9	39.3	40.6	41.3	29.8	31.0	-	23.0	24.1	-	17.3	18.4	-
200	-	59.0	57.4	44.9	55.3	53.1	47.8	52.6	51.1	38.3	40.0	40.5	28.8	30.3	31.5	22.5	23.6	-	16.9	17.9	-
208	-	26.6	54.5	39.4	53.4	51.7	43.8	51.3	49.9	37.5	39.3	39.7	28.1	29.5	30.6	22.2	23.1	24.4	16.5	17.3	-
216	-	-	51.8	-	51.3	49.9	38.7	49.9	48.6	36.7	38.6	38.9	27.4	28.7	29.8	21.6	22.5	23.8	16.1	16.8	-
224	-	-	-	-	45.3	47.6	33.6	47.4	46.2	35.5	37.8	38.2	26.7	28.0	29.1	21.1	22.0	23.2	15.7	16.4	17.2
232	-	-	-	-	-	45.3	-	44.2	43.9	33.4	37.1	37.5	26.1	27.4	28.5	20.6	21.4	22.5	15.3	16.0	16.6
240	-	-	-	-	-	-	-	39.2	41.8	29.2	36.4	36.8	25.5	26.9	27.8	20.2	20.9	21.8	14.9	15.6	15.9
248	-	-	-	-	-	-	-	39.9	24.9	35.5	36.1	25.0	26.3	27.1	28.1	19.8	20.5	21.3	14.5	15.2	15.3
256	-	-	-	-	-	-	-	-	-	34.6	35.5	24.4	25.8	26.4	27.4	19.4	20.1	20.7	14.1	14.8	14.8
264	-	-	-	-	-	-	-	-	-	30.1	35.0	21.3	25.3	25.9	26.9	19.0	19.7	20.3	13.7	14.4	14.2
272	-	-	-	-	-	-	-	-	-	-	34.2	-	24.8	25.4	26.4	18.4	19.3	19.9	13.3	14.0	13.7
280	-	-	-	-	-	-	-	-	-	-	-	-	24.4	25.0	26.0	17.6	18.8	19.3	12.9	13.6	13.3
288	-	-	-	-	-	-	-	-	-	-	-	-	-	24.6	25.3	15.3	18.5	19.0	12.6	13.2	13.0
296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.2	18.7	12.3	12.8	12.3	12.8	12.8
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.2	11.5	12.3	12.3	12.3
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.0	-	12.0	12.1
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.7	11.9
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.8

Max. capacities with minimum counterweight · Further counterweight configurations on request

360°																			85%
83.7 ft + 13.1 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°
ft							1,000 lb												
48	241.2	-	-	203.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	226.0	-	-	198.8	-	-	167.6	-	-	133.4	-	-	-	-	-	-	-	-	-
64	206.1	-	-	191.2	-	-	167.6	-	-	133.4	-	-	108.0	-	-	-	-	-	-
72	183.5	-	-	181.0	-	-	166.5	-	-	133.4	-	-	108.0	-	-	-	90.4	-	-
80	-	154.8	-	170.3	148.2	-	162.1	-	-	132.1	-	-	108.0	-	-	-	90.4	-	-
88	-	145.0	-	159.1	137.9	-	155.4	132.4	-	130.7	-	-	108.0	-	-	-	90.4	-	-
96	-	138.6	123.7	147.7	129.2	-	147.3	124.4	-	129.8	118.5	-	108.0	-	-	-	90.4	-	-
104	-	80.7	116.6	-	123.0	111.2	136.0	118.6	-	126.2	112.2	-	108.0	-	-	-	90.4	-	-
112	-	-	-	-	117.8	104.4	123.3	113.4	103.3	121.8	106.7	-	107.9	101.1	-	-	90.4	89.2	-
120	-	-	-	-	65.0	99.4	-	110.4	97.6	112.4	102.3	-	105.2	96.1	-	-	90.4	87.6	-
128	-	-	-	-	-	96.4	-	106.3	92.0	101.9	97.5	88.7	100.8	92.0	-	-	89.3	85.4	-
136	-	-	-	-	-	-	-	100.7	88.0	87.4	94.3	83.9	94.4	87.7	80.6	-	87.4	83.3	-
144	-	-	-	-	-	-	-	-	86.0	-	91.6	80.6	87.4	85.0	76.2	-	82.9	81.6	-
152	-	-	-	-	-	-	-	-	-	-	86.4	76.8	75.3	83.4	72.4	77.5	77.5	79.2	72.4
160	-	-	-	-	-	-	-	-	-	-	40.8	74.5	-	79.9	69.7	72.2	77.4	69.3	-
168	-	-	-	-	-	-	-	-	-	-	-	-	-	74.8	67.5	64.6	73.7	66.2	-
176	-	-	-	-	-	-	-	-	-	-	-	-	-	70.1	65.9	54.8	69.0	64.0	-
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.7	-	65.2	61.0	-
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.1	57.8	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.7	-

	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft										1,000 lb											
72	79.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	79.4	-	-	61.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	-	-	-	-	-	-	-	-	-
96	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	37.3	-	-	-	-	-	-	-	-
104	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	37.3	-	-	29.4	-	-	-	-	-
112	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	37.0	-	-	28.9	-	-	22.7	-	-
120	79.4	-	-	61.5	-	-	52.9	-	-	46.3	-	-	36.8	-	-	28.3	-	-	22.1	-	-
128	79.4	75.5	-	61.4	-	-	52.9	-	-	46.2	-	-	36.6	-	-	27.8	-	-	21.6	-	-
136	79.4	75.0	-	61.1	64.7	-	52.9	-	-	45.8	-	-	36.4	-	-	27.2	-	-	21.1	-	-
144	78.3	75.0	-	61.1	64.4	-	52.9	51.8	-	45.2	-	-	35.8	-	-	26.7	-	-	20.5	-	-
152	76.6	73.7	-	60.7	63.9	-	52.9	51.8	-	44.5	45.8	-	34.9	-	-	26.2	-	-	20.0	-	-
160	72.6	72.8	63.3	59.9	63.2	-	52.9	51.8	-	43.8	45.2	-	34.1	35.9	-	25.6	-	-	19.7	-	-
168	68.3	71.4	61.9	58.7	62.6	-	52.6	51.8	-	43.1	44.6	-	33.3	35.0	-	25.1	26.2	-	19.1	-	-
176	63.7	68.7	60.6	56.9	61.8	57.0	52.1	51.8	-	42.4	44.0	-	32.5	34.1	-	24.5	25.7	-	18.6	19.7	-
184	56.6	65.2	59.1	55.2	60.9	54.9	50.7	51.8	50.1	41.8	43.3	-	31.7	33.3	-	24.0	25.0	-	18.1	19.2	-
192	-	61.7	57.4	52.6	59.6	53.0	49.0	51.7	49.2	41.1	42.7	-	30.9	32.5	-	23.5	24.4	-	17.5	18.6	-
200	-	58.5	54.6	47.3	56.6	51.2	47.4	51.2	48.2	40.4	42.0	42.5	30.3	31.8	-	22.9	23.8	-	17.0	18.1	-
208	-	54.2	51.8	41.4	53.7	49.3	44.4	50.4	47.1	39.7	41.3	41.7	29.7	31.1	32.6	22.4	23.4	-	16.4	17.5	-
216	-	49.3	49.1	35.0	50.9	47.1	40.4	49.4	45.7	39.1	40.6	41.1	29.1	30.5	31.8	21.9	23.0	24.1	15.9	17.0	-
224	-	-	46.8	-	47.4	44.8	35.4	47.1	43.5	37.3	39.8	40.4	28.5	29.8	31.0	21.3	22.4	23.4	15.5	16.5	-
232	-	-	-	-	-	42.7	-	44.6	41.3	34.7	39.0	39.7	27.8	29.2	30.2	20.8	21.9	22.8	15.1	16.0	17.0
240	-	-	-	-	-	40.8	-	41.8	39.3	30.5	38.4	39.0	27.3	28.6	29.6	20.2	21.4	22.2	14.5	15.6	16.5
248	-	-	-	-	-	-	-	37.3	37.4	26.2	37.7	37.7	26.8	28.0	28.9	19.8	20.9	21.7	14.1	15.2	16.0
256	-	-	-	-	-	-	-	-	35.7	-	37.0	35.9	26.2	27.3	28.2	19.4	20.5	21.2	13.7	14.8	15.4
264	-	-	-	-	-	-	-	-	34.3	-	32.8	34.2	22.7	26.9	27.7	19.0	20.1	20.8	13.3	14.2	14.9
272	-	-	-	-	-	-	-	-	-	-	-	32.5	-	26.5	27.1	18.6	19.6	20.3	12.9	13.7	14.4
280	-	-	-	-	-	-	-	-	-	-	-	31.0	-	25.9	26.6	18.2	19.1	19.8	12.5	13.3	14.0
288	-	-	-	-	-	-	-	-	-	-	-	-	-	24.4	26.2	16.0	18.7	19.4	12.1	12.9	13.6
296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	-	18.3	18.9	11.7	12.5	13.2
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.9	18.5	11.4	12.1	12.8
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	-	11.8	12.4
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.7	-	11.5	12.0
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0	11.7
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2

Max. capacities with minimum counterweight · Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

 360°																		85%	
 100.1 ft +  13.1 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°
ft		1,000 lb																	
56		198.0	-	-	175.1	-	-	136.7	-	-	-	-	-	-	-	-	-	-	-
64		182.7	-	-	168.9	-	-	136.7	-	-	110.2	-	-	88.2	-	-	-	-	-
72		170.0	-	-	160.0	-	-	135.6	-	-	110.2	-	-	88.2	-	-	73.9	-	-
80		161.0	135.0	-	149.7	-	-	132.7	-	-	110.0	-	-	88.2	-	-	73.9	-	-
88		-	125.1	-	140.6	121.8	-	128.7	-	-	108.7	-	-	88.2	-	-	73.9	-	-
96		-	117.8	-	133.2	115.2	-	124.0	104.6	-	108.0	-	-	88.2	-	-	73.9	-	-
104		-	112.8	100.2	130.2	109.8	-	118.6	97.8	-	106.9	94.4	-	88.2	-	-	73.9	-	-
112		-	-	94.6	-	104.5	92.3	112.1	92.4	-	105.5	89.1	-	88.2	84.6	-	73.9	-	-
120		-	-	57.2	-	100.5	87.2	103.1	89.8	-	100.1	85.0	-	88.2	80.6	-	73.9	73.2	-
128		-	-	-	-	-	83.2	-	86.5	75.5	94.8	81.0	-	86.5	76.6	-	73.9	70.5	-
136		-	-	-	-	-	80.0	-	86.0	71.5	89.4	77.8	68.4	82.5	73.4	-	73.9	68.6	-
144		-	-	-	-	-	-	-	86.0	69.5	74.6	76.1	65.6	78.4	70.7	-	71.8	66.3	-
152		-	-	-	-	-	-	-	-	67.1	-	73.7	62.5	75.2	68.2	59.6	69.1	65.3	-
160		-	-	-	-	-	-	-	-	-	-	72.8	60.4	66.2	66.8	56.7	66.4	63.6	55.6
168		-	-	-	-	-	-	-	-	-	-	-	59.0	-	65.9	54.4	62.4	62.2	53.0
176		-	-	-	-	-	-	-	-	-	-	-	58.3	-	65.3	52.5	57.0	60.8	50.6
184		-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.3	-	59.7	48.8
192		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58.5	47.1
200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.6	45.9
208		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.0
216		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.4

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft			
ft										1,000 lb											
80	66.1	-	-	51.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	66.1	-	-	51.4	-	-	44.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	66.1	-	-	51.4	-	-	44.5	-	-	38.8	-	-	31.3	-	-	-	-	-	-	-	-
104	66.1	-	-	51.4	-	-	44.5	-	-	38.8	-	-	31.3	-	-	25.6	-	-	-	-	-
112	66.1	-	-	51.4	-	-	44.5	-	-	38.8	-	-	31.3	-	-	25.1	-	-	19.6	-	-
120	66.1	-	-	51.3	-	-	44.5	-	-	38.8	-	-	31.1	-	-	24.8	-	-	19.3	-	-
128	66.1	61.9	-	51.1	-	-	44.5	-	-	38.7	-	-	31.1	-	-	24.6	-	-	18.8	-	-
136	66.1	61.2	-	51.1	-	-	44.5	-	-	38.6	-	-	30.9	-	-	24.2	-	-	18.4	-	-
144	65.9	60.2	-	50.9	55.6	-	44.5	-	-	38.4	-	-	30.7	-	-	23.8	-	-	18.1	-	-
152	65.6	59.4	-	50.9	54.5	-	44.5	43.4	-	38.1	-	-	30.4	-	-	23.5	-	-	17.6	-	-
160	63.6	58.5	-	50.7	53.2	-	44.5	43.2	-	37.8	37.8	-	30.1	-	-	23.1	-	-	17.2	-	-
168	61.6	57.4	49.5	50.2	52.1	-	44.5	43.1	-	37.5	37.6	-	29.8	30.0	-	22.8	-	-	16.8	-	-
176	59.6	56.4	48.1	49.3	50.9	-	44.3	43.0	-	37.1	37.3	-	29.4	29.6	-	22.3	23.4	-	16.4	-	-
184	55.9	55.2	46.7	48.4	49.8	44.9	43.7	42.9	-	36.8	37.0	-	29.0	29.2	-	21.9	23.0	-	15.9	17.0	-
192	50.9	54.0	45.4	47.4	48.7	43.0	43.0	42.7	39.9	36.5	36.7	-	28.6	28.8	-	21.5	22.6	-	15.6	16.6	-
200	42.5	52.7	44.1	46.5	47.8	41.1	42.2	42.4	38.7	36.2	36.4	-	28.2	28.6	-	21.1	22.2	-	15.2	16.1	-
208	-	51.4	42.8	42.7	46.9	39.7	41.4	42.0	37.4	35.7	35.9	33.9	27.8	28.2	-	20.8	21.8	-	14.8	15.6	-
216	-	49.9	41.7	36.8	46.1	38.4	40.6	41.5	36.2	35.3	35.5	32.9	27.4	27.8	26.7	20.5	21.4	-	14.4	15.2	-
224	-	-	40.7	-	45.2	37.7	36.2	40.9	35.3	34.9	35.1	32.0	27.0	27.5	26.0	20.2	21.1	21.3	14.0	14.8	-
232	-	-	-	-	43.6	37.0	31.2	40.4	34.4	33.8	34.7	31.1	26.6	27.3	25.3	19.7	20.6	20.8	13.5	14.5	-
240	-	-	-	-	-	36.3	-	39.9	33.7	31.0	34.1	30.4	26.2	27.0	24.5	19.4	20.2	20.2	13.1	14.1	15.2
248	-	-	-	-	-	35.7	-	37.9	33.1	27.2	33.6	29.8	25.7	26.7	23.8	18.9	19.9	19.7	12.7	13.6	14.7
256	-	-	-	-	-	-	-	-	32.4	-	33.1	29.1	25.1	26.5	23.1	18.5	19.6	19.2	12.3	13.2	14.3
264	-	-	-	-	-	-	-	-	31.6	-	32.4	28.6	22.8	26.2	22.5	18.1	19.2	18.6	12.1	13.0	13.9
272	-	-	-	-	-	-	-	-	-	-	30.4	28.0	19.9	25.9	21.8	17.8	18.8	18.1	11.8	12.6	13.5
280	-	-	-	-	-	-	-	-	-	-	-	27.5	-	25.6	21.3	17.5	18.4	17.7	11.4	12.2	13.1
288	-	-	-	-	-	-	-	-	-	-	-	27.1	-	24.9	20.8	15.8	18.0	17.2	11.1	11.9	12.7
296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.2	-	17.6	16.7	11.0	11.7	12.3
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-	17.3	16.3	10.7	11.4	11.9
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	15.9	10.2	11.1	11.6
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	10.9	11.3
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-	10.7	10.9
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3

Max. capacities with minimum counterweight · Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

 360° 85%																		
 116.5 ft +  13.1 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°
ft							1,000 lb											
56	174.4	-	-	147.6	-	-	120.2	-	-	-	-	-	-	-	-	-	-	-
64	162.3	-	-	144.4	-	-	120.2	-	-	99.2	-	-	-	-	-	-	-	-
72	150.2	-	-	137.9	-	-	120.2	-	-	99.2	-	-	78.3	-	-	-	-	-
80	141.1	-	-	131.2	-	-	117.5	-	-	99.2	-	-	78.3	-	-	66.1	-	-
88	-	109.1	-	125.0	-	-	114.4	-	-	98.8	-	-	78.3	-	-	66.1	-	-
96	-	102.3	-	120.3	96.8	-	111.0	-	-	98.1	-	-	78.3	-	-	66.1	-	-
104	-	97.5	-	118.1	91.1	-	109.3	87.7	-	97.2	-	-	78.3	-	-	66.1	-	-
112	-	-	80.2	-	86.9	-	106.8	82.4	-	95.8	80.2	-	78.3	-	-	66.1	-	-
120	-	-	75.9	-	83.1	71.0	104.2	78.4	-	94.5	76.2	-	78.3	72.1	-	66.1	-	-
128	-	-	49.3	-	54.9	67.8	-	74.9	66.1	92.6	72.2	-	77.7	68.9	-	66.1	64.9	-
136	-	-	-	-	-	65.0	-	73.1	62.4	90.7	68.9	-	77.2	66.0	-	66.1	62.1	-
144	-	-	-	-	-	63.1	-	72.8	59.4	79.0	66.3	56.6	76.1	63.6	-	65.9	59.8	-
152	-	-	-	-	-	-	-	-	56.9	-	64.8	53.5	74.8	61.1	51.4	65.7	57.5	-
160	-	-	-	-	-	-	-	-	55.4	-	63.3	51.0	69.7	59.4	48.5	65.3	55.6	-
168	-	-	-	-	-	-	-	-	-	-	-	49.2	-	58.0	46.1	63.1	53.9	44.1
176	-	-	-	-	-	-	-	-	-	-	-	48.0	-	57.0	44.0	59.2	52.5	41.8
184	-	-	-	-	-	-	-	-	-	-	-	24.0	-	27.9	42.6	-	51.4	40.0
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.6	-	50.6	38.3
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.0	-	49.9	36.9
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.9
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.1
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.3

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft			
ft										1,000 lb											
80	59.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	59.5	-	-	46.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	-	-	-	-	-	-	-	-	-
104	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	-	-	-	-	-	-
112	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	24.0	-	-	18.7	-	-
120	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	24.0	-	-	18.5	-	-
128	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	23.8	-	-	18.1	-	-
136	59.5	54.6	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	23.6	-	-	17.7	-	-
144	59.5	53.0	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	23.4	-	-	17.4	-	-
152	59.5	51.6	-	46.3	52.0	-	40.8	39.7	-	35.3	-	-	28.7	-	-	23.1	-	-	17.1	-	-
160	59.1	50.3	-	46.3	49.8	-	40.8	39.6	-	35.3	-	-	28.7	-	-	23.1	-	-	16.7	-	-
168	58.6	49.0	-	46.3	47.8	-	40.8	39.4	-	35.3	33.7	-	28.7	-	-	22.8	-	-	16.3	-	-
176	58.2	47.8	41.2	46.3	45.9	-	40.8	39.3	-	35.3	33.7	-	28.7	27.6	-	22.5	-	-	15.9	-	-
184	56.3	46.7	39.6	46.3	44.4	-	40.8	39.0	-	35.3	33.7	-	28.7	27.6	-	22.3	23.0	-	15.6	-	-
192	52.7	45.7	38.0	46.3	42.9	36.8	40.8	38.7	-	35.3	33.7	-	28.7	27.6	-	22.0	22.7	-	15.1	16.2	-
200	44.7	44.7	36.6	46.3	41.6	34.8	40.8	38.4	-	35.3	33.7	-	28.7	27.6	-	21.7	22.4	-	14.7	15.8	-
208	-	43.9	35.2	43.4	40.5	33.0	40.8	37.9	31.9	35.1	33.7	-	28.5	27.6	-	21.5	22.1	-	14.3	15.4	-
216	-	43.3	34.0	38.3	39.5	31.4	40.8	37.5	30.3	35.1	33.7	28.5	28.2	27.6	-	21.2	21.8	-	13.9	15.0	-
224	-	18.1	33.1	-	38.8	30.2	36.9	37.0	28.8	35.1	33.4	27.4	27.7	27.6	23.9	20.8	21.6	-	13.6	14.6	-
232	-	-	32.2	-	38.2	29.1	32.3	36.4	27.5	34.3	33.0	26.4	27.4	27.5	22.9	20.5	21.4	-	13.3	14.2	-
240	-	-	31.4	-	37.8	28.5	26.8	35.7	26.4	31.8	32.5	25.3	26.9	27.2	22.1	20.2	21.1	20.5	12.9	13.8	-
248	-	-	-	-	-	28.0	-	35.1	25.5	28.1	32.1	24.4	26.4	26.9	21.3	19.9	20.8	19.9	12.6	13.6	14.7
256	-	-	-	-	-	-	-	9.5	24.7	-	31.7	23.6	26.0	26.5	20.5	19.6	20.5	19.4	12.3	13.2	14.3
264	-	-	-	-	-	-	-	8.8	24.1	-	31.3	22.9	23.4	26.0	19.8	19.2	20.2	18.7	12.1	13.0	14.1
272	-	-	-	-	-	-	-	-	23.7	-	30.3	22.3	20.4	25.7	19.1	18.9	19.9	18.1	11.8	12.7	13.7
280	-	-	-	-	-	-	-	-	23.4	-	28.3	21.7	-	25.4	18.4	18.6	19.5	17.6	11.6	12.4	13.3
288	-	-	-	-	-	-	-	-	-	-	-	21.3	-	25.1	17.8	16.7	19.2	17.0	11.4	12.1	13.0
296	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5	17.1	-	18.9	16.5	11.2	11.9	12.8
304	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	16.6	-	18.5	15.9	11.1	11.8	12.3
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.1	-	18.2	15.4	10.3	11.6	12.0
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.5	-	17.9	14.7	-	11.5	11.7
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.1	-	11.4	11.4
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6
352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.2

 360°																		85%	
 132.9 ft +  13.1 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°
ft																			
56		144.4	-	-	123.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64		140.2	-	-	123.5	-	-	94.8	-	-	-	-	-	-	-	-	-	-	-
72		132.5	-	-	121.3	-	-	94.8	-	-	78.3	-	-	64.4	-	-	-	-	-
80		123.3	-	-	113.6	-	-	94.4	-	-	78.3	-	-	64.4	-	-	55.6	-	-
88		-	-	-	107.3	-	-	91.7	-	-	78.3	-	-	64.4	-	-	55.6	-	-
96		-	88.0	-	103.0	87.3	-	89.7	-	-	78.3	-	-	64.4	-	-	55.6	-	-
104		-	83.2	-	100.5	81.1	-	88.4	-	-	77.3	-	-	64.4	-	-	55.6	-	-
112		-	65.8	-	-	75.8	-	87.0	68.1	-	77.2	-	-	64.4	-	-	55.6	-	-
120		-	-	64.6	-	71.8	-	85.7	64.6	-	76.1	62.6	-	64.3	-	-	55.5	-	-
128		-	-	60.1	-	69.4	59.3	-	61.5	-	75.5	59.2	-	64.0	56.5	-	55.3	-	-
136		-	-	43.1	-	48.7	55.9	-	59.2	-	74.2	56.2	-	63.6	53.6	-	55.3	50.9	-
144		-	-	-	-	-	53.0	-	57.8	48.0	72.8	53.9	-	63.3	51.0	-	55.1	48.6	-
152		-	-	-	-	-	34.5	-	40.4	45.4	-	51.8	43.4	62.7	48.7	-	55.1	46.3	-
160		-	-	-	-	-	-	-	-	43.7	-	50.6	41.2	62.0	46.9	-	54.7	44.4	-
168		-	-	-	-	-	-	-	-	28.1	-	33.0	39.3	-	45.3	36.9	54.4	42.7	-
176		-	-	-	-	-	-	-	-	26.1	-	30.8	37.7	-	44.0	34.9	54.1	41.2	33.7
184		-	-	-	-	-	-	-	-	-	-	-	36.8	-	43.3	33.3	-	40.1	32.0
192		-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.0	-	39.1	30.4
200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.0	-	38.4	29.0
208		-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	19.6	27.9
216		-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.2	-	18.4	27.0
224		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.4

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
										1,000 lb											
80	48.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	48.3	-	-	37.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	48.3	-	-	37.5	-	-	31.5	-	-	27.8	-	-	-	-	-	-	-	-	-	-	-
104	48.3	-	-	37.5	-	-	31.5	-	-	27.8	-	-	22.0	-	-	-	-	-	-	-	-
112	48.3	-	-	37.5	-	-	31.5	-	-	27.6	-	-	22.0	-	-	18.3	-	-	-	-	-
120	48.3	-	-	37.5	-	-	31.5	-	-	27.5	-	-	22.0	-	-	18.2	-	-	13.8	-	-
128	48.3	-	-	37.5	-	-	31.5	-	-	27.3	-	-	22.0	-	-	18.1	-	-	13.6	-	-
136	48.3	-	-	37.5	-	-	31.5	-	-	27.3	-	-	22.0	-	-	18.1	-	-	13.1	-	-
144	48.3	43.3	-	37.5	-	-	31.5	-	-	27.3	-	-	22.0	-	-	18.1	-	-	12.8	-	-
152	48.3	41.9	-	37.5	41.9	-	31.5	-	-	27.3	-	-	22.0	-	-	17.9	-	-	12.5	-	-
160	48.2	40.6	-	37.5	40.3	-	31.5	-	-	27.3	-	-	22.0	-	-	17.8	-	-	12.3	-	-
168	47.9	39.3	-	37.5	38.7	-	31.5	30.1	-	27.3	-	-	22.0	-	-	17.6	-	-	12.0	-	-
176	47.7	38.1	-	37.5	37.3	-	31.5	29.8	-	27.3	27.6	-	22.0	-	-	17.6	-	-	11.7	-	-
184	47.4	37.2	31.0	37.5	35.7	-	31.5	29.5	-	27.3	27.2	-	22.0	20.9	-	17.5	-	-	11.5	-	-
192	46.7	36.2	29.7	37.5	34.2	-	31.5	29.3	-	27.3	26.8	-	22.0	20.9	-	17.4	-	-	11.2	-	-
200	44.2	35.4	28.4	37.5	33.1	27.5	31.5	29.0	-	27.2	26.6	-	22.0	20.9	-	17.3	17.2	-	10.9	11.8	-
208	-	34.7	27.2	37.5	32.2	26.0	31.5	28.6	24.5	27.1	26.2	-	22.0	20.9	-	17.1	17.1	-	10.6	11.5	-
216	-	34.0	26.1	37.5	31.6	24.6	31.5	28.2	23.0	27.1	25.8	-	21.8	20.9	-	17.0	17.0	-	10.4	11.3	-
224	-	33.4	25.1	-	30.9	23.2	31.5	27.7	21.8	27.1	25.4	19.2	21.7	20.9	-	16.9	16.9	-	10.2	11.0	-
232	-	-	24.3	-	30.2	22.1	30.6	27.2	20.6	27.1	25.0	18.2	21.5	20.9	16.7	16.7	16.7	-	10.1	10.8	-
240	-	-	23.6	-	29.6	21.6	27.4	26.6	19.2	27.1	24.6	17.3	21.3	20.9	15.9	16.4	16.6	-	9.8	10.6	-
248	-	-	8.4	-	11.2	21.0	-	26.2	18.5	26.1	24.2	16.5	21.1	20.8	15.2	16.2	16.4	14.7	9.6	10.4	-
256	-	-	-	-	-	20.5	-	25.8	18.1	-	23.8	15.9	20.9	20.5	14.5	16.1	16.1	13.9	9.5	10.1	-
264	-	-	-	-	-	20.0	-	25.3	17.5	-	23.4	15.3	20.7	20.4	13.9	16.0	16.0	13.3	9.3	10.0	-
272	-	-	-	-	-	-	-	17.0	-	22.9	14.8	19.5	20.2	13.2	15.8	15.8	12.8	12.8	9.2	9.8	-
280	-	-	-	-	-	-	-	16.6	-	22.4	14.3	16.8	20.1	12.5	15.7	15.5	12.1	9.1	9.6	-	-
288	-	-	-	-	-	-	-	-	-	-	5.6	13.9	-	20.0	12.1	15.3	15.2	11.5	8.9	9.4	-
296	-	-	-	-	-	-	-	-	-	-	-	13.7	-	19.8	11.6	-	15.0	11.0	8.8	9.2	-
304	-	-	-	-	-	-	-	-	-	-	-	13.5	-	19.5	11.2	-	14.7	10.6	8.7	9.1	-
312	-	-	-	-	-	-	-	-	-	-	-	-	-	10.9	-	14.4	10.1	8.5	9.0	-	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6	-	14.2	9.6	8.4	8.8	-	-
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	-	8.7	-
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	-	8.6	-
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	-	8.4	-

Max. capacities with minimum counterweight · Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

 360° 85 %																		
 149.3 ft +  13.1 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°
ft							1,000 lb											
64	114.1	-	-	99.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	109.2	-	-	99.2	-	-	79.4	-	-	66.1	-	-	-	-	-	-	-	-
80	102.6	-	-	95.1	-	-	79.2	-	-	66.1	-	-	57.3	-	-	50.7	-	-
88	96.3	-	-	90.6	-	-	78.3	-	-	66.1	-	-	57.3	-	-	50.7	-	-
96	-	-	-	86.8	-	-	77.2	-	-	66.1	-	-	57.3	-	-	50.7	-	-
104	-	-	-	85.0	-	-	76.2	-	-	66.1	-	-	57.1	-	-	50.7	-	-
112	-	67.1	-	-	63.7	-	75.0	60.4	-	66.1	-	-	57.1	-	-	50.7	-	-
120	-	-	-	-	60.3	-	74.6	56.7	-	66.1	-	-	56.8	-	-	50.6	-	-
128	-	-	50.5	-	57.5	-	73.9	53.6	-	65.9	51.2	-	56.5	-	-	50.5	-	-
136	-	-	47.2	-	55.4	45.6	-	51.0	-	65.5	48.3	-	56.3	46.1	-	50.5	-	-
144	-	-	37.2	-	-	43.3	-	49.2	-	65.1	46.0	-	55.8	43.5	-	50.3	42.2	-
152	-	-	-	-	-	41.2	-	48.0	38.1	-	43.7	-	55.5	41.2	-	50.2	39.9	-
160	-	-	-	-	-	29.7	-	-	36.2	-	42.3	-	55.0	39.1	-	50.0	37.9	-
168	-	-	-	-	-	-	-	-	34.7	-	41.0	33.0	-	37.3	-	49.6	36.0	-
176	-	-	-	-	-	-	-	-	33.7	-	40.0	31.5	-	35.9	28.9	49.2	34.4	-
184	-	-	-	-	-	-	-	-	-	-	-	30.3	-	34.9	27.4	47.5	33.0	26.8
192	-	-	-	-	-	-	-	-	-	-	-	18.0	-	-	26.0	-	32.0	25.3
200	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	24.8	-	31.0	23.9
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	-	30.4	22.8
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0	-	30.0	21.9
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.1
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7

	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft										1,000 lb											
88	41.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	41.9	-	-	32.4	-	-	25.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	41.9	-	-	32.4	-	-	25.4	-	-	23.2	-	-	-	-	-	-	-	-	-	-	-
112	41.9	-	-	32.4	-	-	25.4	-	-	22.9	-	-	17.6	-	-	-	-	-	-	-	-
120	41.9	-	-	32.4	-	-	25.4	-	-	22.6	-	-	17.6	-	-	14.3	-	-	10.7	-	-
128	41.9	-	-	32.4	-	-	25.4	-	-	22.5	-	-	17.6	-	-	14.3	-	-	10.4	-	-
136	41.9	-	-	32.4	-	-	25.4	-	-	22.3	-	-	17.6	-	-	14.3	-	-	10.0	-	-
144	41.9	-	-	32.4	-	-	25.4	-	-	22.1	-	-	17.6	-	-	14.3	-	-	9.7	-	-
152	41.9	36.9	-	32.4	-	-	25.4	-	-	22.0	-	-	17.6	-	-	14.3	-	-	9.4	-	-
160	41.9	35.5	-	32.4	-	-	25.4	-	-	22.0	-	-	17.6	-	-	14.3	-	-	9.2	-	-
168	41.9	34.2	-	32.4	32.1	-	25.4	24.2	-	22.0	-	-	17.6	-	-	14.3	-	-	8.9	-	-
176	41.9	33.0	-	32.4	30.6	-	25.4	23.9	-	22.0	-	-	17.6	-	-	14.3	-	-	8.6	-	-
184	41.9	31.9	-	32.4	29.4	-	25.4	23.6	-	22.0	24.2	-	17.6	16.5	-	14.3	-	-	8.5	-	-
192	41.9	30.9	-	32.4	28.2	-	25.4	23.3	-	22.0	23.4	-	17.6	16.5	-	14.3	-	-	8.3	-	-
200	41.9	29.9	23.2	32.4	27.1	-	25.4	22.9	-	22.0	22.6	-	17.6	16.5	-	14.3	-	-	8.2	-	-
208	41.9	29.1	22.0	32.4	26.1	20.3	25.4	22.5	-	22.0	21.8	-	17.6	16.5	-	14.3	13.2	-	8.1	8.7	-
216	-	28.3	20.8	32.4	25.2	19.0	25.4	22.1	-	22.0	21.0	-	17.6	16.5	-	14.3	13.2	-	7.9	8.6	-
224	-	27.7	19.8	30.4	24.4	17.8	25.4	21.7	16.2	22.0	20.3	-	17.6	16.5	-	14.3	13.2	-	7.8	8.5	-
232	-	-	19.0	-	23.7	16.7	25.4	21.3	14.9	22.0	19.6	11.7	17.6	16.5	-	14.3	13.2	-	7.7	8.3	-
240	-	-	18.3	-	23.1	15.9	25.4	20.9	13.8	22.0	19.0	10.9	17.6	16.5	11.6	14.3	13.2	-	7.7	8.2	-
248	-	-	17.6	-	22.7	15.2	-	20.4	12.9	22.0	18.4	10.1	17.6	16.4	10.7	14.3	13.1	-	7.6	8.1	-
256	-	-	-	-	-	14.5	-	19.8	12.1	22.0	17.9	9.5	17.6	16.1	9.9	14.3	13.0	10.6	7.5	7.9	-
264	-	-	-	-	-	14.0	-	19.2	11.4	19.1	17.3	8.9	17.6	15.7	9.1	14.3	12.9	9.6	7.5	7.8	-
272	-	-	-	-	-	-	-	-	10.9	-	16.8	8.5	17.4	15.3	8.4	14.3	12.7	8.8	7.4	7.7	-
280	-	-	-	-	-	-	-	-	10.5	-	16.4	8.2	16.9	15.1	7.9	14.3	12.6	8.1	7.3	7.5	-
288	-	-	-	-	-	-	-	-	10.2	-	16.0	7.9	-	14.7	7.4	14.3	12.5	7.4	7.3	7.5	-
296	-	-	-	-	-	-	-	-	-	-	-	7.5	-	14.3	7.0	14.0	12.3	6.8	7.3	7.5	-
304	-	-	-	-	-	-	-	-	-	-	-	7.3	-	13.9	6.6	11.0	12.2	6.2	7.1	7.3	-
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	12.1	5.8	6.9	7.2	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	11.9	5.4	6.7	7.1	-
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	11.6	5.0	-	6.9	-
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	6.8	-
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	-	6.7	-

Max. capacities with minimum counterweight · Further counterweight configurations on request



360°																			85%
165.7 ft + 13.1 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°	
ft							1,000 lb												
64	83.8	-	-	72.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
72	82.7	-	-	69.5	-	-	58.6	-	-	-	-	-	-	-	-	-	-	-	
80	80.3	-	-	68.3	-	-	58.6	-	-	48.7	-	-	44.5	-	-	-	-	-	
88	78.5	-	-	68.3	-	-	58.5	-	-	48.7	-	-	44.5	-	-	37.7	-	-	
96	-	-	-	68.3	-	-	57.9	-	-	48.7	-	-	44.5	-	-	37.7	-	-	
104	-	-	-	67.4	-	-	57.6	-	-	48.7	-	-	44.3	-	-	37.7	-	-	
112	-	56.1	-	-	54.1	-	57.1	-	-	48.7	-	-	44.1	-	-	37.7	-	-	
120	-	53.2	-	-	51.1	-	56.9	-	-	48.7	-	-	43.5	-	-	37.5	-	-	
128	-	-	-	-	48.4	-	56.5	42.5	-	48.7	-	-	43.1	-	-	37.5	-	-	
136	-	-	-	-	46.0	-	-	40.4	-	48.6	38.0	-	42.7	-	-	37.5	-	-	
144	-	-	35.2	-	44.2	-	-	38.7	-	48.3	36.0	-	42.1	33.8	-	37.5	-	-	
152	-	-	-	-	-	35.0	-	37.1	-	-	34.2	-	41.8	31.7	-	37.4	30.4	-	
160	-	-	-	-	-	33.1	-	36.3	29.0	-	32.8	-	41.4	30.1	-	37.2	28.8	-	
168	-	-	-	-	-	-	-	-	27.6	-	31.6	-	-	28.5	-	36.9	27.3	-	
176	-	-	-	-	-	-	-	-	26.4	-	30.8	24.4	-	27.3	-	36.6	26.0	-	
184	-	-	-	-	-	-	-	-	20.6	-	-	23.3	-	26.3	21.0	36.5	24.9	-	
192	-	-	-	-	-	-	-	-	-	-	-	22.3	-	25.5	19.8	-	23.8	-	
200	-	-	-	-	-	-	-	-	-	-	-	21.5	-	24.9	18.8	-	23.0	17.9	
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.8	-	22.4	16.9	
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	-	21.9	15.9	
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	15.1	
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
										1,000 lb											
88	29.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
96	29.8	-	-	22.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	29.8	-	-	22.7	-	-	17.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	29.8	-	-	22.7	-	-	17.2	-	-	14.3	-	-	10.6	-	-	-	-	-	-	-	-
120	29.8	-	-	22.7	-	-	17.2	-	-	14.3	-	-	10.6	-	-	-	-	-	-	-	-
128	29.8	-	-	22.7	-	-	17.2	-	-	14.2	-	-	10.6	-	-	-	-	-	-	-	-
136	29.8	-	-	22.7	-	-	17.2	-	-	14.1	-	-	10.6	-	-	-	-	-	-	-	-
144	29.8	-	-	22.7	-	-	17.2	-	-	14.1	-	-	10.6	-	-	-	-	-	-	-	-
152	29.8	-	-	22.7	-	-	17.2	-	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
160	29.8	26.3	-	22.7	-	-	17.2	-	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
168	29.8	25.3	-	22.7	22.6	-	17.2	-	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
176	29.8	24.2	-	22.7	21.7	-	17.2	16.5	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
184	29.8	23.1	-	22.7	20.7	-	17.2	16.2	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
192	29.8	22.1	-	22.7	19.6	-	17.2	15.8	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
200	29.8	21.3	-	22.7	18.7	-	17.2	15.5	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
208	-	20.6	15.8	22.7	17.8	-	17.2	15.2	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
216	-	20.1	14.8	22.7	17.0	-	17.2	14.8	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
224	-	19.6	14.0	22.7	16.5	-	17.2	14.4	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
232	-	19.1	13.3	-	15.9	-	17.2	14.0	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
240	-	18.7	12.6	-	15.4	-	17.2	13.8	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
248	-	-	12.1	-	14.9	-	-	13.4	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
256	-	-	-	-	-	-	-	13.0	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
264	-	-	-	-	-	-	-	12.7	-	13.9	-	-	10.6	-	-	-	-	-	-	-	-
272	-	-	-	-	-	-	-	12.4	-	-	-	-	10.6	-	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	12.0	-	-	-	-	10.6	-	-	-	-	-	-	-	-

Max. capacities with minimum counterweight · Further counterweight configurations on request

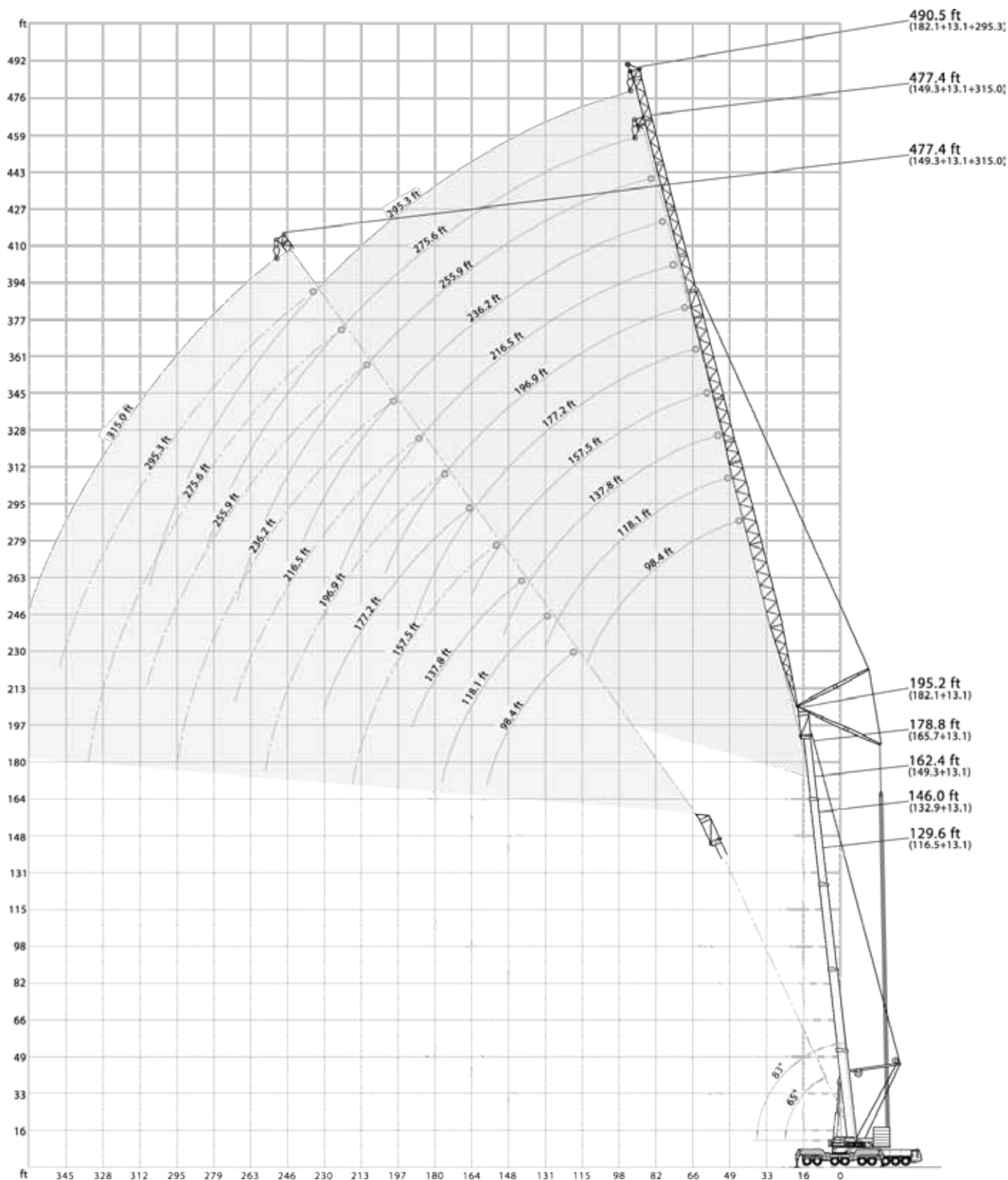
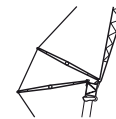
132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

 360°																			85%		
 182.1 ft +  13.1 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°		
ft								1,000 lb													
72		68.3	-	-	56.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
80		65.9	-	-	56.1	-	-	44.1	-	-	36.6	-	-	-	-	-	-	-	-		
88		64.4	-	-	55.1	-	-	44.1	-	-	36.6	-	-	36.4	-	-	-	-	-		
96		-	-	-	53.9	-	-	44.1	-	-	36.6	-	-	36.4	-	-	28.4	-	-		
104		-	-	-	52.8	-	-	44.1	-	-	36.6	-	-	36.2	-	-	28.4	-	-		
112		-	-	-	-	-	-	44.1	-	-	36.6	-	-	35.9	-	-	28.4	-	-		
120		-	44.1	-	-	39.8	-	44.1	-	-	36.6	-	-	35.1	-	-	28.4	-	-		
128		-	41.9	-	-	37.6	-	44.1	34.8	-	36.6	-	-	34.4	-	-	28.4	-	-		
136		-	-	-	-	35.7	-	-	33.1	-	36.6	-	-	33.7	-	-	28.4	-	-		
144		-	-	-	-	34.4	-	-	31.6	-	36.6	29.2	-	33.1	-	-	28.4	-	-		
152		-	-	30.4	-	-	-	-	30.3	-	-	27.6	-	32.6	25.0	-	28.4	-	-		
160		-	-	-	-	-	26.4	-	29.4	-	-	26.3	-	32.1	23.5	-	28.4	22.1	-		
168		-	-	-	-	-	24.0	-	-	-	-	25.3	-	-	22.2	-	28.2	20.8	-		
176		-	-	-	-	-	22.3	-	-	21.7	-	24.4	-	-	21.1	-	28.0	19.6	-		
184		-	-	-	-	-	-	-	-	20.8	-	23.6	18.3	-	20.1	-	27.9	18.6	-		
192		-	-	-	-	-	-	-	-	-	-	-	17.5	-	19.3	-	-	17.7	-		
200		-	-	-	-	-	-	-	-	-	-	-	16.7	-	18.7	13.8	-	17.0	-		
208		-	-	-	-	-	-	-	-	-	-	-	12.5	-	-	13.3	-	16.4	12.1		
216		-	-	-	-	-	-	-	-	-	-	-	11.5	-	-	12.6	-	15.9	11.3		
224		-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	-	13.2	10.6	-		
232		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0		
240		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4		

196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft									1,000 lb											
96	20.9	-	-	15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	20.9	-	-	15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	-	-	-	-	-	-	-	-
120	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
128	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
136	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
144	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
152	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
160	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
168	20.9	18.9	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
176	20.9	17.8	-	15.4	13.8	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-	-	-
184	20.9	16.9	-	15.4	13.0	-	11.0	10.6	-	7.3	-	-	4.4	-	-	-	-	-	-	-
192	20.9	16.1	-	15.4	12.2	-	11.0	10.2	-	7.3	-	-	4.4	-	-	-	-	-	-	-
200	20.9	15.3	-	15.4	11.5	-	11.0	9.7	-	7.3	-	-	4.4	-	-	-	-	-	-	-
208	-	14.6	-	15.4	10.9	-	11.0	9.2	-	7.3	-	-	4.4	-	-	-	-	-	-	-
216	-	13.9	10.2	15.4	10.2	-	11.0	8.8	-	7.3	-	-	4.4	-	-	-	-	-	-	-
224	-	13.5	9.4	15.4	9.5	-	11.0	8.6	-	7.3	-	-	4.4	-	-	-	-	-	-	-
232	-	13.1	8.7	-	8.9	-	11.0	8.3	-	7.3	-	-	4.4	-	-	-	-	-	-	-
240	-	12.7	8.1	-	8.3	-	11.0	7.9	-	7.3	-	-	4.4	-	-	-	-	-	-	-
248	-	-	7.7	-	7.9	-	-	7.5	-	7.3	-	-	4.4	-	-	-	-	-	-	-
256	-	-	7.3	-	7.0	-	-	7.3	-	7.3	-	-	4.4	-	-	-	-	-	-	-
264	-	-	6.9	-	6.4	-	-	7.0	-	7.3	-	-	4.4	-	-	-	-	-	-	-
272	-	-	-	-	-	-	-	6.8	-	-	-	-	4.4	-	-	-	-	-	-	-
280	-	-	-	-	-	-	-	6.7	-	-	-	-	4.4	-	-	-	-	-	-	-

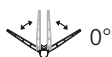
Max. capacities with minimum counterweight · Further counterweight configurations on request

132,300 lb 176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb



 360° 85%																			
 116.5 ft +  13.1 ft																			
 ft		98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft		
		83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
1,000 lb																			
56		202.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64		196.2	-	-	174.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72		182.2	-	-	170.9	-	-	146.6	-	-	-	-	-	-	-	-	-	-	-
80		169.8	-	-	163.0	-	-	146.2	-	-	125.9	-	-	107.6	-	-	-	-	-
88		157.3	-	-	152.9	-	-	142.6	-	-	122.6	-	-	104.9	-	-	88.4	-	-
96		146.6	134.4	-	143.3	116.2	-	136.5	-	-	119.2	-	-	102.2	-	-	86.8	-	-
104		134.9	127.6	-	134.4	112.8	-	129.8	-	-	116.1	-	-	100.5	-	-	85.0	-	-
112		-	120.5	-	125.1	109.3	-	123.1	98.5	-	112.2	-	-	98.0	-	-	83.7	-	-
120		-	111.7	103.4	112.9	105.0	-	116.4	98.0	-	108.5	78.3	-	95.3	-	-	82.4	-	-
128		-	69.4	96.2	-	100.1	94.1	109.1	96.8	-	104.7	78.3	-	93.1	66.1	-	80.5	-	-
136		-	-	89.8	-	94.0	88.0	97.0	93.5	-	100.1	78.3	-	91.0	66.1	-	78.6	59.5	-
144		-	-	84.2	-	87.8	82.3	80.1	88.0	80.3	94.0	77.4	-	87.3	66.1	-	77.2	59.5	-
152		-	-	-	-	-	77.4	-	82.6	75.2	82.1	76.1	73.5	84.2	66.0	-	75.7	59.5	-
160		-	-	-	-	-	72.9	-	77.7	70.8	69.9	72.8	69.0	77.1	65.3	-	73.0	59.5	-
168		-	-	-	-	-	-	-	-	66.9	-	69.6	65.1	67.1	64.0	63.6	70.3	59.3	-
176		-	-	-	-	-	-	-	-	63.2	-	66.4	61.4	58.0	61.8	60.0	67.6	58.7	59.1
184		-	-	-	-	-	-	-	-	33.7	-	37.8	58.1	-	59.5	56.8	60.8	57.0	56.1
192		-	-	-	-	-	-	-	-	-	-	-	55.0	-	57.3	53.7	53.2	55.4	53.0
200		-	-	-	-	-	-	-	-	-	-	-	52.2	-	55.2	51.0	45.2	53.5	50.2
208		-	-	-	-	-	-	-	-	-	-	-	-	-	-	48.4	-	51.8	47.6
216		-	-	-	-	-	-	-	-	-	-	-	-	-	-	45.8	-	50.0	45.1
224		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.3	43.2
232		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.1
240		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.1

216.5 ft				236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft							1,000 lb											
96	69.9	-	-	60.6	-	-	-	-	-	-	-	-	-	-	-	-	-	
104	68.5	-	-	59.4	-	-	49.5	-	-	-	-	-	-	-	-	-	-	
112	67.2	-	-	58.1	-	-	48.4	-	-	39.0	-	-	31.0	-	-	-	-	
120	66.1	-	-	57.0	-	-	47.4	-	-	37.9	-	-	30.3	-	-	24.6	-	
128	65.6	-	-	55.9	-	-	46.3	-	-	37.0	-	-	29.6	-	-	24.0	-	
136	64.6	-	-	54.9	-	-	45.1	-	-	36.1	-	-	29.0	-	-	23.3	-	
144	63.7	46.3	-	54.0	-	-	44.3	-	-	35.1	-	-	28.3	-	-	22.7	-	
152	62.7	46.3	-	53.5	40.8	-	43.6	-	-	34.3	-	-	27.5	-	-	22.2	-	
160	61.9	46.3	-	52.7	40.8	-	43.0	35.3	-	33.5	-	-	26.9	-	-	21.4	-	
168	60.9	46.3	-	51.9	40.8	-	42.3	35.3	-	32.7	28.7	-	26.1	-	-	20.9	-	
176	59.7	46.3	-	51.0	40.8	-	41.7	35.3	-	32.1	28.7	-	25.5	-	-	20.4	-	
184	58.6	46.1	46.3	50.1	40.8	-	41.0	35.3	-	31.3	28.7	-	24.8	22.9	-	19.7	-	
192	56.6	45.9	46.3	49.2	40.8	-	40.2	35.3	-	30.5	28.7	-	24.1	22.9	-	19.1	17.8	
200	50.9	45.2	46.3	48.1	40.6	40.8	39.4	35.3	-	29.8	28.7	-	23.3	22.7	-	18.5	17.6	
208	45.0	44.7	45.4	45.9	40.3	40.8	38.6	35.3	35.3	29.2	28.7	-	22.6	22.6	-	18.0	17.5	
216	38.8	44.1	43.4	43.0	39.7	40.8	37.8	35.1	35.3	28.5	28.7	-	22.1	22.5	-	17.5	17.2	
224	-	43.6	41.2	38.0	39.2	39.4	36.8	34.8	35.3	27.8	28.6	28.4	21.8	22.3	-	16.9	16.9	
232	-	42.9	39.1	32.8	38.6	37.4	35.3	34.5	35.1	27.2	28.3	27.9	21.5	22.2	23.0	16.4	16.7	
240	-	41.8	37.3	27.3	38.1	35.6	32.3	34.1	34.6	26.8	27.9	27.5	21.1	22.1	22.6	16.0	16.4	
248	-	-	35.5	-	37.5	33.7	28.5	33.7	33.3	26.4	27.4	27.1	20.8	21.8	22.2	15.6	16.2	
256	-	-	-	-	16.5	31.9	-	33.3	31.5	26.0	26.9	26.7	20.5	21.4	21.8	15.2	16.1	
264	-	-	-	-	-	30.5	-	32.9	30.0	23.8	26.5	26.4	20.2	21.1	21.4	14.8	15.7	
272	-	-	-	-	-	29.0	-	31.7	28.6	21.0	26.0	26.1	19.9	20.8	21.1	14.5	15.3	
280	-	-	-	-	-	-	-	29.1	27.3	17.1	25.5	25.7	19.5	20.4	20.8	14.2	15.1	
288	-	-	-	-	-	-	-	-	25.9	-	25.1	25.1	17.4	20.1	20.5	13.9	14.7	
296	-	-	-	-	-	-	-	-	-	-	11.4	24.4	-	19.8	20.3	13.6	14.3	
304	-	-	-	-	-	-	-	-	-	-	-	23.3	-	19.4	20.0	13.4	14.0	
312	-	-	-	-	-	-	-	-	-	-	-	22.2	-	19.1	19.7	11.9	13.8	
320	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	19.5	9.1	13.5	
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.1	-	13.1	
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.1	
352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.9	



0°



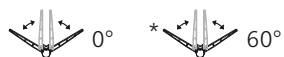
60°

Max. capacities with minimum counterweight · Further counterweight configurations on request



176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

 360°																			85 %
 132.9 ft +  13.1 ft																			
		98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft		
		83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
ft								1,000 lb											
64		157.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72		143.6	-	-	142.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80		133.9	-	-	131.7	-	-	128.4	-	-	117.8	-	-	-	-	-	-	-	-
88		124.7	-	-	121.8	-	-	119.2	-	-	111.7	-	-	100.1	-	-	84.0	-	-
96		116.0	116.5	-	113.8	-	-	111.2	-	-	106.3	-	-	96.7	-	-	82.0	-	-
104		107.0	109.4	-	105.7	93.9	-	104.4	-	-	101.0	-	-	94.0	-	-	80.6	-	-
112		-	102.1	-	98.8	92.3	-	97.7	78.5	-	94.5	-	-	90.2	-	-	79.3	-	-
120		-	95.8	-	91.0	90.4	-	91.3	78.2	-	89.1	64.4	-	86.1	-	-	77.6	-	-
128		-	89.5	92.3	-	87.4	-	85.9	78.0	-	83.7	64.4	-	81.5	55.6	-	74.9	-	-
136		-	82.4	87.5	-	82.1	84.5	79.8	77.9	-	79.2	64.4	-	77.0	55.6	-	72.3	-	-
144		-	-	82.3	-	76.7	80.2	74.1	74.7	-	74.1	64.4	-	72.9	55.6	-	69.6	48.3	-
152		-	-	46.3	-	52.4	75.3	-	70.8	72.3	69.8	64.0	-	68.9	55.6	-	66.9	48.3	-
160		-	-	-	-	-	71.0	-	66.5	68.7	64.9	61.6	63.3	65.1	55.6	-	64.1	48.3	-
168		-	-	-	-	-	38.8	-	43.7	65.1	-	59.2	61.5	61.6	54.5	55.2	61.0	48.3	-
176		-	-	-	-	-	-	-	-	61.4	-	56.6	59.4	57.7	52.5	54.0	57.8	48.3	-
184		-	-	-	-	-	-	-	-	58.1	-	53.9	56.3	-	50.4	52.4	54.6	47.1	47.8
192		-	-	-	-	-	-	-	-	-	-	-	53.2	-	48.5	51.0	50.9	45.7	47.0
200		-	-	-	-	-	-	-	-	-	-	-	50.5	-	46.3	49.0	45.8	44.1	46.3
208		-	-	-	-	-	-	-	-	-	-	-	23.7	-	28.4	46.7	-	42.7	45.3
216		-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.3	-	41.1	43.6
224		-	-	-	-	-	-	-	-	-	-	-	-	-	-	42.3	-	39.5	41.6
232		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.6
240		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.7
248		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3



Max. capacities with minimum counterweight · Further counterweight configurations on request

176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

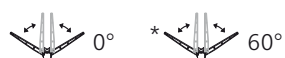
 360° 85 %																			
 132.9 ft +  13.1 ft																			
		216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
		83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
ft																			
96	67.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	66.3	-	-	56.1	-	-	46.4	-	-	-	-	-	-	-	-	-	-	-	-
112	66.1	-	-	55.3	-	-	45.8	-	-	37.0	-	-	-	-	-	-	-	-	-
120	65.2	-	-	54.7	-	-	45.3	-	-	36.3	-	-	29.2	-	-	-	-	-	-
128	64.1	-	-	53.9	-	-	44.5	-	-	35.7	-	-	28.7	-	-	22.5	-	-	-
136	63.1	-	-	53.3	-	-	44.0	-	-	35.2	-	-	28.1	-	-	22.1	-	-	-
144	62.2	-	-	52.5	-	-	43.5	-	-	34.4	-	-	27.6	-	-	21.8	-	-	-
152	61.1	37.5	-	51.9	-	-	42.9	-	-	33.9	-	-	27.0	-	-	21.3	-	-	-
160	60.2	37.5	-	51.2	31.5	-	42.2	-	-	33.3	-	-	26.5	-	-	21.1	-	-	-
168	58.6	37.5	-	50.6	31.5	-	41.6	27.3	-	32.5	-	-	25.9	-	-	20.7	-	-	-
176	56.3	37.5	-	49.9	31.5	-	41.1	27.3	-	31.8	21.6	-	25.2	-	-	20.1	-	-	-
184	53.6	37.5	-	48.6	31.5	-	40.5	27.3	-	31.2	21.6	-	24.7	17.4	-	19.6	-	-	-
192	50.8	37.3	37.5	47.1	31.5	-	39.9	27.3	-	30.5	21.6	-	24.1	17.2	-	19.1	11.9	-	-
200	48.1	36.6	37.5	45.4	31.5	-	39.0	27.3	-	29.8	21.6	-	23.4	17.2	-	18.5	11.8	-	-
208	44.4	36.1	37.5	43.8	31.2	31.5	38.1	27.3	-	29.2	21.6	-	22.8	17.0	-	18.0	11.5	-	-
216	40.0	35.5	37.5	42.2	30.9	31.5	37.3	27.3	27.3	28.5	21.6	-	22.1	17.0	-	17.5	11.3	-	-
224	-	34.8	37.0	38.3	30.4	31.5	36.5	27.1	27.3	27.8	21.6	-	21.5	16.8	-	16.9	11.0	-	-
232	-	34.2	36.2	33.9	30.1	31.4	35.2	26.8	27.3	27.1	21.5	21.3	21.0	16.7	-	16.4	10.9	-	-
240	-	33.5	35.0	28.5	29.7	31.2	32.8	26.5	27.3	26.5	21.3	21.0	20.5	16.5	16.4	16.0	10.7	-	-
248	-	18.5	33.7	-	29.3	30.6	29.2	26.3	27.2	25.9	21.0	20.9	19.9	16.4	16.2	15.6	10.4	-	-
256	-	-	32.4	-	28.9	29.8	-	26.0	27.1	25.3	20.7	20.7	19.4	16.3	16.1	15.2	10.4	10.8	-
264	-	-	30.9	-	28.6	28.8	-	25.7	26.4	23.9	20.6	20.5	19.0	16.0	16.0	14.8	10.1	10.7	-
272	-	-	-	-	-	27.7	-	25.5	25.8	21.5	20.4	20.2	18.6	15.8	15.8	14.4	9.9	10.5	-
280	-	-	-	-	-	26.4	-	25.2	25.3	17.8	20.1	20.1	18.2	15.7	15.7	14.0	9.7	10.4	-
288	-	-	-	-	-	6.7	-	11.8	24.4	-	19.9	20.0	16.8	15.6	15.6	13.7	9.6	10.2	-
296	-	-	-	-	-	-	-	-	23.5	-	19.6	19.8	-	15.4	15.4	13.4	9.5	9.9	-
304	-	-	-	-	-	-	-	-	22.3	-	19.4	19.6	-	15.3	15.3	13.2	9.3	9.8	-
312	-	-	-	-	-	-	-	-	-	-	-	19.6	-	15.2	15.2	11.9	9.2	9.6	-
320	-	-	-	-	-	-	-	-	-	-	-	19.4	-	15.0	15.0	9.3	8.9	9.5	-
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-	8.7	9.3	-
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.7	-	8.6	9.0	-
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	-	8.4	8.8	-
352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-



Max. capacities with minimum counterweight · Further counterweight configurations on request

	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
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 360° 85 %																			
 149.3 ft +  13.1 ft																			
		98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft		
		83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
ft																			
64		146.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72		139.1	-	-	132.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80		129.5	-	-	123.3	-	-	117.8	-	-	-	-	-	-	-	-	-	-	-
88		120.7	-	-	115.7	-	-	110.2	-	-	102.9	-	-	92.3	-	-	-	-	-
96		112.7	-	-	109.0	-	-	104.1	-	-	97.5	-	-	88.3	-	-	75.4	-	-
104		104.6	96.0	-	102.1	-	-	98.8	-	-	92.2	-	-	85.2	-	-	74.2	-	-
112		-	91.9	-	95.5	78.4	-	93.4	-	-	88.0	-	-	81.4	-	-	72.7	-	-
120		-	87.1	-	88.8	77.1	-	88.0	65.9	-	83.9	-	-	78.4	-	-	71.3	-	-
128		-	82.0	-	82.1	75.3	-	82.6	65.5	-	79.9	57.3	-	74.9	-	-	69.4	-	-
136		-	76.2	74.6	-	72.7	-	78.1	65.1	-	75.9	57.3	-	72.3	50.7	-	67.5	-	-
144		-	-	71.1	-	69.0	-	72.0	63.8	-	71.8	57.3	-	68.5	50.7	-	65.8	39.9	-
152		-	-	67.4	-	64.7	66.8	-	62.0	-	67.8	57.2	-	65.7	50.7	-	63.6	39.9	-
160		-	-	41.0	-	-	63.6	-	58.9	62.0	63.5	56.0	-	62.7	50.7	-	61.2	39.9	-
168		-	-	-	-	-	60.2	-	55.9	59.2	-	54.0	56.4	59.4	50.3	-	58.5	39.9	-
176		-	-	-	-	-	56.7	-	52.9	56.4	-	51.1	53.5	56.0	49.3	-	55.5	39.9	-
184		-	-	-	-	-	-	-	-	53.5	-	48.2	50.6	49.4	47.3	48.9	52.7	39.5	-
192		-	-	-	-	-	-	-	-	27.2	-	-	47.8	-	45.2	47.0	49.8	39.0	39.8
200		-	-	-	-	-	-	-	-	25.6	-	-	45.3	-	43.0	45.1	46.7	37.9	39.6
208		-	-	-	-	-	-	-	-	-	-	-	42.9	-	40.7	43.1	-	37.0	39.2
216		-	-	-	-	-	-	-	-	-	-	-	40.5	-	38.5	40.9	-	36.0	38.8
224		-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.8	-	34.9	37.8
232		-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	36.3
240		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.7
248		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.2



Max. capacities with minimum counterweight · Further counterweight configurations on request

	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
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 360° 85%																			
 149.3 ft +  13.1 ft																			
		216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
		83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
ft																			
104		62.7	-	-	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112		62.4	-	-	52.7	-	-	43.2	-	-	-	-	-	-	-	-	-	-	-
120		61.8	-	-	52.2	-	-	42.9	-	-	34.9	-	-	27.4	-	-	-	-	-
128		61.2	-	-	51.9	-	-	42.4	-	-	34.4	-	-	27.0	-	-	21.3	-	-
136		60.5	-	-	51.5	-	-	42.2	-	-	34.0	-	-	26.7	-	-	21.0	-	-
144		59.4	-	-	51.2	-	-	41.9	-	-	33.5	-	-	26.5	-	-	20.7	-	-
152		58.2	32.4	-	50.6	-	-	41.4	-	-	33.0	-	-	26.2	-	-	20.5	-	-
160		57.0	32.4	-	50.1	-	-	41.1	-	-	32.5	-	-	25.9	-	-	20.4	-	-
168		55.6	32.4	-	49.6	25.4	-	40.6	20.5	-	31.9	-	-	25.5	-	-	20.1	-	-
176		54.0	32.4	-	49.0	25.4	-	40.2	20.5	-	31.4	-	-	25.0	-	-	19.9	-	-
184		51.6	32.4	-	48.0	25.4	-	39.7	20.5	-	30.7	14.3	-	24.5	-	-	19.5	-	-
192		49.1	32.4	-	46.7	25.4	-	39.1	20.5	-	30.1	14.3	-	23.9	9.9	-	19.1	-	-
200		46.5	32.2	-	44.6	25.4	-	38.6	20.5	-	29.6	14.3	-	23.2	9.9	-	18.5	5.5	-
208		43.8	32.0	32.4	42.4	25.4	-	37.8	20.5	-	28.9	14.3	-	22.6	9.9	-	18.0	5.5	-
216		41.0	31.8	32.4	40.3	25.4	25.4	36.9	20.5	-	28.3	14.3	-	22.1	9.9	-	17.5	5.5	-
224		34.3	31.5	32.4	38.0	25.4	25.4	35.9	20.5	19.8	27.7	14.3	-	21.5	9.9	-	16.9	5.5	-
232		-	31.2	32.2	34.8	25.4	25.4	34.8	20.5	19.8	27.1	14.3	-	21.0	9.9	-	16.4	5.5	-
240		-	31.0	31.5	29.4	25.4	25.4	33.2	20.5	19.8	26.5	14.3	14.3	20.5	9.9	-	16.0	5.5	-
248		-	30.6	30.6	-	25.4	25.2	29.8	20.5	19.8	25.9	14.3	14.3	20.0	9.9	9.9	15.6	5.5	-
256		-	-	29.5	-	25.4	24.9	25.5	20.5	19.8	25.3	14.3	14.3	19.6	9.9	9.9	15.2	5.5	5.5
264		-	-	28.5	-	25.4	24.6	20.7	20.5	19.8	24.1	14.3	14.3	19.1	9.9	9.9	14.8	5.5	5.5
272		-	-	8.6	-	-	24.3	-	20.5	19.8	22.0	14.3	14.3	18.6	9.9	9.9	14.4	5.5	5.5
280		-	-	-	-	-	23.9	-	20.5	19.8	18.2	14.3	14.3	18.2	9.9	9.9	14.0	5.5	5.5
288		-	-	-	-	-	23.3	-	20.5	19.8	-	14.3	14.3	17.0	9.9	9.9	13.7	5.5	5.5
296		-	-	-	-	-	-	-	-	19.8	-	14.3	14.3	15.3	9.9	9.9	13.4	5.5	5.5
304		-	-	-	-	-	-	-	-	19.8	-	14.3	14.3	11.8	9.9	9.9	13.2	5.5	5.5
312		-	-	-	-	-	-	-	-	-	-	-	14.3	-	9.9	9.9	11.9	5.5	5.5
320		-	-	-	-	-	-	-	-	-	-	-	14.3	-	9.9	9.9	9.5	5.5	5.5
328		-	-	-	-	-	-	-	-	-	-	-	14.3	-	9.9	9.9	-	5.5	5.5
336		-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	-	5.5	5.5
344		-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	-	5.5	5.5
352		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5
360		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5
368		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5



Max. capacities with minimum counterweight · Further counterweight configurations on request

	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
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 360° 85%																			
 165.7 ft +  13.1 ft																			
		98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft		
		83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
ft								1,000 lb											
72	111.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	103.7	-	-	-	99.0	-	-	95.9	-	-	-	-	-	-	-	-	-	-	-
88	96.9	-	-	-	91.9	-	-	89.2	-	-	83.1	-	-	-	-	-	-	-	-
96	90.9	-	-	-	86.8	-	-	83.2	-	-	78.0	-	-	73.6	-	-	65.3	-	-
104	85.5	-	-	-	82.2	-	-	78.6	-	-	73.4	-	-	69.8	-	-	63.3	-	-
112	-	67.9	-	-	78.0	58.5	-	74.7	-	-	69.2	-	-	66.0	-	-	61.2	-	-
120	-	63.9	-	-	72.9	56.7	-	70.7	-	-	65.6	-	-	62.9	-	-	59.0	-	-
128	-	60.1	-	-	68.9	54.8	-	67.2	48.1	-	63.0	-	-	59.7	-	-	56.8	-	-
136	-	56.4	-	-	-	52.7	-	64.1	47.4	-	60.0	43.7	-	57.0	-	-	54.5	-	-
144	-	52.8	53.0	-	-	50.2	-	60.6	46.6	-	57.2	42.6	-	54.4	37.3	-	52.1	-	-
152	-	-	50.4	-	47.2	47.1	-	-	45.5	-	54.5	41.7	-	51.7	36.7	-	49.9	29.1	-
160	-	-	47.9	-	44.3	44.7	-	-	43.0	-	51.8	40.7	-	49.6	36.2	-	47.6	29.1	-
168	-	-	-	-	-	42.4	-	-	40.7	40.1	-	39.1	-	47.5	35.7	-	45.7	29.1	-
176	-	-	-	-	-	40.2	-	-	38.3	38.2	-	37.1	35.9	45.5	35.1	-	43.9	29.1	-
184	-	-	-	-	-	30.4	-	-	-	36.3	-	35.2	34.1	43.0	33.7	31.9	42.0	29.1	-
192	-	-	-	-	-	-	-	-	-	34.4	-	33.1	32.5	-	32.0	30.6	40.2	28.9	-
200	-	-	-	-	-	-	-	-	-	32.7	-	31.1	30.9	-	30.2	29.1	38.3	27.8	27.7
208	-	-	-	-	-	-	-	-	-	-	-	-	29.4	-	28.6	27.7	-	26.7	26.5
216	-	-	-	-	-	-	-	-	-	-	-	-	27.9	-	27.0	26.3	-	25.4	25.2
224	-	-	-	-	-	-	-	-	-	-	-	-	17.5	-	-	25.2	-	24.4	24.1
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.9	-	23.3	22.8
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.7	-	22.2	21.8
248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.7
256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2
264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5

216.5 ft				236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft								1,000 lb										
104	56.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
112	54.3	-	-	-	44.3	-	-	37.2	-	-	-	-	-	-	-	-	-	
120	52.5	-	-	-	43.2	-	-	36.7	-	-	30.4	-	-	-	-	-	-	
128	50.8	-	-	-	42.3	-	-	36.2	-	-	30.0	-	-	23.5	-	-	-	
136	49.1	-	-	-	41.2	-	-	35.6	-	-	29.6	-	-	23.2	-	-	-	
144	47.3	-	-	-	40.4	-	-	35.1	-	-	29.3	-	-	23.1	-	-	-	
152	45.4	-	-	-	39.3	-	-	34.3	-	-	28.8	-	-	22.9	-	-	-	
160	43.5	21.4	-	-	38.2	-	-	33.8	-	-	28.6	-	-	22.8	-	-	-	
168	41.6	21.4	-	-	37.2	15.7	-	33.2	-	-	28.2	-	-	22.6	-	-	-	
176	39.7	21.4	-	-	36.1	15.7	-	32.5	12.6	-	27.6	-	-	22.3	-	-	-	
184	38.3	21.4	-	-	35.0	15.7	-	31.8	12.6	-	27.2	9.5	-	22.0	-	-	-	
192	37.0	21.4	-	-	33.9	15.7	-	31.2	12.6	-	26.8	9.5	-	21.8	-	-	-	
200	35.6	21.4	-	-	32.9	15.7	-	30.5	12.6	-	26.2	9.5	-	21.5	-	-	-	
208	34.1	21.1	21.2	-	31.8	15.7	-	29.7	12.6	-	25.8	9.5	-	21.2	-	-	-	
216	32.5	20.5	20.8	-	30.7	15.7	-	28.9	12.6	-	25.4	9.5	-	20.8	-	-	-	
224	30.8	20.0	20.5	29.6	15.4	15.7	28.0	12.6	-	24.7	9.5	-	20.5	-	-	-	-	
232	-	19.5	20.1	28.4	15.4	15.7	27.1	12.6	12.6	24.1	9.5	-	20.2	-	-	-	-	
240	-	18.9	19.6	27.0	15.1	15.7	26.3	12.6	12.6	23.6	9.5	-	19.8	-	-	-	-	
248	-	18.4	18.8	-	14.9	15.7	25.2	12.5	12.6	23.0	9.5	9.5	19.4	-	-	-	-	
256	-	-	17.8	-	14.8	15.6	24.0	12.3	12.6	22.5	9.5	9.5	19.2	-	-	-	-	
264	-	-	16.9	-	14.5	15.0	20.6	12.2	12.6	21.8	9.5	9.5	18.8	-	-	-	-	
272	-	-	16.0	-	14.3	14.3	-	12.1	12.4	20.5	9.5	9.5	18.4	-	-	-	-	
280	-	-	15.0	-	14.1	13.4	-	11.9	12.0	18.3	9.5	9.5	18.0	-	-	-	-	
288	-	-	-	-	-	12.7	-	11.8	11.5	-	9.5	9.3	17.0	-	-	-	-	
296	-	-	-	-	-	-	-	-	11.0	-	9.5	9.0	15.6	-	-	-	-	
304	-	-	-	-	-	-	-	-	10.4	-	9.5	8.7	12.2	-	-	-	-	
312	-	-	-	-	-	-	-	-	9.9	-	9.5	-	8.5	-	-	-	-	
320	-	-	-	-	-	-	-	-	9.4	-	-	-	8.3	-	-	-	-	
328	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-	-	



0°



60°

Max. capacities with minimum counterweight
Further counterweight configurations on request



176,400 lb

220,500 lb

264,600 lb

308,600 lb

352,700 lb

360°																				85%
182.1 ft + 13.1 ft																				
		98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft			
		83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	
ft								1,000 lb												
72	87.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
80	80.7	-	-	-	76.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
88	75.3	-	-	-	70.9	-	-	68.5	-	-	-	-	-	-	-	-	-	-	-	
96	71.1	-	-	-	66.9	-	-	64.1	-	-	60.0	-	-	53.9	-	-	-	-	-	
104	67.6	-	-	-	63.7	-	-	60.6	-	-	56.2	-	-	51.3	-	-	47.0	-	-	
112	-	53.7	-	-	60.5	-	-	57.2	-	-	52.6	-	-	48.4	-	-	44.9	-	-	
120	-	52.9	-	-	58.6	41.9	-	54.4	-	-	50.2	-	-	45.9	-	-	42.7	-	-	
128	-	51.7	-	-	57.0	41.9	-	52.0	34.6	-	47.9	-	-	43.5	-	-	40.7	-	-	
136	-	49.6	-	-	-	41.9	-	50.4	34.6	-	45.5	-	-	41.6	-	-	38.9	-	-	
144	-	47.1	-	-	-	41.3	-	49.0	34.6	-	43.9	30.4	-	39.8	-	-	37.3	-	-	
152	-	-	44.7	-	-	40.3	-	-	34.5	-	42.8	30.2	-	38.0	25.4	-	35.7	-	-	
160	-	-	42.4	-	-	38.9	-	-	34.0	-	41.5	29.8	-	36.9	25.4	-	34.2	19.4	-	
168	-	-	34.7	-	-	-	37.6	-	33.3	-	-	29.3	-	35.9	25.4	-	33.0	19.4	-	
176	-	-	32.5	-	-	-	35.8	-	32.5	32.7	-	28.7	-	35.0	25.4	-	31.9	19.4	-	
184	-	-	-	-	-	-	34.1	-	31.7	31.7	-	28.0	28.4	34.1	25.1	-	30.8	19.4	-	
192	-	-	-	-	-	-	-	-	-	30.6	-	27.4	27.5	-	24.8	-	29.8	19.4	-	
200	-	-	-	-	-	-	-	-	-	29.2	-	26.6	26.6	-	24.3	24.5	28.8	19.4	-	
208	-	-	-	-	-	-	-	-	-	21.1	-	-	25.6	-	23.7	23.6	-	19.4	19.4	
216	-	-	-	-	-	-	-	-	-	19.7	-	-	24.5	-	23.2	22.6	-	19.4	19.4	
224	-	-	-	-	-	-	-	-	-	-	-	-	23.2	-	21.5	21.7	-	19.4	19.4	
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.7	-	19.4	19.3	
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7	-	19.4	18.9	
248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0	-	-	18.2	
256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	
264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.6	

216.5 ft				236.2 ft				255.9 ft				275.6 ft				295.3 ft				315.0 ft			
ft																							
112	39.8	-	-	35.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
120	38.0	-	-	33.6	-	-	29.9	-	-	-	-	-	-	-	-	-	-	-	-	-			
128	36.3	-	-	32.1	-	-	28.9	-	-	23.8	-	-	17.9	-	-	-	-	-	-	-			
136	34.5	-	-	30.7	-	-	27.6	-	-	23.1	-	-	17.9	-	-	-	-	-	-	-			
144	33.1	-	-	29.2	-	-	26.5	-	-	22.5	-	-	17.6	-	-	-	-	-	-	-			
152	31.8	-	-	27.9	-	-	25.4	-	-	22.0	-	-	17.4	-	-	-	-	-	-	-			
160	30.7	-	-	27.0	-	-	24.4	-	-	21.4	-	-	17.3	-	-	-	-	-	-	-			
168	29.5	14.3	-	26.1	-	-	23.6	-	-	20.7	-	-	17.1	-	-	-	-	-	-	-			
176	28.4	14.3	-	25.3	11.0	-	22.8	-	-	20.3	-	-	17.0	-	-	-	-	-	-	-			
184	27.5	14.3	-	24.3	11.0	-	22.0	7.3	-	19.8	-	-	16.7	-	-	-	-	-	-	-			
192	26.7	14.3	-	23.4	11.0	-	21.2	7.3	-	19.3	-	-	16.5	-	-	-	-	-	-	-			
200	25.9	14.3	-	22.8	11.0	-	20.6	7.3	-	18.7	-	-	16.2	-	-	-	-	-	-	-			
208	25.2	14.3	-	22.1	11.0	-	20.0	7.3	-	18.3	-	-	15.9	-	-	-	-	-	-	-			
216	24.5	14.3	-	21.4	11.0	-	19.4	7.3	-	17.9	-	-	15.5	-	-	-	-	-	-	-			
224	23.6	14.3	14.1	20.8	11.0	-	18.8	7.3	-	17.4	-	-	15.2	-	-	-	-	-	-	-			
232	-	14.3	13.8	20.1	11.0	8.8	18.1	7.3	-	16.8	-	-	14.9	-	-	-	-	-	-	-			
240	-	14.3	13.5	19.4	11.0	8.8	17.6	7.3	7.3	16.3	-	-	14.5	-	-	-	-	-	-	-			
248	-	14.3	13.3	-	11.0	8.8	17.1	7.3	7.3	15.7	-	-	14.1	-	-	-	-	-	-	-			
256	-	14.1	13.0	-	11.0	8.8	16.5	7.3	7.3	15.2	-	-	13.7	-	-	-	-	-	-	-			
264	-	13.3	12.6	-	11.0	8.8	16.0	7.3	7.3	14.8	-	-	13.1	-	-	-	-	-	-	-			
272	-	-	12.2	-	11.0	8.8	-	7.3	7.3	14.4	-	-	12.6	-	-	-	-	-	-	-			
280	-	-	11.8	-	11.0	8.8	-	7.3	7.3	13.8	-	-	12.2	-	-	-	-	-	-	-			
288	-	-	-	-	-	8.8	-	7.3	7.2	-	-	-	11.8	-	-	-	-	-	-	-			
296	-	-	-	-	-	8.8	-	7.3	7.0	-	-	-	11.4	-	-	-	-	-	-	-			
304	-	-	-	-	-	8.8	-	7.3	6.9	-	-	-	11.0	-	-	-	-	-	-	-			
312	-	-	-	-	-	-	-	-	6.8	-	-	-	-	-	-	-	-	-	-	-			
320	-	-	-	-	-	-	-	-	6.6	-	-	-	-	-	-	-	-	-	-	-			



Max. capacities with minimum counterweight · Further counterweight configurations on request

176,400 lb 220,500 lb 264,600 lb 308,600 lb 352,700 lb

Basic machine

Equipment carrier

Engine 460-4	MTU; Output 460 kW (625 HP) at 1700 1/min, torque 2900 Nm at 1300 1/min; Certifications in accordance with EURO MOT 4, TIER 4F.
Fuel tank 820-95	217 gallons Diesel; 25 gallons tank for AdBlue.
Transmission TC	ZF TC-Tronic; Automated gearbox with integrated torque converter and hydraulic retarder, 12 forward speeds and 2 reverse; Selectable longitudinal lock included in transfer case.
Axles 18 x 8 x 16	18 x 8 x 16; 9 axles, axles 3, 4, 8, 9 driven equipped with selectable transverse lock, axles 1-5 and 7-9 steered, axle 6 liftable.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
Steering	Dual-circuit semiblock mechanical steering with hydraulic booster.
Brakes	In conformity with EC-directives. Sustained action brake: constant decompression valve, exhaust brake, hydraulic retarder integrated into gearbox.
Wheels 38595 170F	385/95R25 (14.00R25); Steel rims 9,5-25/1,7 ET70; 170F.
Cab 2880	Type 9.45 ft; Adjustable driver seat with seat heating, armrests and pneumatic suspension; Steering wheel height and tilt adjustable; Co-driver's seat; Power door windows; Tinted glass; Radio-preparation.
Heating engine-dependant	Engine-dependant warm water heating with 12 kW heating power.
Aircondition	Aircondition for carrier cab with 7 kW cooling power.
Drive lights	With low beam, upper beam.
Cruise control	Automatic speed control including automatic brake control.
Central lubrication	Central auto lube for all lubrication points at carrier.
Electronic immobiliser system	Prevents uncontrolled carrier mobilisation; Incl. 2 electronic keys and 4 ignition keys.
Jump starting device	Jump starting installation designed to make it possible to jump-start using a separate source of power.
Contour safety marking	Continuous reflective strips on the sides of the chassis and on the rear.

Equipment superstructure

Engine 210-4	MTU; Output 210 kW (286 HP) at 2200 1/min, torque 1150 Nm at 1200 1/min; Certifications in accordance with EURO MOT 4, TIER 4F.
Fuel tank 300-40	79 gallons Diesel; 11 gallons tank for AdBlue.
Telescopic boom HA60	50.9 ft - 196.9 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 9 sheaves integrated in boom head for max. capacity of 495,000 lb.
Boom luffing	Two differential cylinders with pilot-controlled lowering brake valves.
Rotary drive	Axial piston motor with planetary gearing, foot-operated brake, and spring-applied holding brake.
H1	Axial piston variable displacement motor, hoist drum with integrated planetary gear reducer, and brake.
Counterweight system 44,100 lb	44,100 lb (base frame); Self rigging with semiautomatic rigging system, rigging storage on carrier front; Expandable to max. 352,700 lb; Incl. tightening device.
Outriggers	X-4-Point design; 4 outriggers telescopic; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 2 outrigger bases.
Outrigger pads	4 outrigger pads with transport position at outrigger beam.
Outrigger quick connection X	Hydraulic bolt extractors and hydraulic and electric quick couplings for fast (dis-) assembly.
Outrigger load indicator	Displayed in LMI crane cab.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
Drive	Hydraulic system with power control; Hydraulic oil cooler.
Control system	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
Operator aids	IC-1, with integrated electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger.
Working range limiter	Displaying and programmability of the work range limits by IC-1.
Cab 088	Type 2.87 ft; Tilt infinitely variable 20°; Seat heating; Sliding window in door and rear; Fold-out front window; Extendable side pedestal, foldable front pedestal; Handrails; Tinted safety glass; Pull-down sun visor and light curtains; Radio-preparation.
Heating engine independant	Engine independant Diesel heating system with 5 kW heating power; With timer and remote start.
Aircondition	Aircondition in crane cab with 7 kW cooling power.
Xenon work floodlight	Out of crane cab adjustable xenon floodlight, at front support boom base section.
Central lubrication	Central auto lube for all lubrication points at crane.
Anemometer	Removable, to be used with all extensions.

Additional equipment

Superstructure

S1F	Heavy lift attachment stage 1; 4 additional sheaves = 13 sheaves integrated in boom head enable max. capacity of 688,000 lb.
SSL	Sideways Superlift; Capacity increasing boom guy support.
2. hoist (H2)	2. hoist; Spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. quick couplings; Required for luffing jib operation (WIHI); Incl. rope twist prevention.
3. hoist (H3)	3. hoist; Spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. quick couplings; Enables 2-hook operation on specific luffing jib configurations; Not to be used for WIHI luffing; Only together with H2; Incl. rope twist prevention.
Counterweights AC-GG10 140	308,700 lb = 14 AC-GG à 22,050 lb (AC 350, AC 500-1, AC 500-2, AC 500-8, AC 650, AC 700, AC 1000, AC 1000-9).

Handling

HR	Hydraulic winch for reeving assistance; Only together with H2.
IC-1 Plus	Smart crane control system enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Outriggers can be positioned independently. Capacity precalculation for +/- 30° slewing angle and radius area. Provided with graphical lift planning application. In-cab lift simulation.
Fall-from-height protection system boom base section	Rail system as fall-from-height protection at the main boom base section.
Fall-from-height protection system boom base section + SSL	Rail system as fall-from-height protection at the main boom base section and SSL.
Fall-from-height protection system WIHI	Rail system as fall-from-height protection for the lattice parts WIHI96A.

Extensions

WIHI96A	315.0 ft; Luffing jib; Complete building set; With increments 19.7 ft; With integrated manual offset section 20°/40°; 5-sheave and 3-sheave head; Includes LF 164.0 ft, HAV 118.1 ft; Only together with H2.
Swing-away rooster sheave	Swing-away rooster sheave, incl. transport storage at boom head HA60; Enables to operate a 2. hook with only 1 line as „fast hook /runner“ at main boom head HA60; H2 requested.

Hook Blocks

Hook block 320-13-26-D	320-13-26-D (8,820 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 320-11-26-D	320-11-26-D (7,720 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 250-9-26-D	250-9-26-D (6,170 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 200-7-26-D	200-7-26-D (5,730 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 160-5-26-D	160-5-26-D (4,850 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 100-3-26-D	100-3-26-D (4,410 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 40-1-26-D	40-1-26-D (2,650 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook 15-0V-E	15-0V-E (1,980 lb); Single hook with vertical swivel; red.

Further additional equipment on request!

Weight data may deviate from posted values based on road / travel configuration, equipment configuration, and component weight tolerances.

Ratings are in compliance with ASME B30.5.

Lifting capacities do not exceed 85 % of tipping load.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

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.

Effective Date: July 2016.

Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries.

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