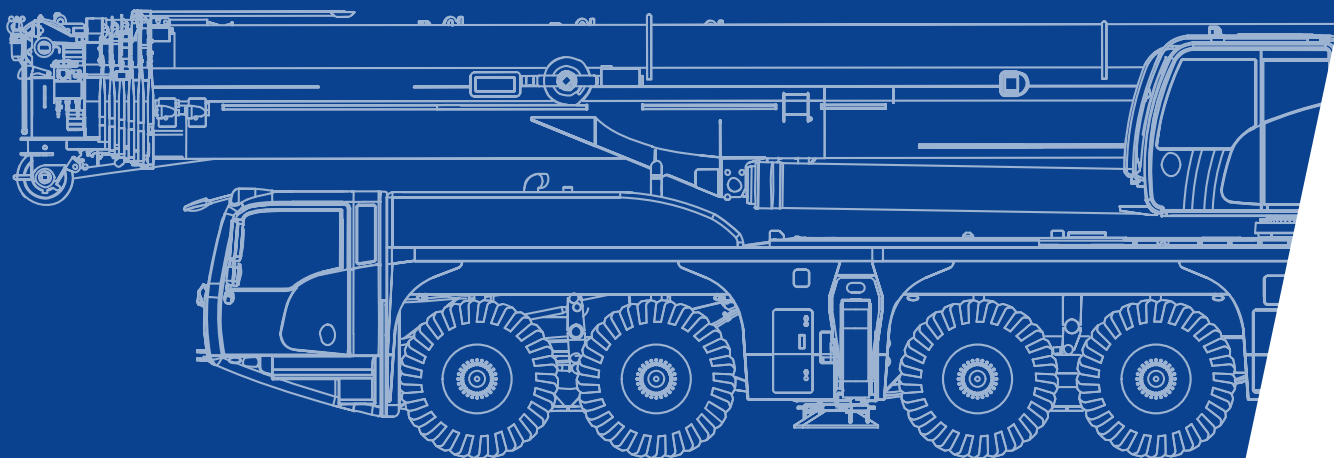
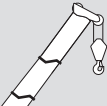
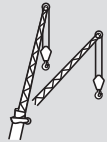

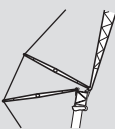
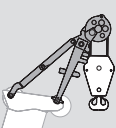
































AC 300-6



**All Terrain Crane
350 USt Capacity class**












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Dimensions		4
Specifications		5
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Extensions		8
	HA Main boom	10
	HAV Folding swing-away jib	16
	LF Light fixed jib	20
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	LWIHI Light luffing fly jib	32
	WIHI Luffing fly jib	35
	SWIHI Strong luffing fly jib	38
	MS Runner	42
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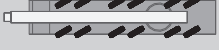


	Counterweight
	Lifting capacities on outriggers - 360°
	Radius
	Main boom
	Folding swing-away jib
	Runner
	Max. axle loads
	Mechanism
	Tires
	Hook block
	Hoist
	Dolly
	Travel speed
	Gradeability
	Slewing

	Boom telescoping
	Boom elevation
	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
	Supporting force
	Length of stroke (support cylinders)
	Additional parts for hydraulic system



Specifications

AC 300-6




										
	Total									
< 26,500 lb	On request and technical verification!									X
26,500 lb	158,800 lb	12 x 6 x 10	385/95R25	262.5 ft	40-1-23	-	-	-	1,320 lb	-
26,500 lb	158,800 lb	12 x 8 x 12	385/95R25	262.5 ft	40-1-23 Vario	-	-	-	-	-
26,500 lb	158,800 lb	12 x 8 x 12	445/95R25	262.5 ft	-	-	-	X	-	-
35,300 lb	209,500 lb	12 x 8 x 12	445/95R25	262.5 ft	80-3-23	42,300 lb	68.9 ft	X	1,760 lb	-










	1 Highway > 28 mph		4* Off-wall
	2 City < 28 mph		5* Crab steer mode
	3* Minimum turning radius < 3.1 mph		6* Manually steered






* must be activated

		
249,200 lb	284,500 lb	52.8 mph ¹⁾
19.3"	22.0"	

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

			
	385 / 95 R 25 14.00 R 25	445 / 95 R 25 16.00 R 25	525 / 80 R 25 20.50 R 25
	56 %	50 %	50 %

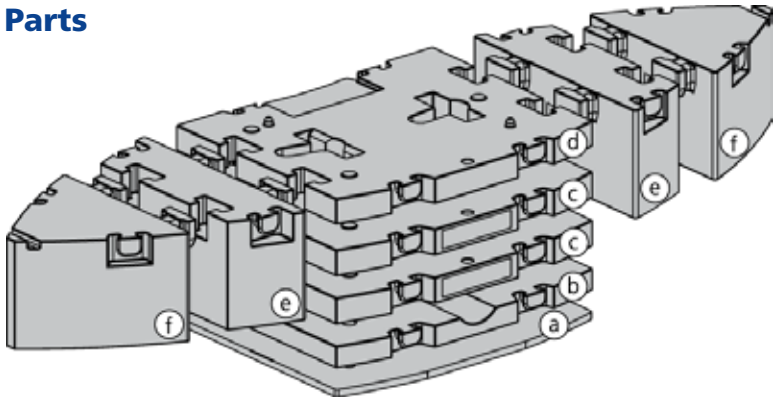
				
				
1	413.4 ft/min	26,078 lbf	0.92"	1200 ft
2	413.4 ft/min	26,078 lbf	0.92"	1200 ft
	1,0 min ⁻¹			
	596 s (47.6-262.5 ft)			
	57 s (0°-83°)			

					
					
1	23,700	12-0-24	5	1,100	6.6 ft
2	47,400	40-1-23	5	1,980	8.9 ft
3	71,100	40-1-23	5	1,980	8.9 ft
4	94,800	80-3-23	5	2,650	9.8 ft
5	118,500	80-3-23	5	2,650	9.8 ft
6	142,100	80-3-23	5	2,650	9.8 ft
7	165,800	80-3-23	5	2,650	9.8 ft
8	189,500	125-5-23	5	3,100	9.8 ft
9	213,200	125-5-23	5	3,100	9.8 ft
10	236,900	125-5-23	5	3,100	9.8 ft
12	284,300	160-7-23	5 + 2	4,190	9.8 ft
14	330,700	160-7-23	5 + 2	4,190	9.8 ft

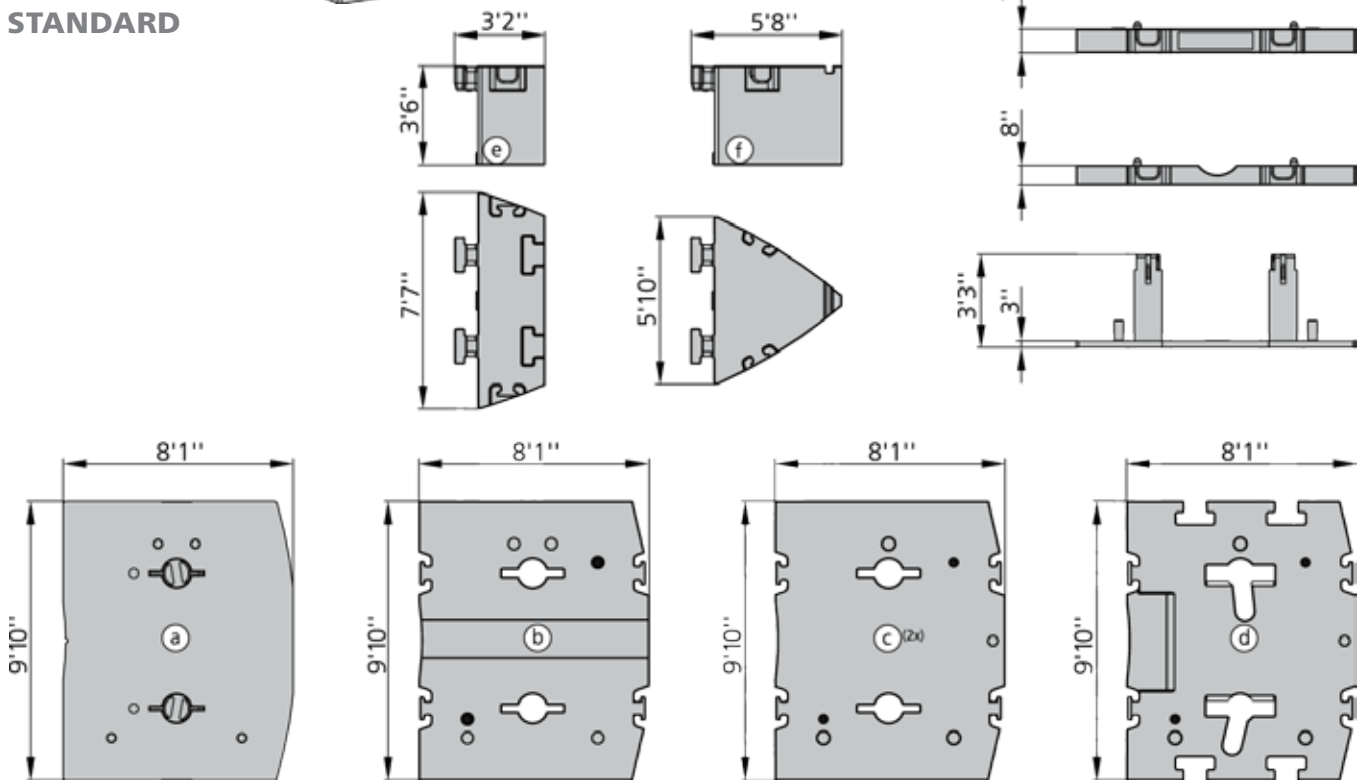
Counterweight

AC 300-6

Parts



STANDARD



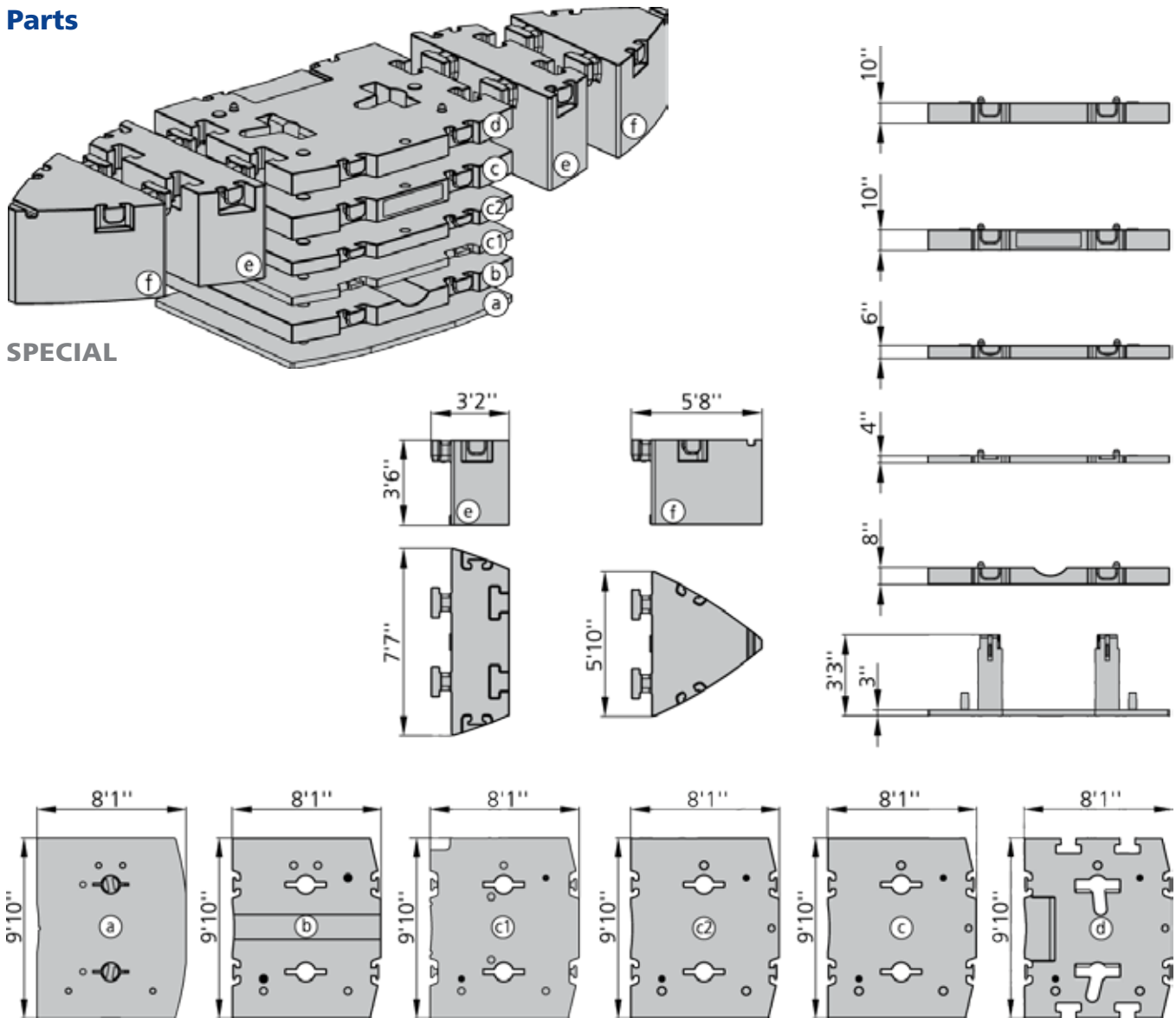
Configurations

	Ⓐ 10,800 lb	Ⓑ 21,200 lb	Ⓒ 26,900 lb	Ⓒ 26,900 lb	Ⓓ 24,000 lb	Ⓔ 24,300 lb	Ⓔ 24,300 lb	Ⓕ 24,300 lb	Ⓕ 24,300 lb
0 lb									
10,800 lb	X								
32,000 lb	X	X							
58,900 lb	X	X	X						
85,800 lb	X	X	X	X					
109,800 lb	X	X	X	X	X				
158,300 lb	X	X	X	X	X	X	X		
158,300 lb	X	X	X	X	X			X	X
206,800 lb	X	X	X	X	X	X	X	X	X

Counterweight

AC 300-6

Parts



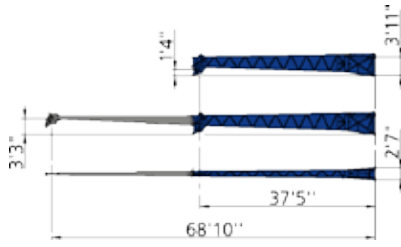
Configurations

	Ⓐ10,800 lb	Ⓑ21,200 lb	Ⓒ10,400 lb	Ⓓ16,500 lb	Ⓔ26,900 lb	Ⓕ24,000 lb	Ⓖ24,300 lb	Ⓗ 24,300 lb	Ⓙ 24,300 lb	Ⓚ 24,300 lb
0 lb										
10,800 lb	X									
32,000 lb	X	X								
42,300 lb	X	X	X							
58,900 lb	X	X	X	X						
85,800 lb	X	X	X	X	X					
109,800 lb	X	X	X	X	X	X				
158,300 lb	X	X	X	X	X	X	X	X		
158,300 lb	X	X	X	X	X	X			X	X
206,800 lb	X	X	X	X	X	X	X	X	X	X

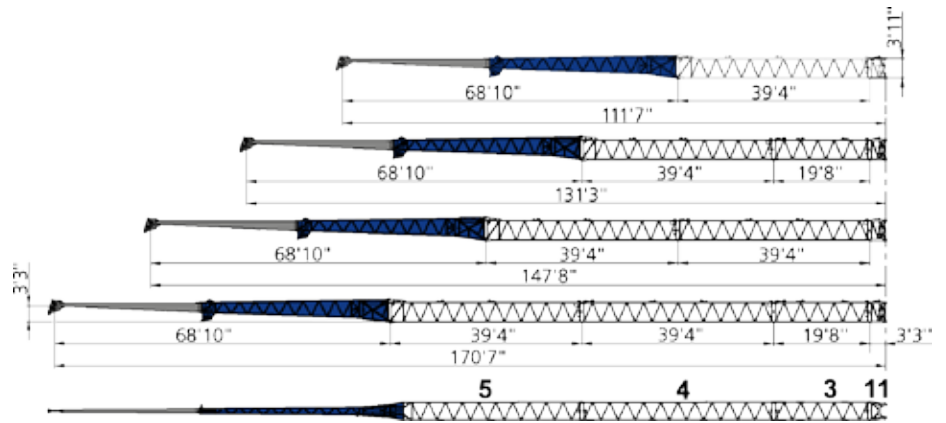
Extensions

AC 300-6

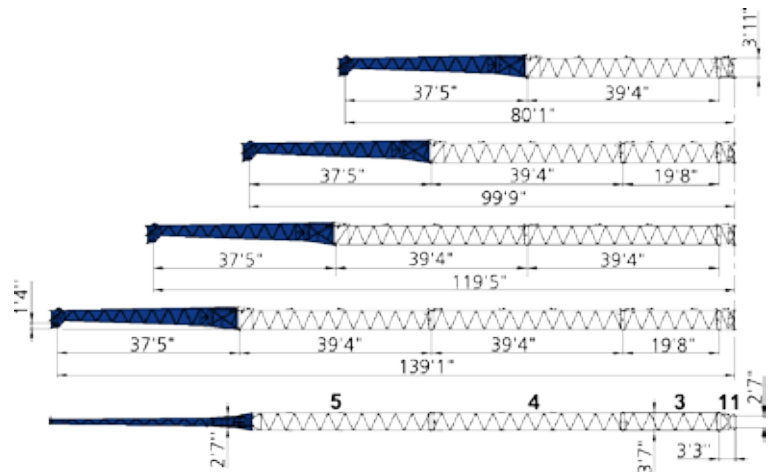
HAV 0° / 20° / 40°



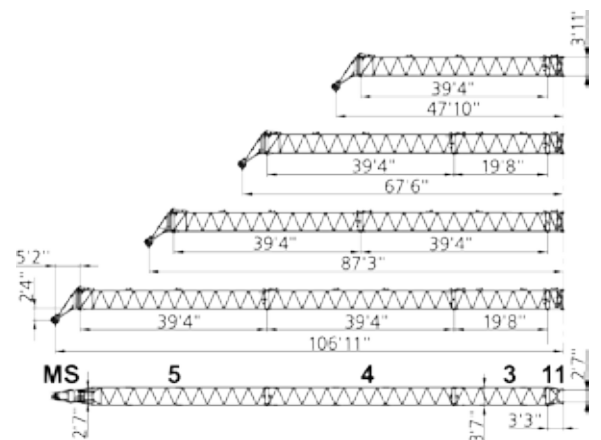
LF 0° / 20° / 40°



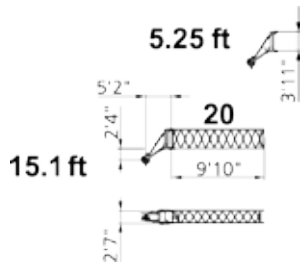
F 0° / 20° / 40°



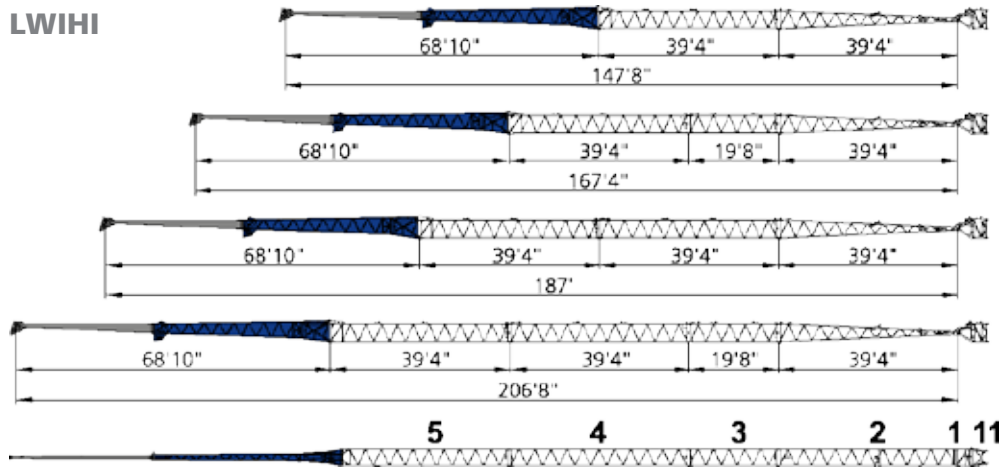
SF



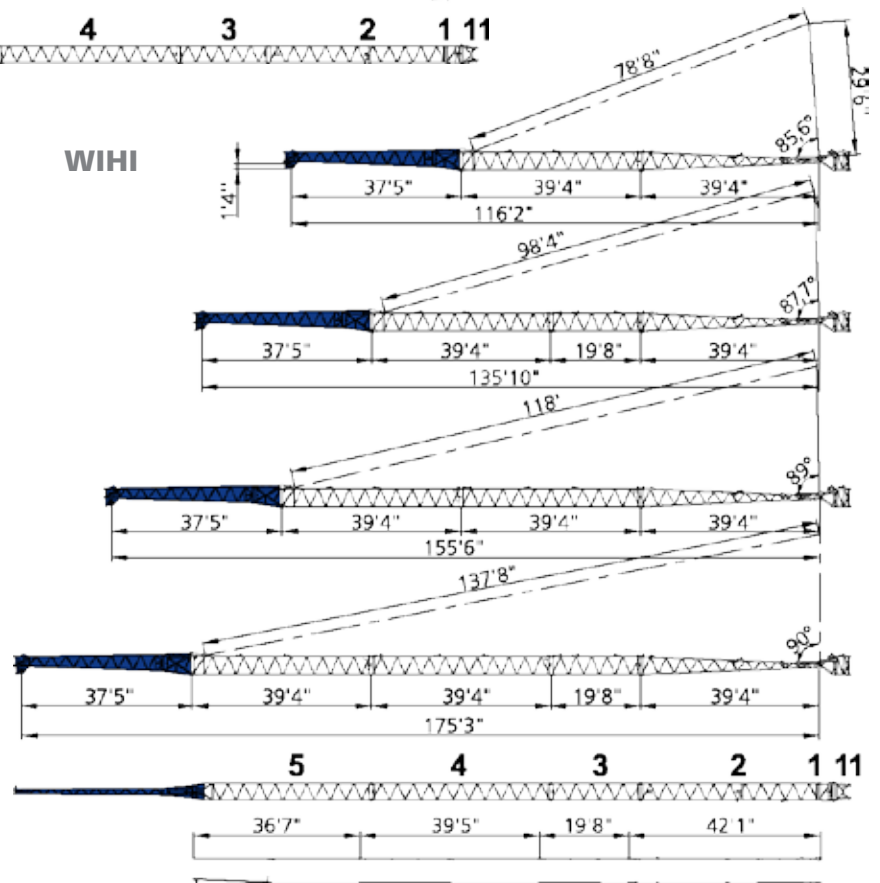
MS



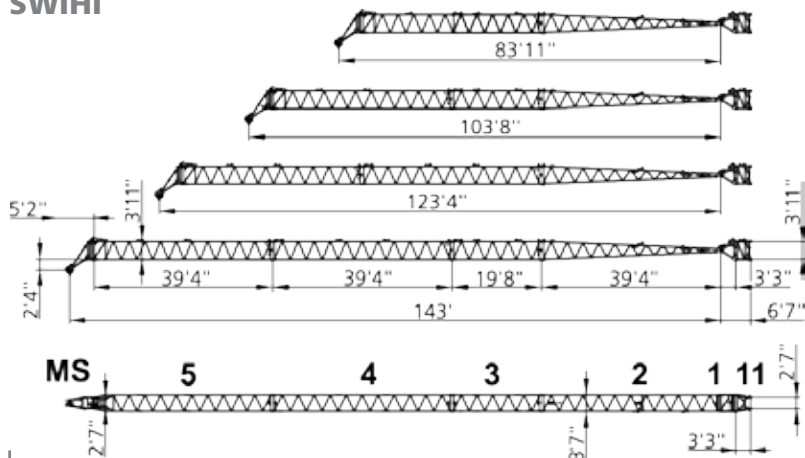
LWIHI

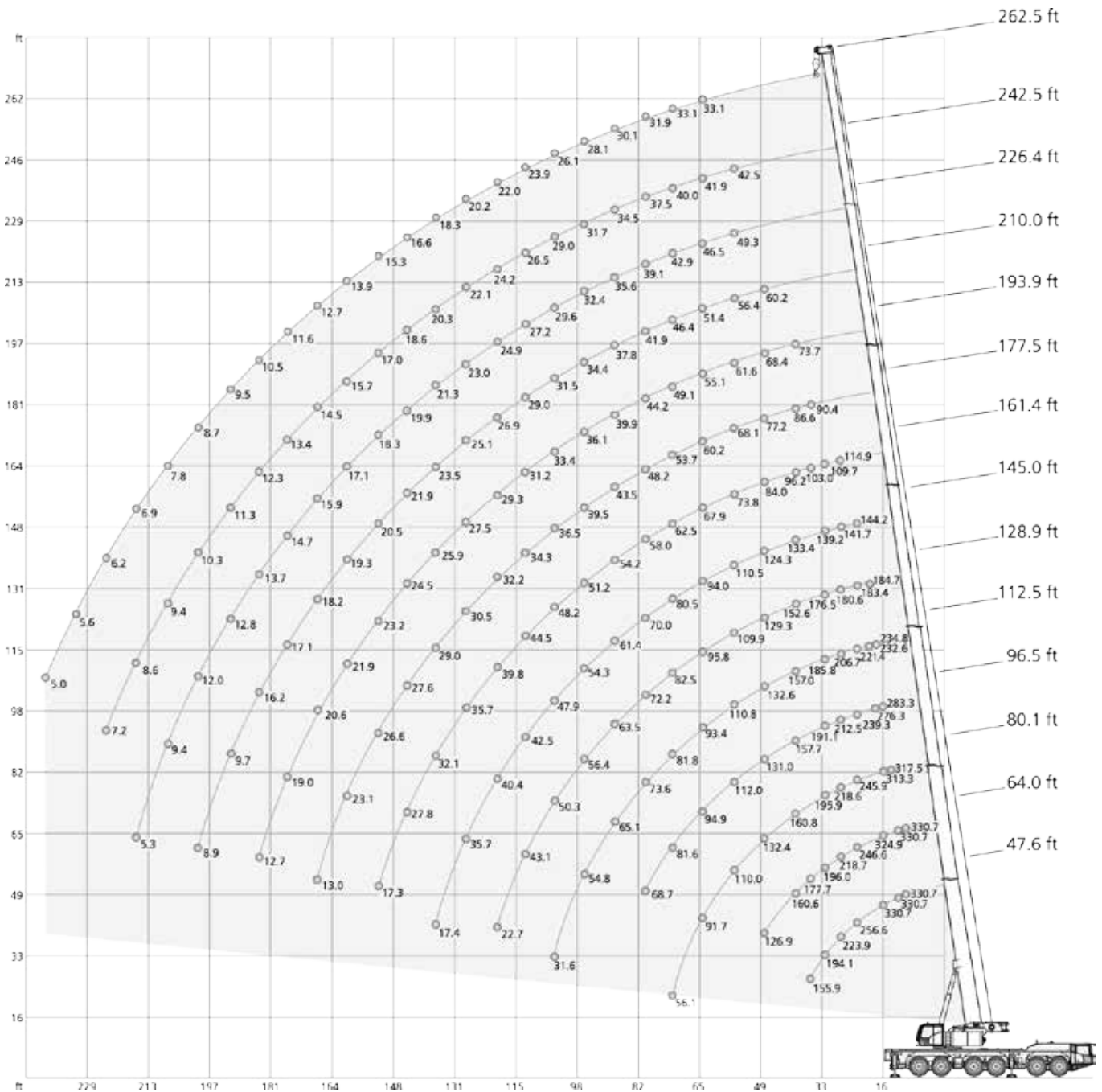
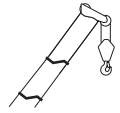


WIHI



SWIHI





206,800 lb		28.5 ft x 27.8 ft														360°		ASME B30.5	
0°		(ft)																	
ft		47.6	47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft		
ft		1,000 lb														ft			
8	700.0*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
10	330.7	330.7	330.7	317.5	(-)	-	-	-	-	-	-	-	-	-	-	-	10		
12	330.7	330.7	330.7	317.5	283.3	-	-	-	-	-	-	-	-	-	-	-	12		
14	330.7	330.7	330.7	317.5	283.3	(-)	-	-	-	-	-	-	-	-	-	-	14		
16	330.7	323.2	324.9	313.3	283.3	(-)	(-)	(-)	-	-	-	-	-	-	-	-	16		
18	315.2	302.6	304.8	298.0	276.3	234.8	(-)	(-)	-	-	-	-	-	-	-	-	18		
20	295.6	280.3	282.5	280.4	266.8	232.6	184.7	(-)	(-)	-	-	-	-	-	-	-	20		
24	256.6	244.8	246.6	245.9	239.3	221.4	183.4	144.2	(-)	(-)	(-)	-	-	-	-	-	24		
28	223.9	217.0	218.7	218.6	212.5	206.7	180.6	141.7	114.9	(-)	(-)	(-)	(-)	-	-	-	28		
32	194.1	192.8	196.0	195.9	191.1	185.8	176.5	139.2	109.7	(-)	(-)	(-)	(-)	-	-	-	32		
36	155.9	155.9	177.7	177.7	173.8	170.3	165.4	136.4	103.0	90.4	(-)	(-)	(-)	(-)	(-)	(-)	36		
40	-	-	160.6	160.8	157.7	157.0	152.6	133.4	96.2	86.6	73.7	(-)	(-)	(-)	(-)	(-)	40		
48	-	-	126.9	132.4	131.0	132.6	129.3	124.3	84.0	77.2	68.4	60.2	(-)	(-)	(-)	(-)	48		
56	-	-	-	110.0	112.0	110.8	109.9	110.5	73.8	68.1	61.6	56.4	49.3	42.5	(-)	(-)	56		
64	-	-	-	91.7	94.9	93.4	95.8	94.0	67.9	60.2	55.1	51.4	46.5	41.9	33.1	64			
72	-	-	-	56.1	81.6	81.8	82.5	80.5	62.5	53.7	49.1	46.4	42.9	40.0	33.1	72			
80	-	-	-	-	68.7	73.6	72.2	70.0	58.0	48.2	44.2	41.9	39.1	37.5	31.9	80			
88	-	-	-	-	-	65.1	63.5	61.4	54.2	43.5	39.9	37.8	35.6	34.5	30.1	88			
96	-	-	-	-	-	54.8	56.4	54.3	51.2	39.5	36.1	34.4	32.4	31.7	28.1	96			
104	-	-	-	-	-	31.6	50.3	47.9	48.2	36.5	33.4	31.5	29.6	29.0	26.1	104			
112	-	-	-	-	-	-	43.1	42.5	44.5	34.3	31.2	29.0	27.2	26.5	23.9	112			
120	-	-	-	-	-	-	22.7	40.4	39.8	32.2	29.3	26.9	24.9	24.2	22.0	120			
128	-	-	-	-	-	-	-	35.7	35.7	30.5	27.5	25.1	23.0	22.1	20.2	128			
136	-	-	-	-	-	-	-	17.4	32.1	29.0	25.9	23.5	21.3	20.3	18.3	136			
144	-	-	-	-	-	-	-	16.6	27.8	27.6	24.5	21.9	19.9	18.6	16.6	144			
152	-	-	-	-	-	-	-	-	17.3	26.6	23.2	20.5	18.3	17.0	15.3	152			
160	-	-	-	-	-	-	-	-	-	23.1	21.9	19.3	17.1	15.7	13.9	160			
168	-	-	-	-	-	-	-	-	-	13.0	20.6	18.2	15.9	14.5	12.7	168			
176	-	-	-	-	-	-	-	-	-	12.2	19.0	17.1	14.7	13.4	11.6	176			
184	-	-	-	-	-	-	-	-	-	-	12.7	16.2	13.7	12.3	10.5	184			
192	-	-	-	-	-	-	-	-	-	-	-	9.7	12.8	11.3	9.5	192			
200	-	-	-	-	-	-	-	-	-	-	-	8.9	12.0	10.3	8.7	200			
208	-	-	-	-	-	-	-	-	-	-	-	7.8	9.4	9.4	7.8	208			
216	-	-	-	-	-	-	-	-	-	-	-	6.3	5.3	8.6	6.9	216			
224	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	6.2	224			
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	232			
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	240			

* Capacity class
 (-) Possible with reduced load

158,300 lb		28.5 ft x 27.8 ft				360° / Max.*				ASME B30.5					
	360° 47.6ft	Max. 47.6ft	360° 64.0ft	Max. 64.0ft	360° 80.1ft	Max. 80.1ft	360° 96.5ft	Max. 96.5ft	360° 112.5ft	Max. 112.5ft	360° 128.9ft	Max. 128.9ft	360° 145.0ft	Max. 145.0ft	
ft	1,000 lb														ft
10	330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	10
12	330.7	341.7	330.7	336.2	317.5	317.5	283.3	286.3	-	-	-	-	-	-	12
14	330.7	341.7	330.7	336.2	317.5	317.5	283.3	285.5	(-)	(-)	-	-	-	-	14
16	319.9	325.9	320.7	326.0	313.3	313.3	283.3	283.8	(-)	(-)	(-)	(-)	(-)	(-)	16
18	298.1	302.5	299.3	304.7	296.4	298.0	276.3	276.3	234.8	236.5	(-)	(-)	(-)	(-)	18
20	276.0	280.3	277.1	282.5	277.1	280.4	266.8	266.8	232.6	232.6	184.7	184.7	(-)	(-)	20
24	241.1	244.8	242.6	246.6	242.6	245.9	239.3	239.3	221.4	221.4	183.4	183.4	144.2	144.2	24
28	213.2	216.0	215.3	217.7	215.3	217.6	212.5	212.5	206.7	206.7	180.6	180.6	141.7	141.7	28
32	189.0	189.2	191.0	191.2	191.0	191.2	189.4	189.4	185.8	185.8	176.5	176.5	139.2	139.2	32
36	153.8	153.7	168.9	169.9	169.0	169.9	167.7	168.5	166.8	167.6	163.1	164.0	136.4	136.4	36
40	-	-	148.3	150.6	148.5	150.6	149.7	150.0	149.4	151.1	147.2	149.3	133.3	133.4	40
48	-	-	120.2	122.5	121.5	122.4	121.4	124.0	119.8	122.7	121.7	122.6	120.4	121.6	48
56	-	-	-	-	100.7	103.7	100.1	103.0	101.7	102.7	101.2	104.0	98.8	101.9	56
64	-	-	-	-	83.4	88.0	83.6	87.3	85.7	89.5	83.7	88.2	81.0	86.2	64
72	-	-	-	-	56.1	56.1	72.4	75.2	71.5	77.4	69.7	75.9	67.1	73.9	72
80	-	-	-	-	-	-	62.1	67.2	61.0	68.0	59.2	66.4	56.8	64.6	80
88	-	-	-	-	-	-	-	-	52.9	60.3	51.0	58.7	50.9	56.6	88
96	-	-	-	-	-	-	-	-	46.2	53.2	44.4	51.9	46.3	49.7	96
104	-	-	-	-	-	-	-	-	31.6	31.6	41.3	45.9	40.8	44.9	104
112	-	-	-	-	-	-	-	-	-	-	37.9	40.6	36.1	42.1	112
120	-	-	-	-	-	-	-	-	-	-	22.7	22.7	32.2	38.4	120
128	-	-	-	-	-	-	-	-	-	-	-	-	28.9	34.0	128
136	-	-	-	-	-	-	-	-	-	-	-	-	17.4	17.4	136
144	-	-	-	-	-	-	-	-	-	-	-	-	16.6	16.6	144

	360° 161.4ft	Max. 161.4ft	360° 177.5ft	Max. 177.5ft	360° 193.9ft	Max. 193.9ft	360° 210.0ft	Max. 210.0ft	360° 226.4ft	Max. 226.4ft	360° 242.5ft	Max. 242.5ft	360° 262.5ft	Max. 262.5ft	
ft	1,000 lb														ft
20	(-)	(-)	-	-	(-)	(-)	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	-	24
28	114.9	114.9	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	28
32	109.7	109.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	32
36	103.0	103.0	90.4	90.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	96.2	96.2	86.6	86.6	73.7	73.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	84.0	84.0	77.2	77.2	68.4	68.4	60.2	60.2	(-)	(-)	(-)	(-)	(-)	(-)	48
56	73.8	73.8	68.1	68.1	61.6	61.7	56.4	56.4	49.3	49.3	42.5	42.5	(-)	(-)	56
64	67.9	67.9	60.2	60.2	55.1	55.1	51.4	51.4	46.5	46.5	41.9	41.9	33.1	33.1	64
72	62.5	62.5	53.7	53.7	49.1	49.1	46.4	46.4	42.9	42.9	40.0	40.0	33.1	33.1	72
80	57.6	58.0	48.2	48.2	44.2	44.2	41.9	41.9	39.1	39.1	37.5	37.5	31.9	31.9	80
88	50.6	54.2	43.5	43.5	39.9	39.9	37.8	37.8	35.6	35.6	34.5	34.5	30.1	30.1	88
96	43.9	50.6	39.5	39.5	36.1	36.1	34.4	34.4	32.4	32.4	31.7	31.7	28.1	28.1	96
104	38.4	45.5	36.5	36.5	33.4	33.4	31.5	31.5	29.6	29.6	29.0	29.0	26.1	26.1	104
112	33.7	40.3	34.2	34.3	31.2	31.2	29.0	29.0	27.2	27.2	26.5	26.5	23.9	23.9	112
120	30.0	36.1	30.9	32.2	29.3	29.3	26.9	26.9	24.9	24.9	24.2	24.2	22.0	22.0	120
128	28.3	32.5	27.3	30.5	27.3	27.5	25.1	25.1	23.0	23.0	22.1	22.1	20.2	20.2	128
136	26.5	29.2	24.1	29.0	24.5	25.9	23.5	23.5	21.3	21.3	20.3	20.3	18.3	18.3	136
144	23.9	26.4	22.5	27.2	21.7	24.5	21.3	21.9	19.9	19.9	18.6	18.6	16.6	16.6	144
152	17.3	17.3	21.4	24.6	19.3	23.2	18.9	20.5	18.0	18.3	16.5	17.0	15.3	15.3	152
160	-	-	19.5	21.7	17.7	21.9	16.6	19.3	15.9	17.1	14.7	15.7	13.9	13.9	160
168	-	-	13.0	13.0	16.3	20.5	14.8	18.2	13.9	15.9	13.4	14.5	12.3	12.7	168
176	-	-	12.2	12.2	15.0	18.8	13.6	17.1	12.2	14.7	12.1	13.4	10.4	11.6	176
184	-	-	-	-	12.7	12.7	12.2	16.1	10.6	13.7	10.6	12.3	8.9	10.5	184
192	-	-	-	-	-	-	9.7	9.7	9.2	12.8	9.2	11.3	7.4	9.5	192
200	-	-	-	-	-	-	8.9	8.9	7.8	12.0	7.8	10.3	6.1	8.7	200
208	-	-	-	-	-	-	7.8	7.8	6.5	9.4	6.7	9.4	4.9	7.8	208
216	-	-	-	-	-	-	6.3	6.3	5.2	6.3	5.6	8.6	3.8	6.9	216
224	-	-	-	-	-	-	-	-	-	-	4.6	7.2	-	6.2	224
232	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	232
240	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	240

* Max. values are valid only for specific superstructure positions (-) Possible with reduced load

109,800 lb		28.5 ft x 27.8 ft				360° / Max.*				ASME B30.5					
	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
	47.6ft	47.6ft	64.0ft	64.0ft	80.1ft	80.1ft	96.5ft	96.5ft	112.5ft	112.5ft	128.9ft	128.9ft	145.0ft	145.0ft	
ft	1,000 lb														ft
10	330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	10
12	330.7	341.7	330.7	336.2	317.5	317.5	283.3	286.3	-	-	-	-	-	-	12
14	330.7	341.7	330.7	336.2	317.5	317.5	283.3	285.5	(-)	(-)	-	-	-	-	14
16	315.7	325.9	316.6	326.0	313.3	313.3	283.3	283.8	(-)	(-)	(-)	(-)	(-)	(-)	16
18	293.2	302.5	294.3	304.7	294.3	298.0	276.3	276.3	234.8	236.5	(-)	(-)	(-)	(-)	18
20	271.6	279.9	272.8	282.1	272.8	280.1	266.7	266.8	232.6	232.6	184.7	184.7	(-)	(-)	20
24	235.2	238.1	237.7	240.2	237.7	240.2	236.5	237.5	220.6	221.1	183.4	183.4	144.2	144.2	24
28	199.3	203.1	202.4	205.2	202.5	205.0	201.1	203.8	198.8	201.9	180.6	180.6	141.7	141.7	28
32	169.1	175.6	172.4	177.8	172.4	177.7	174.1	178.2	173.3	178.4	164.2	173.0	139.2	139.2	32
36	143.3	146.8	152.3	156.3	150.6	156.2	153.1	158.4	151.6	156.9	144.0	154.1	131.9	136.4	36
40	-	-	132.5	138.4	133.6	139.3	133.1	138.8	131.6	137.3	130.9	138.1	122.7	132.3	40
48	-	-	99.0	111.6	100.2	112.4	103.6	111.8	103.0	114.2	100.9	112.8	96.8	110.8	48
56	-	-	-	-	81.1	93.1	81.7	93.7	80.8	95.0	78.8	93.6	76.1	91.6	56
64	-	-	-	-	66.0	78.9	66.3	81.3	65.2	80.5	63.2	79.2	63.9	77.2	64
72	-	-	-	-	54.7	56.1	54.7	70.1	53.6	69.5	54.8	67.9	54.0	65.9	72
80	-	-	-	-	-	-	46.1	61.6	46.3	60.8	47.4	59.2	45.4	57.3	80
88	-	-	-	-	-	-	-	-	41.7	53.5	40.6	51.9	38.6	50.9	88
96	-	-	-	-	-	-	-	-	36.2	46.8	35.1	45.0	34.0	46.6	96
104	-	-	-	-	-	-	-	-	30.9	31.6	30.5	41.3	31.1	40.9	104
112	-	-	-	-	-	-	-	-	-	-	26.8	37.9	27.6	35.9	112
120	-	-	-	-	-	-	-	-	-	-	22.7	22.7	24.4	32.0	120
128	-	-	-	-	-	-	-	-	-	-	-	-	21.5	28.4	128
136	-	-	-	-	-	-	-	-	-	-	-	-	17.4	17.4	136
144	-	-	-	-	-	-	-	-	-	-	-	-	16.6	16.6	144

	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
	161.4ft	161.4ft	177.5ft	177.5ft	193.9ft	193.9ft	210.0ft	210.0ft	226.4ft	226.4ft	242.5ft	242.5ft	262.5ft	262.5ft	
ft	1,000 lb														ft
20	(-)	(-)	-	-	(-)	(-)	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	-	24
28	114.9	114.9	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	28
32	109.7	109.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	32
36	103.0	103.0	90.4	90.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	96.2	96.2	86.6	86.6	73.7	73.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	84.0	84.0	77.2	77.2	68.4	68.4	60.2	60.2	(-)	(-)	(-)	(-)	(-)	(-)	48
56	73.8	73.8	68.1	68.1	61.6	61.7	56.4	56.4	49.3	49.3	42.5	42.5	(-)	(-)	56
64	63.0	67.9	58.7	60.2	55.1	55.1	51.4	51.4	46.5	46.5	41.9	41.9	33.1	33.1	64
72	51.4	62.5	49.5	53.7	48.4	49.1	46.4	46.4	42.9	42.9	40.0	40.0	33.1	33.1	72
80	43.6	57.8	44.1	48.2	42.2	44.2	40.8	41.9	38.9	39.1	37.5	37.5	31.9	31.9	80
88	38.8	51.5	37.5	43.5	37.8	39.9	36.8	37.8	34.9	35.6	34.1	34.5	30.1	30.1	88
96	34.2	44.5	33.7	39.5	32.5	36.1	32.0	34.4	31.0	32.4	29.5	31.7	28.1	28.1	96
104	29.6	38.6	29.9	36.5	29.3	33.4	27.9	31.5	26.4	29.6	26.1	29.0	24.6	26.1	104
112	26.8	33.7	26.0	34.2	25.4	31.2	24.1	29.0	22.3	27.2	22.5	26.5	20.5	23.9	112
120	24.2	30.0	23.2	30.6	21.9	29.3	20.7	26.9	19.1	24.9	19.1	24.2	17.3	22.0	120
128	21.4	28.3	20.5	27.0	19.2	27.1	18.1	25.1	16.1	23.0	16.3	22.1	14.3	20.2	128
136	18.9	26.2	18.0	24.0	16.6	24.3	15.5	23.5	13.5	21.3	13.8	20.3	11.8	18.3	136
144	16.9	23.5	15.9	22.5	14.4	21.5	13.3	21.1	11.3	19.9	11.6	18.6	9.6	16.6	144
152	15.0	17.3	13.9	21.3	12.5	19.1	11.2	18.7	9.4	17.8	9.5	16.4	7.7	15.3	152
160	-	-	12.3	19.2	10.7	17.7	9.6	16.5	7.6	15.7	7.9	14.7	6.1	13.9	160
168	-	-	10.8	10.8	9.3	16.2	8.1	14.7	6.2	13.9	6.3	13.4	4.6	12.3	168
176	-	-	9.5	9.5	7.9	14.8	6.6	13.6	4.8	12.2	4.8	12.1	3.1	10.4	176
184	-	-	-	6.7	6.7	6.7	5.4	12.7	3.6	10.6	3.6	10.6	-	8.9	184
192	-	-	-	-	-	-	4.2	4.2	-	9.7	-	9.2	-	7.5	192
200	-	-	-	-	-	-	3.3	3.3	-	8.9	-	7.8	-	6.2	200
208	-	-	-	-	-	-	-	-	-	7.8	-	6.7	-	5.1	208
216	-	-	-	-	-	-	-	-	-	6.3	-	5.6	-	4.0	216
224	-	-	-	-	-	-	-	-	-	-	-	4.8	-	3.1	224

* Max. values are valid only for specific superstructure positions
 (-) Possible with reduced load

42,300 lb		28.5 ft x 27.8 ft				360° / Max.*				ASME B30.5						
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft		47.6ft	47.6ft	64.0ft	64.0ft	80.1ft	80.1ft	96.5ft	96.5ft	112.5ft	112.5ft	128.9ft	128.9ft	145.0ft	145.0ft	ft
ft		1,000 lb														ft
10	330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	-	10
12	330.7	341.7	330.7	336.2	317.5	317.5	283.3	286.3	-	-	-	-	-	-	-	12
14	327.8	341.7	328.3	336.2	317.5	317.5	283.3	285.5	(-)	(-)	-	-	-	-	-	14
16	309.4	319.6	310.5	319.8	308.3	313.3	283.3	283.8	229.6	(-)	(-)	(-)	(-)	(-)	(-)	16
18	278.5	287.5	280.7	289.9	279.1	288.5	255.4	273.0	224.8	236.5	(-)	(-)	(-)	(-)	(-)	18
20	247.3	257.5	250.5	260.0	246.3	260.0	230.3	257.4	209.1	232.3	182.1	184.7	(-)	(-)	(-)	20
24	197.1	212.4	202.6	215.0	193.1	210.7	178.3	211.6	167.0	208.3	157.0	181.3	138.8	144.2	24	
28	151.5	176.7	158.6	180.4	153.2	181.1	145.4	179.4	138.3	171.2	127.0	161.9	116.8	141.1	28	
32	114.5	150.2	121.8	154.1	125.1	155.1	121.9	154.6	114.0	147.3	105.2	139.2	99.3	123.6	32	
36	91.5	131.2	98.2	135.0	104.4	136.1	102.2	132.4	97.2	128.2	91.6	116.9	87.5	104.4	36	
40	-	-	80.7	117.8	83.9	118.8	84.4	118.0	82.3	108.8	81.4	98.8	76.1	91.6	40	
48	-	-	57.4	89.9	60.2	92.3	60.6	90.3	63.6	83.6	62.5	76.2	60.4	75.2	48	
56	-	-	-	-	46.1	70.7	48.6	70.5	48.4	66.5	48.4	64.8	48.4	60.8	56	
64	-	-	-	-	36.7	54.8	38.1	55.0	38.5	55.0	39.0	54.8	38.8	50.4	64	
72	-	-	-	-	29.0	44.1	30.4	44.6	31.4	46.5	31.5	45.4	31.3	44.0	72	
80	-	-	-	-	-	-	24.6	38.7	25.7	38.5	25.7	37.6	25.5	38.7	80	
88	-	-	-	-	-	-	-	-	21.1	32.7	21.0	32.9	20.9	32.7	88	
96	-	-	-	-	-	-	-	-	17.5	28.1	17.3	28.9	17.2	28.3	96	
104	-	-	-	-	-	-	-	-	14.5	25.2	14.3	25.4	14.0	24.9	104	
112	-	-	-	-	-	-	-	-	-	-	11.6	22.1	11.3	21.7	112	
120	-	-	-	-	-	-	-	-	-	-	9.5	19.5	9.3	19.2	120	
128	-	-	-	-	-	-	-	-	-	-	-	-	7.5	16.7	128	
136	-	-	-	-	-	-	-	-	-	-	-	-	5.9	14.6	136	
144	-	-	-	-	-	-	-	-	-	-	-	-	4.7	12.9	144	

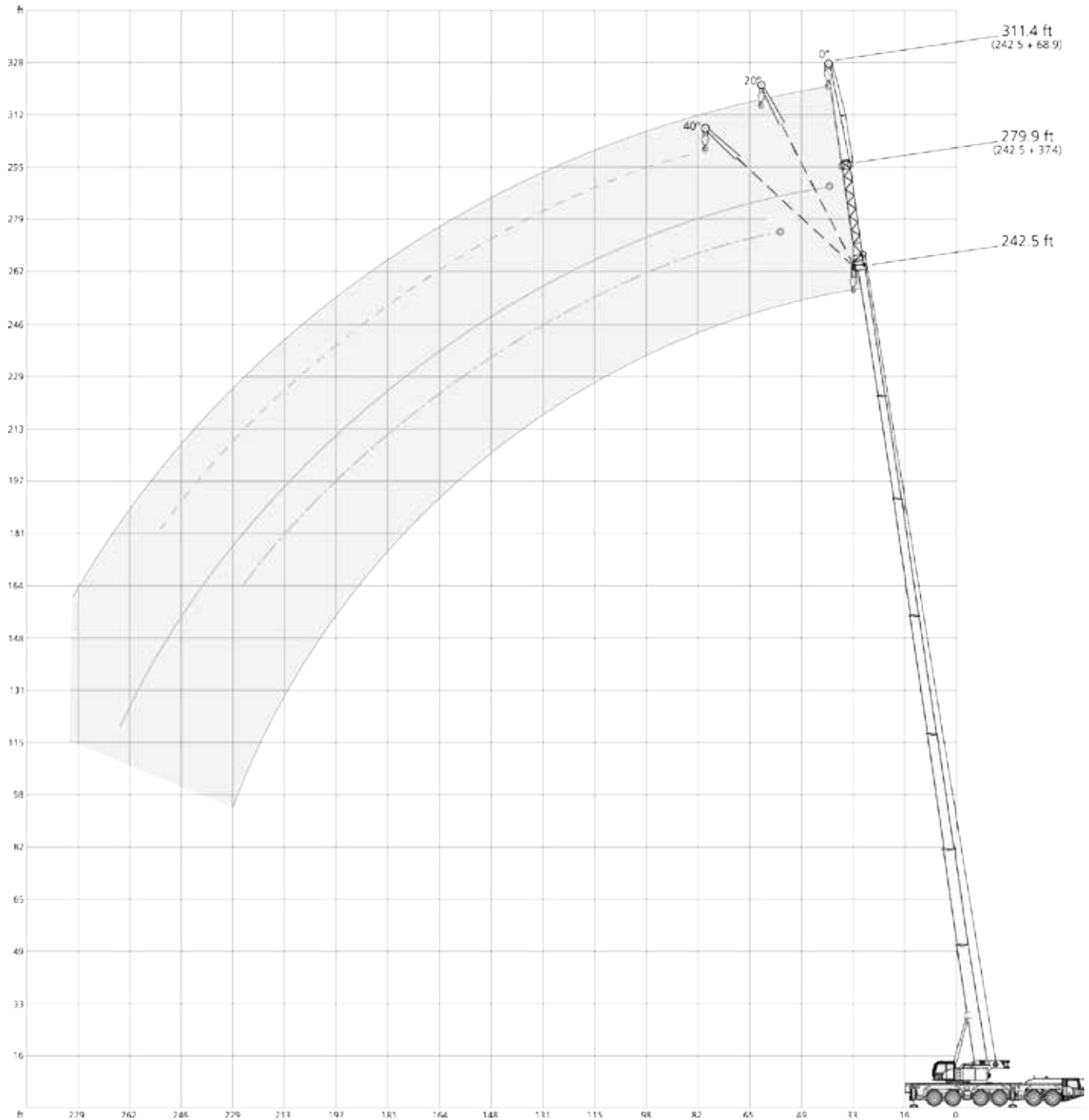
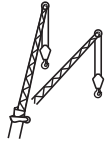
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
ft		161.4ft	161.4ft	177.5ft	177.5ft	193.9ft	193.9ft	210.0ft	210.0ft	226.4ft	226.4ft	242.5ft	242.5ft	262.5ft	262.5ft	ft
ft		1,000 lb														ft
20	(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	24
28	106.8	114.9	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	28
32	94.2	107.8	83.5	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	32
36	82.0	95.3	76.8	85.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	72.0	87.0	69.0	77.9	66.0	71.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	57.8	69.2	57.3	65.3	53.5	61.7	49.9	57.3	(-)	(-)	(-)	(-)	(-)	(-)	(-)	48
56	48.0	56.6	45.7	55.0	42.3	53.3	39.3	50.8	35.7	46.5	34.7	41.5	(-)	(-)	56	
64	38.1	49.5	36.7	47.8	33.9	45.8	31.5	42.8	28.1	40.8	27.4	37.6	24.0	33.1	64	
72	30.4	42.0	29.3	41.8	27.5	38.7	25.3	38.0	22.2	35.2	21.5	31.9	18.2	28.6	72	
80	24.5	37.0	23.4	36.1	21.7	33.4	19.8	32.5	17.1	29.9	16.5	27.1	13.2	23.8	80	
88	19.8	32.4	18.7	31.3	17.2	30.0	15.5	28.0	12.9	25.6	12.4	23.0	9.3	20.0	88	
96	16.1	27.8	14.9	27.2	13.4	26.6	11.9	24.2	9.6	22.0	9.1	19.5	6.2	16.6	96	
104	12.9	24.3	11.8	23.4	10.3	23.3	8.9	21.1	6.7	18.9	6.3	16.5	3.6	13.8	104	
112	10.5	21.0	9.4	19.9	7.8	20.1	6.5	18.2	4.5	16.2	4.1	13.8	-	11.1	112	
120	8.3	18.2	7.3	17.2	5.7	17.2	4.4	15.7	-	14.0	-	11.6	-	9.0	120	
128	6.4	15.7	5.4	14.8	4.0	14.8	-	13.4	-	12.0	-	9.6	-	7.2	128	
136	4.9	13.7	3.8	12.6	-	12.8	-	11.3	-	10.1	-	7.9	-	5.4	136	
144	3.6	11.8	2.5	10.9	-	10.9	-	9.6	-	8.4	-	6.2	-	3.8	144	
152	-	10.2	-	9.3	-	9.3	-	7.9	-	6.8	-	4.9	-	-	152	
160	-	-	-	7.8	-	8.0	-	6.5	-	5.3	-	3.5	-	-	160	
168	-	-	-	-	-	6.7	-	5.4	-	4.1	-	-	-	-	168	
176	-	-	-	-	-	5.7	-	4.1	-	3.0	-	-	-	-	176	
184	-	-	-	-	-	-	-	3.2	-	-	-	-	-	-	184	

* Max. values are valid only for specific superstructure positions
 (-) Possible with reduced load

0 lb		28.5 ft x 27.8 ft										360° / Max.*		ASME B30.5		
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
		47.6ft	47.6ft	64.0ft	64.0ft	80.1ft	80.1ft	96.5ft	96.5ft	112.5ft	112.5ft	128.9ft	128.9ft	145.0ft	145.0ft	
ft		1,000 lb														ft
10		330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	10
12		330.7	341.7	330.7	336.2	317.5	317.5	282.9	286.3	-	-	-	-	-	-	12
14		320.7	332.2	322.5	330.5	292.7	317.5	261.5	285.5	(-)	(-)	-	-	-	-	14
16		283.7	300.3	271.2	302.7	241.8	300.5	214.7	280.8	173.7	229.6	(-)	(-)	(-)	(-)	16
18		238.5	267.0	224.3	261.2	200.9	258.0	178.0	247.5	165.5	224.3	(-)	(-)	(-)	(-)	18
20		194.8	231.8	180.5	232.6	163.4	229.6	153.6	219.5	138.0	202.7	126.7	171.6	(-)	(-)	20
24		128.6	188.3	128.9	192.3	123.6	186.1	113.9	163.8	105.7	149.1	99.4	128.6	91.1	116.2	24
28		84.8	158.2	96.2	155.1	93.7	139.0	87.7	130.3	85.0	115.6	79.8	105.8	75.5	99.1	28
32		57.4	128.0	69.3	119.0	72.7	114.0	72.0	104.2	68.6	95.1	65.0	91.2	61.0	84.1	32
36		41.8	98.4	52.6	97.7	58.9	95.3	58.9	88.5	57.7	83.0	54.3	79.4	51.2	73.9	36
40		-	-	39.0	81.0	45.4	80.0	47.4	74.8	47.5	73.8	45.0	68.4	42.7	65.8	40
48		-	-	23.9	55.7	29.9	58.5	31.7	59.7	33.2	57.1	32.6	55.3	31.2	52.4	48
56		-	-	-	-	20.2	45.0	21.8	46.6	23.4	45.3	23.1	44.3	22.8	41.6	56
64		-	-	-	-	13.5	35.1	15.1	36.4	16.5	37.1	16.4	35.7	16.4	33.7	64
72		-	-	-	-	8.9	27.9	10.2	29.0	11.6	30.1	11.6	29.5	11.4	27.7	72
80		-	-	-	-	-	-	6.9	23.5	8.1	24.6	7.9	24.4	7.9	23.0	80
88		-	-	-	-	-	-	-	-	5.4	20.0	5.2	19.9	5.1	19.2	88
96		-	-	-	-	-	-	-	-	3.2	16.4	3.1	16.2	2.9	16.0	96
104		-	-	-	-	-	-	-	-	-	13.4	-	13.2	-	12.9	104
112		-	-	-	-	-	-	-	-	-	-	-	10.7	-	10.5	112
120		-	-	-	-	-	-	-	-	-	-	-	8.7	-	8.4	120
128		-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	128
136		-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	136
144		-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	144

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
		161.4ft	161.4ft	177.5ft	177.5ft	193.9ft	193.9ft	210.0ft	210.0ft	226.4ft	226.4ft	242.5ft	242.5ft	262.5ft	262.5ft	
ft		1,000 lb														ft
20		(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	20
24		(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	-	24
28		65.9	88.8	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	28
32		56.1	79.3	46.4	71.0	(-)	(-)	(-)	(-)	(-)	(-)	-	(-)	-	(-)	32
36		47.1	69.3	42.2	65.4	(-)	(-)	(-)	(-)	(-)	(-)	-	(-)	-	(-)	36
40		39.2	62.1	36.2	57.5	32.3	55.0	(-)	(-)	(-)	(-)	-	(-)	-	(-)	40
48		28.5	48.1	26.2	44.5	22.9	42.9	20.0	38.7	-	(-)	-	(-)	-	(-)	48
56		20.6	38.1	18.6	35.4	15.6	34.2	12.7	30.7	-	27.6	-	24.3	-	(-)	56
64		14.4	30.7	12.6	28.4	9.9	27.5	7.3	24.5	-	22.0	-	19.1	-	15.7	64
72		10.0	25.0	8.2	23.0	5.6	22.4	3.4	19.7	-	17.5	-	14.6	-	11.8	72
80		6.6	20.6	5.1	18.9	-	18.4	-	16.0	-	13.9	-	11.2	-	8.6	80
88		4.0	17.2	-	15.5	-	15.1	-	12.9	-	11.0	-	8.4	-	5.8	88
96		-	14.3	-	12.7	-	12.4	-	10.2	-	8.4	-	6.0	-	3.4	96
104		-	11.8	-	10.2	-	10.2	-	8.0	-	6.2	-	3.8	-	-	104
112		-	9.6	-	8.3	-	8.1	-	6.1	-	4.3	-	-	-	-	112
120		-	7.5	-	6.4	-	6.2	-	4.3	-	-	-	-	-	-	120
128		-	5.7	-	4.6	-	4.6	-	2.9	-	-	-	-	-	-	128
136		-	4.3	-	3.2	-	3.2	-	-	-	-	-	-	-	-	136
144		-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	144

* Max. values are valid only for specific superstructure positions
 (-) Possible with reduced load



206,800 lb				28.5 ft x 27.8 ft				360°				ASME B30.5							
47.6 ft								145.0 ft											
37.4 ft				68.9 ft				37.4 ft				68.9 ft							
		0°		20°		40°		0°		20°		40°		0°		20°		40°	
ft		1,000 lb																	
10	47.4	-	-	-	-	-	-	28	47.4	-	-	-	-	19.9	-	-			
12	47.4	-	-	-	24.0	-	-	32	47.4	-	-	-	-	19.7	-	-			
14	47.4	-	-	-	23.7	-	-	36	47.4	-	-	-	-	19.3	-	-			
16	47.4	-	-	-	23.3	-	-	40	47.4	32.5	-	-	-	18.9	-	-			
18	47.4	-	-	-	22.9	-	-	48	46.6	30.4	22.5	-	-	18.2	-	-			
20	47.4	37.5	-	-	22.6	-	-	56	43.0	28.5	21.7	-	-	17.5	13.5	-			
24	47.4	34.5	-	-	21.9	-	-	64	39.3	26.8	20.9	-	-	16.9	12.9	-			
28	45.6	31.8	-	-	21.3	-	-	72	36.0	25.4	20.3	-	-	16.3	12.1	-			
32	41.1	29.7	23.4	-	20.3	-	-	80	33.1	24.1	19.8	-	-	15.6	11.6	9.2			
36	37.2	27.8	22.4	-	19.3	-	-	88	30.6	23.0	19.3	-	-	15.0	11.1	8.9			
40	33.8	26.0	21.5	-	18.3	14.2	-	96	28.6	22.1	18.9	-	-	14.2	10.5	8.7			
48	29.0	23.4	20.2	-	16.0	12.9	-	104	26.9	21.3	18.6	-	-	13.3	10.2	8.6			
56	25.4	21.2	19.0	-	14.3	11.7	-	112	25.3	20.5	18.3	-	-	12.5	9.7	8.4			
64	22.2	19.7	-	-	12.7	10.7	9.4	120	23.9	19.7	18.1	-	-	11.9	9.4	8.2			
72	19.9	18.5	-	-	11.5	9.9	8.8	128	22.7	19.2	18.0	-	-	11.2	9.1	8.0			
80	-	-	-	-	10.5	9.4	8.5	136	21.6	18.6	14.6	-	-	10.7	8.9	7.9			
88	-	-	-	-	9.6	8.7	8.2	144	20.6	18.3	-	-	-	10.4	8.6	7.9			
96	-	-	-	-	9.0	8.5	-	152	19.7	18.1	-	-	-	9.9	8.4	7.9			
104	-	-	-	-	8.4	-	-	160	19.0	11.7	-	-	-	9.5	8.3	7.9			
								168	10.9	-	-	-	-	9.1	8.1	-			
								176	10.2	-	-	-	-	8.9	8.0	-			
								184	-	-	-	-	-	8.6	7.9	-			
								192	-	-	-	-	-	8.3	-	-			
								200	-	-	-	-	-	8.2	-	-			

242.5 ft							
37.4 ft				68.9 ft			
		0°		20°		40°	
ft		1,000 lb					
64	24.5	-	-	-	12.6	-	-
72	24.5	-	-	-	12.4	-	-
80	24.5	23.1	-	-	12.3	-	-
88	24.5	22.4	19.0	-	12.0	-	-
96	24.5	21.8	18.6	-	11.9	10.9	-
104	24.5	21.2	18.3	-	11.7	10.6	-
112	23.7	20.5	18.1	-	11.5	10.3	8.4
120	22.1	20.2	17.8	-	11.4	9.9	8.2
128	20.5	19.6	17.5	-	11.1	9.6	8.0
136	18.9	19.1	17.3	-	11.0	9.5	7.9
144	17.3	17.7	16.6	-	10.8	9.3	7.9
152	15.9	16.4	15.8	-	10.5	9.0	7.7
160	14.6	15.0	15.0	-	10.4	8.7	7.7
168	13.4	13.8	14.0	-	10.2	8.5	7.7
176	12.3	12.7	12.9	-	10.0	8.4	7.7
184	11.2	11.6	11.9	-	9.6	8.3	7.6
192	10.2	10.6	10.8	-	9.1	8.1	7.5
200	9.4	9.7	9.9	-	8.6	7.8	7.5
208	8.6	8.8	8.9	-	8.1	7.6	7.5
216	7.8	8.0	8.0	-	7.5	7.5	7.5
224	7.1	7.2	-	-	6.9	7.2	7.4
232	6.4	6.4	-	-	6.2	6.9	7.0
240	5.7	5.7	-	-	5.7	6.2	6.2
248	5.1	5.1	-	-	5.2	5.5	-
256	-	-	-	-	4.6	4.8	-
264	-	-	-	-	4.1	4.3	-
272	-	-	-	-	3.5	3.7	-
280	-	-	-	-	3.0	3.0	-

262.5 ft							
37.4 ft				68.9 ft			
		0°		20°		40°*	
ft		1,000 lb					
72	19.2	-	-	-	11.2	-	-
80	19.2	-	-	-	11.2	-	-
88	19.2	19.2	-	-	11.0	-	-
96	19.2	19.2	18.2	-	10.9	-	-
104	19.2	19.2	17.9	-	10.8	10.4	-
112	19.2	19.2	17.6	-	10.6	10.1	8.4
120	18.9	19.1	17.4	-	10.5	9.9	8.2
128	17.9	18.2	17.2	-	10.4	9.6	8.0
136	16.6	17.0	16.7	-	10.2	9.3	7.9
144	15.5	15.7	15.9	-	10.1	9.3	7.9
152	14.1	14.6	14.8	-	9.9	9.0	7.7
160	12.9	13.5	13.9	-	9.8	8.7	7.7
168	11.7	12.3	12.9	-	9.6	8.5	7.6
176	10.5	11.2	11.8	-	9.3	8.4	7.5
184	9.6	10.1	10.9	-	9.0	8.3	7.5
192	8.6	9.1	10.0	-	8.7	8.1	7.5
200	7.8	8.3	9.2	-	8.2	8.0	7.5
208	7.0	7.5	8.4	-	7.6	7.6	7.3
216	6.2	6.7	7.5	-	7.1	7.1	7.1
224	5.5	5.9	6.7	-	6.4	6.6	6.7
232	4.9	5.1	-	-	5.8	6.0	6.2
240	4.2	4.4	-	-	5.1	5.5	5.7
248	3.6	3.8	-	-	4.5	4.9	5.1
256	3.1	3.3	-	-	4.0	4.4	-
264	2.7	2.8	-	-	3.4	3.9	-
272	-	-	-	-	2.9	3.3	-
280	-	-	-	-	2.5	2.8	-






 *258.5 ft




109,800 lb		28.5 ft x 27.8 ft		360°		ASME B30.5									
47.6 ft								145.0 ft							
ft	37.4 ft			68.9 ft			ft	37.4 ft			68.9 ft				
	0°	20°	40°	0°	20°	40°		0°	20°	40°	0°	20°	40°		
1,000 lb															
10	47.4	-	-	-	-	-	28	47.4	-	-	19.9	-	-		
12	47.4	-	-	24.0	-	-	32	47.4	-	-	19.7	-	-		
14	47.4	-	-	23.7	-	-	36	47.4	-	-	19.3	-	-		
16	47.4	-	-	23.3	-	-	40	47.4	32.5	-	18.9	-	-		
18	47.4	-	-	22.9	-	-	48	46.6	30.4	22.5	18.2	-	-		
20	47.4	37.5	-	22.6	-	-	56	43.0	28.5	21.7	17.5	13.5	-		
24	47.4	34.5	-	21.9	-	-	64	39.3	26.8	20.9	16.9	12.9	-		
28	45.6	31.8	-	21.3	-	-	72	36.0	25.4	20.3	16.3	12.1	-		
32	41.1	29.7	23.4	20.3	-	-	80	33.1	24.1	19.8	15.6	11.6	9.2		
36	37.2	27.8	22.4	19.3	-	-	88	30.6	23.0	19.3	15.0	11.1	8.9		
40	33.8	26.0	21.5	18.3	14.2	-	96	28.6	22.1	18.9	14.2	10.5	8.7		
48	29.0	23.4	20.2	16.0	12.9	-	104	26.7	21.3	18.6	13.3	10.2	8.6		
56	25.4	21.2	19.0	14.3	11.7	-	112	24.9	20.5	18.3	12.5	9.7	8.4		
64	22.2	19.7	-	12.7	10.7	9.4	120	22.5	19.7	18.1	11.9	9.4	8.2		
72	19.9	18.5	-	11.5	9.9	8.8	128	20.3	19.1	18.0	11.2	9.1	8.0		
80	-	-	-	10.5	9.4	8.5	136	18.8	18.3	14.6	10.7	8.9	7.9		
88	-	-	-	9.6	8.7	8.2	144	16.9	17.5	-	10.4	8.6	7.9		
96	-	-	-	9.0	8.5	-	152	15.3	15.4	-	9.9	8.4	7.9		
104	-	-	-	8.4	-	-	160	14.3	11.7	-	9.5	8.3	7.9		
							168	10.9	-	-	9.1	8.1	-		
							176	10.2	-	-	8.9	8.0	-		
							184	-	-	-	8.5	7.9	-		
							192	-	-	-	8.3	-	-		
							200	-	-	-	8.2	-	-		




242.5 ft							
ft	37.4 ft			68.9 ft			
	0°	20°	40°	0°	20°	40°	
1,000 lb							
64	24.5	-	-	12.6	-	-	
72	24.5	-	-	12.4	-	-	
80	24.5	23.1	-	12.3	-	-	
88	24.5	22.4	19.0	12.0	-	-	
96	24.5	21.8	18.6	11.9	10.9	-	
104	24.1	21.2	18.3	11.7	10.6	-	
112	21.0	20.5	18.1	11.5	10.3	8.4	
120	19.0	19.6	17.8	11.4	9.9	8.2	
128	16.4	18.0	17.4	11.1	9.6	8.0	
136	13.8	15.6	16.5	11.0	9.5	7.9	
144	11.6	13.3	14.4	10.6	9.3	7.9	
152	9.7	11.2	12.3	9.7	9.0	7.7	
160	7.9	9.3	10.2	8.2	8.7	7.7	
168	6.4	7.6	8.5	6.8	8.3	7.7	
176	5.0	6.2	6.8	5.5	7.6	7.7	
184	3.8	4.8	5.5	4.3	6.3	7.1	
192	-	-	4.2	-	5.0	6.3	
200	-	-	2.9	-	3.8	5.0	
208	-	-	-	-	-	3.8	
216	-	-	-	-	-	2.7	

262.5 ft							
ft	37.4 ft			68.9 ft			
	0°	20°	40°*	0°*	20°*	40°*	
1,000 lb							
72	19.2	-	-	11.2	-	-	
80	19.2	-	-	11.2	-	-	
88	19.2	19.2	-	11.0	-	-	
96	19.2	19.2	18.2	10.9	-	-	
104	19.2	19.2	17.9	10.8	10.4	-	
112	19.0	19.2	17.6	10.6	10.1	8.4	
120	16.6	18.6	17.4	10.5	9.9	8.2	
128	13.9	16.1	17.2	10.4	9.6	8.0	
136	11.5	13.5	15.6	10.2	9.3	7.9	
144	9.6	11.3	13.1	9.5	9.3	7.9	
152	7.7	9.4	11.0	7.7	9.0	7.7	
160	6.1	7.6	8.9	6.2	8.6	7.7	
168	4.6	6.0	7.1	4.8	7.4	7.6	
176	3.1	4.4	5.5	3.5	5.9	7.5	
184	-	-	4.1	-	4.7	6.5	
192	-	-	-	-	-	5.2	
200	-	-	-	-	-	3.9	

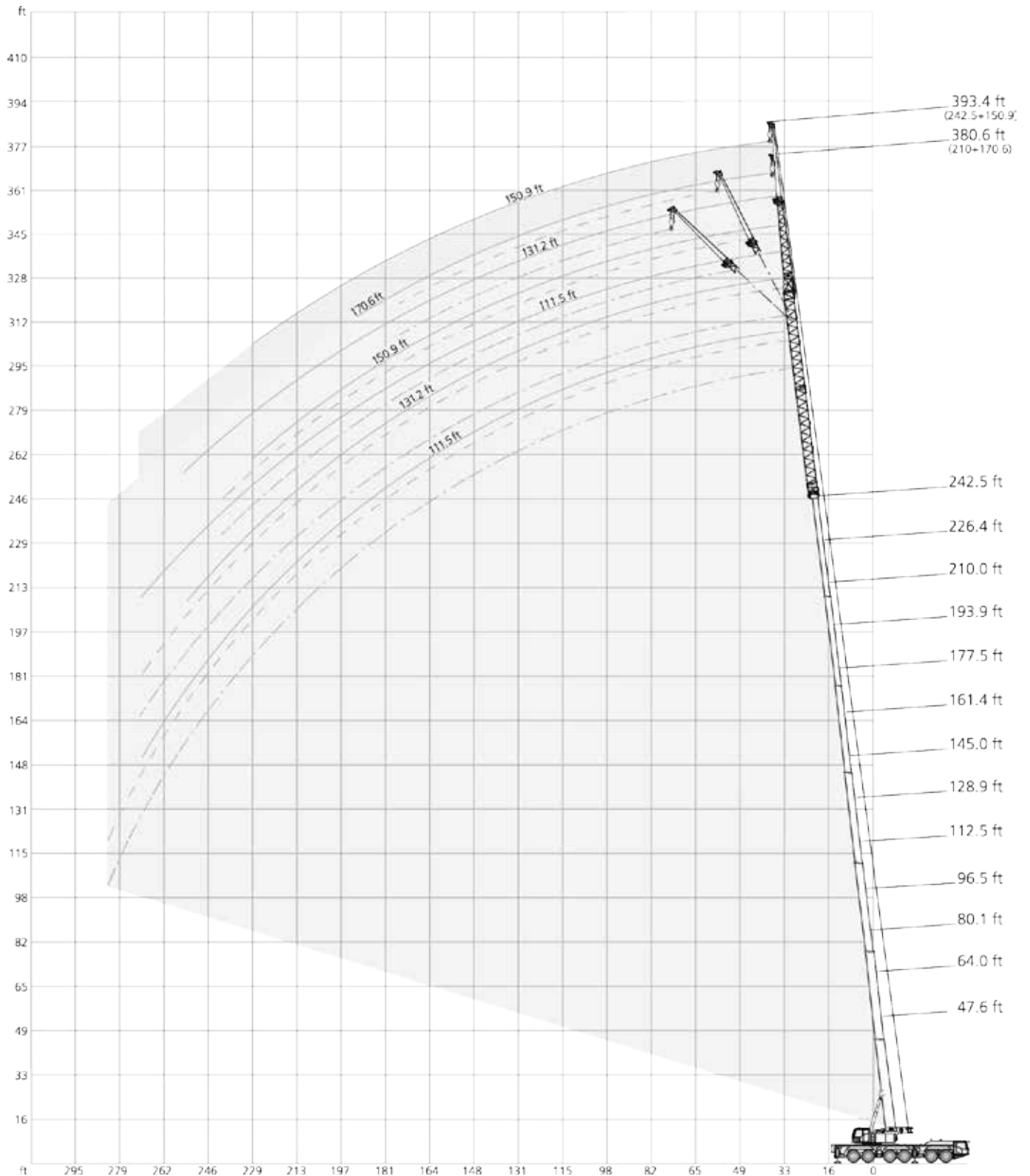
 * 258.5 ft

42,300 lb				28.5 ft x 27.8 ft		360°		ASME B30.5		
 47.6 ft		37.4 ft			68.9 ft			 145.0 ft		
 		0°	20°	40°	0°	20°	40°	0°	20°	40°
ft	1,000 lb									
10	47.4	-	-	-	-	-	-	-	-	-
12	47.4	-	-	-	24.0	-	-	-	-	-
14	47.4	-	-	-	23.7	-	-	-	-	-
16	47.4	-	-	-	23.3	-	-	-	-	-
18	47.4	-	-	-	22.9	-	-	-	-	-
20	47.4	37.5	-	-	22.6	-	-	-	-	-
24	47.4	34.5	-	-	21.9	-	-	-	-	-
28	45.6	31.8	-	-	21.3	-	-	-	-	-
32	41.1	29.7	23.4	-	20.3	-	-	-	-	-
36	37.2	27.8	22.4	-	19.3	-	-	-	-	-
40	33.8	26.0	21.5	-	18.3	14.2	-	-	-	-
48	29.0	23.4	20.2	-	16.0	12.9	-	-	-	-
56	25.4	21.2	19.0	-	14.3	11.7	-	-	-	-
64	22.2	19.7	-	-	12.7	10.7	9.4	-	-	-
72	19.9	18.5	-	-	11.5	9.9	8.8	-	-	-
80	-	-	-	-	10.5	9.4	8.5	-	-	-
88	-	-	-	-	9.6	8.7	8.2	-	-	-
96	-	-	-	-	9.0	8.5	-	-	-	-
104	-	-	-	-	8.4	-	-	-	-	-
28	47.4	-	-	-	-	-	-	19.9	-	-
32	47.4	-	-	-	-	-	-	19.7	-	-
36	47.4	-	-	-	-	-	-	19.3	-	-
40	47.4	32.5	-	-	-	-	-	18.9	-	-
48	46.5	30.4	22.5	-	-	-	-	18.2	-	-
56	41.2	28.5	21.7	-	-	-	-	17.5	13.5	-
64	36.8	26.8	20.9	-	-	-	-	16.9	12.9	-
72	31.6	25.4	20.3	-	-	-	-	16.3	12.1	-
80	26.8	23.7	19.8	-	-	-	-	15.6	11.6	9.2
88	22.1	22.2	19.2	-	-	-	-	15.0	11.1	8.9
96	18.3	20.2	18.7	-	-	-	-	14.0	10.5	8.7
104	15.1	16.7	17.8	-	-	-	-	13.1	10.2	8.6
112	12.4	14.0	15.1	-	-	-	-	12.3	9.7	8.4
120	10.4	11.6	12.4	-	-	-	-	11.2	9.4	8.2
128	8.5	9.6	10.2	-	-	-	-	9.4	9.1	8.0
136	6.8	7.7	8.4	-	-	-	-	7.6	8.9	7.9
144	5.4	6.2	-	-	-	-	-	6.2	8.0	7.9
152	4.2	4.9	-	-	-	-	-	4.9	6.4	7.5
160	3.1	3.6	-	-	-	-	-	3.9	5.2	6.2
168	-	-	-	-	-	-	-	-	4.1	-
176	-	-	-	-	-	-	-	-	3.0	-

 242.5 ft		37.4 ft			68.9 ft		
 		0°	20°	40°	0°	20°	40°
ft	1,000 lb						
64	23.4	-	-	-	12.6	-	-
72	19.7	-	-	-	12.4	-	-
80	14.8	18.7	-	-	11.8	-	-
88	10.8	14.3	17.3	-	9.9	-	-
96	7.7	10.7	13.4	-	6.8	10.9	-
104	5.1	7.8	10.3	-	4.5	9.1	-
112	-	5.4	7.6	-	-	6.7	8.4
120	-	3.3	5.3	-	-	4.6	7.8
128	-	-	3.4	-	-	-	6.2
136	-	-	-	-	-	-	4.2
144	-	-	-	-	-	-	2.5

 262.5 ft		37.4 ft			68.9 ft		
 		0°	20°	40°*	0°*	20°*	40°*
ft	1,000 lb						
72	16.0	-	-	-	11.2	-	-
80	11.3	-	-	-	10.7	-	-
88	7.7	11.3	-	-	7.2	-	-
96	4.6	8.0	11.4	-	4.3	10.9	-
104	-	5.2	8.1	-	-	9.1	-
112	-	-	5.6	-	-	6.7	8.4
120	-	-	-	-	-	4.6	7.8
128	-	-	-	-	-	-	6.2
136	-	-	-	-	-	-	4.2
144	-	-	-	-	-	-	2.5

 *258.5 ft



206,800 lb		28.5 ft x 27.8 ft						360°			ASME B30.5			
47.6 ft														
ft	ft	111.5 ft			131.2 ft			150.9 ft			170.6 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
20		21.8	-	-	-	-	-	-	-	-	-	-	-	20
24		21.2	-	-	19.9	-	-	-	-	-	-	-	-	24
28		20.7	-	-	19.5	-	-	-	-	-	-	-	-	28
32		20.2	-	-	18.9	-	-	17.4	-	-	-	-	-	32
36		19.5	-	-	18.1	-	-	16.4	-	-	14.3	-	-	36
40		18.8	-	-	17.3	-	-	15.5	-	-	13.5	-	-	40
48		17.2	14.1	-	15.4	-	-	13.7	-	-	12.0	-	-	48
56		15.3	13.0	-	13.6	12.6	-	12.1	-	-	10.7	-	-	56
64		13.6	12.1	-	12.0	11.3	-	10.6	10.2	-	9.3	9.3	-	64
72		12.2	11.3	9.5	10.6	10.2	-	9.5	9.1	-	8.2	8.2	-	72
80		10.9	10.2	9.0	9.5	9.1	8.7	8.3	8.0	8.0	7.3	7.1	7.3	80
88		9.9	9.2	8.7	8.5	8.2	8.0	7.4	7.2	7.2	6.3	6.3	6.4	88
96		9.1	8.5	8.3	7.7	7.4	7.3	6.6	6.6	6.6	5.5	5.7	5.8	96
104		8.3	7.8	7.8	6.9	6.7	6.7	5.8	5.8	5.8	4.9	4.9	5.1	104
112		7.7	7.2	7.2	6.4	6.1	6.1	5.3	5.3	5.3	4.4	4.4	4.6	112
120		6.9	6.8	-	5.8	5.7	5.6	4.7	4.7	4.8	3.8	3.9	4.1	120
128		6.5	6.4	-	5.3	5.3	5.2	4.3	4.3	4.4	3.3	3.5	3.6	128
136		6.1	6.0	-	4.9	4.8	-	3.9	3.9	4.0	2.9	3.1	3.2	136
144		5.7	-	-	4.4	4.4	-	3.5	3.5	3.6	2.7	2.7	2.9	144
152		-	-	-	4.2	4.2	-	3.1	3.3	-	-	2.4	2.6	152
160		-	-	-	3.9	-	-	2.8	3.0	-	-	-	-	160
168		-	-	-	-	-	-	2.6	2.7	-	-	-	-	168
176		-	-	-	-	-	-	2.4	2.5	-	-	-	-	176

145.0 ft														
ft	ft	111.5 ft			131.2 ft			150.9 ft			170.6 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
40		17.2	-	-	-	-	-	-	-	-	-	-	-	40
48		16.6	-	-	15.2	-	-	-	-	-	-	-	-	48
56		16.1	-	-	14.4	-	-	12.2	-	-	10.0	-	-	56
64		15.5	-	-	13.4	-	-	11.4	-	-	9.2	-	-	64
72		14.6	12.4	-	12.6	-	-	10.6	-	-	8.6	-	-	72
80		13.7	11.8	-	11.6	10.2	-	9.8	8.9	-	7.9	7.4	-	80
88		12.7	11.0	9.0	10.8	9.4	-	9.0	8.2	-	7.3	6.9	-	88
96		12.1	10.3	8.9	10.1	8.8	8.1	8.3	7.5	7.0	6.8	6.3	-	96
104		11.3	9.8	8.6	9.4	8.2	7.6	7.8	6.9	6.5	6.2	5.8	5.5	104
112		10.5	9.2	8.3	8.8	7.7	7.0	7.0	6.4	6.1	5.7	5.3	5.1	112
120		9.8	8.7	7.9	8.0	7.2	6.7	6.5	6.0	5.7	5.2	4.9	4.7	120
128		9.3	8.3	7.6	7.5	6.8	6.3	6.1	5.6	5.3	4.8	4.5	4.3	128
136		8.7	7.8	7.3	7.0	6.3	6.0	5.6	5.2	4.9	4.3	4.1	4.0	136
144		8.4	7.5	7.1	6.6	6.0	5.7	5.1	4.9	4.6	4.0	3.8	3.8	144
152		7.9	7.0	6.8	6.1	5.7	5.5	4.8	4.4	4.4	3.5	3.5	3.5	152
160		7.4	6.7	6.5	5.8	5.4	5.2	4.3	4.1	4.1	3.2	3.2	3.2	160
168		7.1	6.5	6.3	5.4	5.2	4.9	4.1	3.8	3.8	3.0	3.0	3.0	168
176		6.7	6.2	6.0	5.1	4.9	4.7	3.8	3.6	3.6	2.7	2.7	2.7	176
184		6.4	5.9	5.8	4.8	4.6	4.5	3.5	3.4	3.3	2.4	-	2.4	184
192		6.1	5.7	5.5	4.6	4.4	4.4	3.2	3.2	3.1	-	-	-	192
200		5.8	5.6	5.3	4.3	4.1	4.1	3.0	3.0	2.9	-	-	-	200
208		5.7	5.4	-	4.0	3.9	-	2.8	2.8	2.8	-	-	-	208
216		5.5	5.3	-	3.8	3.8	-	2.7	2.7	2.7	-	-	-	216
224		5.4	5.2	-	3.6	3.6	-	2.5	2.4	-	-	-	-	224
232		5.3	4.1	-	3.5	3.5	-	-	-	-	-	-	-	232
240		5.1	3.7	-	3.5	3.4	-	-	-	-	-	-	-	240
248		3.4	-	-	3.4	2.8	-	-	-	-	-	-	-	248

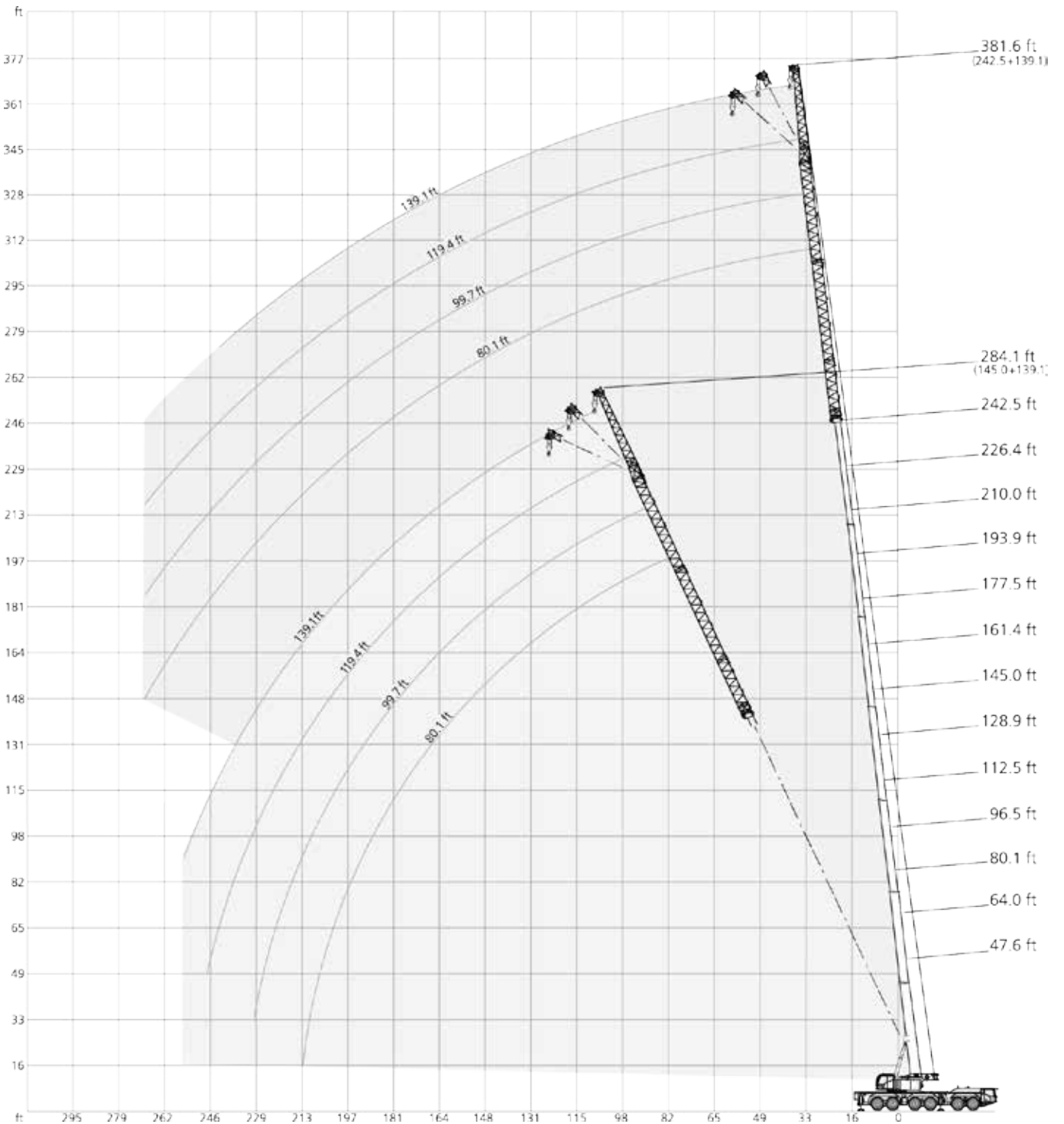
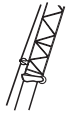
206,800 lb		28.5 ft x 27.8 ft									360°			ASME B30.5	
242.5 ft		111.5 ft			131.2 ft			150.9 ft			170.6 ft				
ft	0°	20°	40°	0°	20°	40°	0°	20°*	40°*	0°*	20°*	40°*	ft		
1,000 lb															
80	9.3	-	-	-	-	-	-	-	-	6.1	-	-	80		
88	9.3	-	-	7.5	-	-	-	-	-	5.6	-	-	88		
96	9.3	-	-	7.4	-	-	5.6	-	-	5.4	-	-	96		
104	9.1	-	-	7.1	-	-	5.3	-	-	5.1	-	-	104		
112	8.8	8.1	-	6.8	6.4	-	5.1	5.9	-	4.6	4.4	-	112		
120	8.6	7.9	-	6.6	6.1	-	4.8	5.4	5.2	4.3	4.1	-	120		
128	8.5	7.6	6.6	6.3	5.8	-	4.6	5.2	5.0	4.1	3.9	3.6	128		
136	8.2	7.3	6.5	6.2	5.6	5.4	4.5	4.9	4.7	3.8	3.6	3.5	136		
144	7.7	7.1	6.4	6.0	5.3	5.1	4.2	4.6	4.4	3.5	3.3	3.3	144		
152	7.5	6.8	6.1	5.7	5.3	5.0	4.0	4.4	4.2	3.3	3.1	3.1	152		
160	7.2	6.5	6.0	5.4	5.0	4.8	3.9	4.1	4.0	3.0	2.9	2.8	160		
168	6.9	6.3	5.9	5.2	4.8	4.6	3.6	3.9	3.8	2.8	2.7	2.6	168		
176	6.7	6.2	5.8	5.1	4.6	4.4	3.3	3.8	3.6	2.7	2.5	2.4	176		
184	6.5	5.9	5.6	4.8	4.4	4.3	3.2	3.5	3.4	2.4	-	-	184		
192	6.3	5.7	5.5	4.6	4.2	4.1	3.1	3.2	3.2	-	-	-	192		
200	6.1	5.6	5.3	4.5	4.0	3.9	2.9	3.0	3.0	-	-	-	200		
208	5.8	5.4	5.2	4.3	3.9	3.7	2.8	2.8	2.8	-	-	-	208		
216	5.5	5.3	5.1	4.0	3.8	3.5	2.7	2.7	2.7	-	-	-	216		
224	5.1	4.9	4.9	3.8	3.6	3.5	2.5	2.5	2.5	-	-	-	224		
232	4.7	4.6	4.8	3.6	3.4	3.5	-	2.4	2.4	-	-	-	232		
240	4.2	4.3	4.5	3.2	3.2	3.4	-	2.3	2.3	-	-	-	240		
248	3.7	4.0	4.2	2.9	3.0	3.1	-	-	-	-	-	-	248		
256	3.3	3.7	4.0	-	2.9	2.9	-	-	-	-	-	-	256		
264	2.9	3.3	3.4	-	2.6	2.7	-	-	-	-	-	-	264		
272	-	2.9	2.9	-	-	-	-	-	-	-	-	-	272		
280	-	2.3	2.3	-	-	-	-	-	-	-	-	-	280		

109,800 lb		28.5 ft x 27.8 ft									360°			ASME B30.5	
47.6 ft		111.5 ft			131.2 ft			150.9 ft			170.6 ft				
ft	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	ft		
1,000 lb															
20	21.8	-	-	-	-	-	-	-	-	-	-	-	20		
24	21.2	-	-	19.9	-	-	-	-	-	-	-	-	24		
28	20.7	-	-	19.5	-	-	-	-	-	-	-	-	28		
32	20.2	-	-	18.9	-	-	17.4	-	-	-	-	-	32		
36	19.5	-	-	18.1	-	-	16.4	-	-	14.3	-	-	36		
40	18.8	-	-	17.3	-	-	15.5	-	-	13.5	-	-	40		
48	17.2	14.1	-	15.4	-	-	13.7	-	-	12.0	-	-	48		
56	15.3	13.0	-	13.6	12.6	-	12.1	-	-	10.7	-	-	56		
64	13.6	12.1	-	12.0	11.3	-	10.6	10.2	-	9.3	9.3	-	64		
72	12.2	11.3	9.5	10.6	10.2	-	9.5	9.1	-	8.2	8.2	-	72		
80	10.9	10.2	9.0	9.5	9.1	8.7	8.3	8.0	8.0	7.3	7.1	7.3	80		
88	9.9	9.2	8.7	8.5	8.2	8.0	7.4	7.2	7.2	6.3	6.3	6.4	88		
96	9.1	8.5	8.3	7.7	7.4	7.3	6.6	6.6	6.6	5.5	5.7	5.8	96		
104	8.3	7.8	7.8	6.9	6.7	6.7	5.8	5.8	5.8	4.9	4.9	5.1	104		
112	7.7	7.2	7.2	6.4	6.1	6.1	5.3	5.3	5.3	4.4	4.4	4.6	112		
120	6.9	6.8	-	5.8	5.7	5.6	4.7	4.7	4.8	3.8	3.9	4.1	120		
128	6.5	6.4	-	5.3	5.3	5.2	4.3	4.3	4.4	3.3	3.5	3.6	128		
136	6.1	6.0	-	4.9	4.8	-	3.9	3.9	4.0	2.9	3.1	3.2	136		
144	5.7	-	-	4.4	4.4	-	3.5	3.5	3.6	2.7	2.7	2.9	144		
152	-	-	-	4.2	4.2	-	3.1	3.3	-	-	2.4	2.6	152		
160	-	-	-	3.9	-	-	2.8	3.0	-	-	-	-	160		
168	-	-	-	-	-	-	2.6	2.7	-	-	-	-	168		
176	-	-	-	-	-	-	2.4	2.5	-	-	-	-	176		

109,800 lb		28.5 ft x 27.8 ft						360°			ASME B30.5		
145.0 ft													
ft	111.5 ft	131.2 ft			150.9 ft			170.6 ft			ft		
		0°	20°	40°	0°	20°	40°	0°	20°	40°			
1,000 lb													
40	17.2	-	-	-	-	-	-	-	-	-	-	-	40
48	16.6	-	-	15.2	-	-	-	-	-	-	-	-	48
56	16.1	-	-	14.4	-	-	12.2	-	-	10.0	-	-	56
64	15.5	-	-	13.4	-	-	11.4	-	-	9.2	-	-	64
72	14.6	12.4	-	12.6	-	-	10.6	-	-	8.6	-	-	72
80	13.7	11.8	-	11.6	10.2	-	9.8	8.9	-	7.9	7.4	-	80
88	12.7	11.0	9.0	10.8	9.4	-	9.0	8.2	-	7.3	6.9	-	88
96	12.1	10.3	8.9	10.1	8.8	8.1	8.3	7.5	7.0	6.8	6.3	-	96
104	11.3	9.8	8.6	9.4	8.2	7.6	7.8	6.9	6.5	6.2	5.8	5.5	104
112	10.5	9.2	8.3	8.8	7.7	7.0	7.0	6.4	6.1	5.7	5.3	5.1	112
120	9.8	8.7	7.9	8.0	7.2	6.7	6.5	6.0	5.7	5.2	4.9	4.7	120
128	9.3	8.3	7.6	7.5	6.8	6.3	6.1	5.6	5.3	4.8	4.5	4.3	128
136	8.7	7.8	7.3	7.0	6.3	6.0	5.6	5.2	4.9	4.3	4.1	4.0	136
144	8.4	7.5	7.1	6.6	6.0	5.7	5.1	4.9	4.6	4.0	3.8	3.8	144
152	7.9	7.0	6.8	6.1	5.7	5.5	4.8	4.4	4.4	3.5	3.5	3.5	152
160	7.4	6.7	6.5	5.8	5.4	5.2	4.3	4.1	4.1	3.2	3.2	3.2	160
168	7.1	6.5	6.3	5.4	5.2	4.9	4.1	3.8	3.8	3.0	3.0	3.0	168
176	6.7	6.2	6.0	5.1	4.9	4.7	3.8	3.6	3.6	2.7	2.7	2.7	176
184	6.4	5.9	5.8	4.8	4.6	4.5	3.5	3.4	3.3	2.4	-	2.4	184
192	6.1	5.7	5.5	4.6	4.4	4.4	3.2	3.2	3.1	-	-	-	192
200	5.8	5.6	5.3	4.3	4.1	4.1	3.0	3.0	2.9	-	-	-	200
208	5.6	5.4	-	4.0	3.9	-	2.8	2.8	2.8	-	-	-	208
216	5.3	5.3	-	3.8	3.8	-	2.7	2.7	2.7	-	-	-	216
224	5.0	5.1	-	3.6	3.6	-	2.4	2.4	-	-	-	-	224
232	4.7	4.1	-	3.5	3.5	-	-	-	-	-	-	-	232
240	4.3	3.7	-	3.4	3.4	-	-	-	-	-	-	-	240
248	3.4	-	-	3.2	2.8	-	-	-	-	-	-	-	248

242.5 ft													
ft	111.5 ft	131.2 ft			150.9 ft			170.6 ft			ft		
		0°	20°	40°	0°	20°*	40°*	0°*	20°*	40°*			
1,000 lb													
80	9.3	-	-	-	-	-	-	-	-	6.1	-	-	80
88	9.3	-	-	7.5	-	-	-	-	-	5.6	-	-	88
96	9.3	-	-	7.4	-	-	5.6	-	-	5.4	-	-	96
104	9.1	-	-	7.1	-	-	5.3	-	-	5.1	-	-	104
112	8.8	8.1	-	6.8	6.4	-	5.1	5.9	-	4.6	4.4	-	112
120	8.6	7.9	-	6.6	6.1	-	4.8	5.4	5.2	4.3	4.1	-	120
128	8.5	7.6	6.6	6.3	5.8	-	4.6	5.2	5.0	4.1	3.9	3.6	128
136	8.2	7.3	6.5	6.2	5.6	5.4	4.5	4.9	4.7	3.8	3.6	3.5	136
144	7.7	7.1	6.4	6.0	5.3	5.1	4.2	4.6	4.4	3.5	3.3	3.3	144
152	6.6	6.8	6.1	5.6	5.3	5.0	4.0	4.4	4.2	3.3	3.1	3.1	152
160	5.1	6.5	6.0	4.4	5.0	4.8	3.7	4.1	4.0	3.0	2.9	2.8	160
168	3.7	5.9	5.9	-	4.7	4.6	-	3.9	3.8	2.7	2.7	2.6	168
176	2.4	5.0	5.8	-	4.4	4.4	-	3.8	3.6	2.5	2.5	2.4	176
184	-	3.8	5.3	-	3.4	4.3	-	3.4	3.4	-	-	-	184
192	-	-	4.6	-	-	4.0	-	3.2	3.2	-	-	-	192
200	-	-	3.4	-	-	3.0	-	2.9	3.0	-	-	-	200
208	-	-	-	-	-	-	-	2.6	2.7	-	-	-	208
216	-	-	-	-	-	-	-	2.2	2.4	-	-	-	216

 *210.0 ft



206,800 lb		28.5 ft x 27.8 ft						360°			ASME B30.5			
47.6 ft														
ft	ft	80.1 ft			99.7 ft			119.4 ft			139.1 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
16		46.9	-	-	-	-	-	-	-	-	-	-	-	16
18		44.2	-	-	-	-	-	-	-	-	-	-	-	18
20		41.5	-	-	36.3	-	-	-	-	-	-	-	-	20
24		37.2	-	-	32.7	-	-	29.0	-	-	-	-	-	24
28		33.5	-	-	29.6	-	-	26.2	-	-	23.0	-	-	28
32		30.5	26.7	-	26.8	-	-	23.8	-	-	21.1	-	-	32
36		28.2	24.7	-	24.5	22.4	-	21.9	-	-	19.4	-	-	36
40		25.9	22.9	21.0	22.5	20.7	-	20.0	18.7	-	17.9	-	-	40
48		22.1	20.1	18.7	19.4	17.9	17.1	17.1	16.2	15.6	15.2	14.7	-	48
56		19.2	17.8	16.8	16.8	15.7	15.0	14.9	14.2	13.7	13.1	12.7	12.5	56
64		17.0	16.0	15.3	14.7	14.0	13.5	12.9	12.5	12.2	11.5	11.1	11.1	64
72		15.2	14.4	13.9	13.0	12.4	12.2	11.3	11.1	10.8	10.0	9.9	9.7	72
80		13.9	13.1	12.8	11.7	11.3	11.1	10.0	9.8	9.8	8.8	8.7	8.6	80
88		12.6	12.1	11.9	10.5	10.3	10.1	9.0	8.9	8.8	7.7	7.8	7.7	88
96		11.6	11.1	-	9.7	9.4	9.3	8.2	8.0	8.0	6.9	6.9	7.0	96
104		10.7	10.4	-	8.7	8.7	8.7	7.4	7.3	7.3	6.2	6.2	6.3	104
112		9.9	-	-	8.1	7.9	-	6.8	6.8	6.6	5.5	5.7	5.7	112
120		-	-	-	7.4	7.4	-	6.0	6.0	-	5.0	5.2	5.2	120
128		-	-	-	6.9	-	-	5.6	5.6	-	4.6	4.6	4.6	128
136		-	-	-	6.5	-	-	5.2	5.2	-	4.1	4.1	-	136
144		-	-	-	-	-	-	4.9	4.9	-	3.8	3.8	-	144
152		-	-	-	-	-	-	4.6	-	-	3.5	3.5	-	152
160		-	-	-	-	-	-	-	-	-	3.1	3.2	-	160
168		-	-	-	-	-	-	-	-	-	3.0	-	-	168
176		-	-	-	-	-	-	-	-	-	2.7	-	-	176

145.0 ft														
ft	ft	80.1 ft			99.7 ft			119.4 ft			139.1 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
40		30.9	-	-	25.6	-	-	-	-	-	-	-	-	40
48		28.0	-	-	23.2	-	-	19.2	-	-	-	-	-	48
56		25.6	21.3	-	21.0	18.3	-	17.6	-	-	14.4	-	-	56
64		23.4	19.7	17.6	19.1	16.8	-	16.0	14.4	-	13.2	-	-	64
72		21.4	18.3	16.6	17.5	15.5	14.1	14.6	13.3	12.4	12.1	11.3	-	72
80		20.0	17.2	15.7	16.1	14.4	13.3	13.3	12.2	11.3	11.1	10.4	9.8	80
88		18.5	16.2	14.7	15.0	13.4	12.5	12.3	11.2	10.6	10.1	9.4	9.1	88
96		17.2	15.2	14.1	13.8	12.6	11.7	11.3	10.4	9.9	9.3	8.8	8.4	96
104		16.0	14.4	13.3	12.9	11.8	11.1	10.5	9.8	9.3	8.7	8.0	7.8	104
112		14.9	13.6	12.8	11.9	11.0	10.6	9.7	9.0	8.6	7.9	7.5	7.2	112
120		14.1	12.9	12.2	11.1	10.4	10.0	8.9	8.5	8.3	7.3	6.9	6.7	120
128		13.3	12.3	11.7	10.5	9.7	9.5	8.4	7.9	7.7	6.6	6.4	6.3	128
136		12.7	11.8	11.3	9.8	9.2	8.9	7.8	7.4	7.2	6.1	5.9	5.9	136
144		11.9	11.3	10.8	9.3	8.8	8.6	7.3	6.9	6.8	5.7	5.5	5.5	144
152		11.4	10.7	10.5	8.7	8.3	8.1	6.8	6.6	6.5	5.3	5.0	5.0	152
160		10.9	10.3	10.3	8.3	8.0	7.9	6.4	6.2	6.1	4.9	4.8	4.8	160
168		10.4	9.9	8.7	8.0	7.6	7.6	6.0	5.8	5.8	4.5	4.5	4.5	168
176		10.0	9.5	8.0	7.6	7.3	7.3	5.8	5.6	5.6	4.2	4.2	4.2	176
184		9.7	9.4	-	7.2	7.0	6.6	5.5	5.3	5.3	4.0	4.0	4.0	184
192		9.4	9.0	-	6.8	6.8	-	5.2	5.0	4.8	3.7	3.7	3.7	192
200		9.2	8.9	-	6.5	6.5	-	4.8	4.7	4.7	3.4	3.4	3.4	200
208		7.8	-	-	6.3	6.3	-	4.6	4.6	-	3.2	3.2	-	208
216		7.1	-	-	6.2	6.2	-	4.4	4.4	-	3.1	3.1	-	216
224		-	-	-	6.0	4.3	-	4.3	4.2	-	2.8	2.8	-	224
232		-	-	-	3.9	-	-	4.1	3.4	-	2.6	2.6	-	232
240		-	-	-	3.6	-	-	4.0	3.2	-	2.5	2.5	-	240
248		-	-	-	-	-	-	3.8	-	-	2.4	2.3	-	248
256		-	-	-	-	-	-	-	-	-	2.4	-	-	256
264		-	-	-	-	-	-	-	-	-	2.3	-	-	264

206,800 lb		28.5 ft x 27.8 ft						360°			ASME B30.5			
242.5 ft														
ft	ft	80.1 ft			99.7 ft			119.4 ft			139.1 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
80		15.2	-	-	12.1	-	-	-	-	-	-	-	-	80
88		15.2	-	-	11.8	-	-	9.2	-	-	-	-	-	88
96		14.9	13.8	-	11.4	10.7	-	8.8	-	-	6.5	-	-	96
104		14.4	13.3	11.9	11.1	10.4	-	8.4	8.0	-	6.2	-	-	104
112		13.9	12.8	11.7	10.8	10.1	9.7	8.1	7.7	7.5	5.9	5.7	5.7	112
120		13.4	12.4	11.2	10.3	9.6	9.4	7.9	7.4	7.2	5.7	5.4	5.4	120
128		13.0	11.9	10.9	10.0	9.4	9.0	7.6	7.2	6.9	5.4	5.2	5.2	128
136		12.5	11.5	10.6	9.6	8.9	8.7	7.2	6.9	6.7	5.1	4.9	4.9	136
144		12.1	11.3	10.4	9.3	8.6	8.4	6.8	6.6	6.4	4.9	4.9	4.6	144
152		11.6	10.8	10.1	8.8	8.3	8.1	6.6	6.4	6.1	4.8	4.6	4.6	152
160		11.1	10.5	9.8	8.5	8.0	7.9	6.3	6.1	6.0	4.5	4.3	4.3	160
168		10.5	10.2	9.6	8.2	7.6	7.6	6.0	5.8	5.8	4.3	4.1	4.1	168
176		10.0	9.8	9.3	7.8	7.3	7.3	5.8	5.6	5.6	4.0	4.0	4.0	176
184		9.5	9.5	9.1	7.5	7.2	7.0	5.6	5.3	5.3	3.9	3.7	3.7	184
192		8.9	9.1	9.0	7.2	7.0	6.8	5.5	5.0	5.0	3.7	3.5	3.5	192
200		8.2	8.4	8.5	6.9	6.7	6.7	5.2	4.9	4.9	3.6	3.4	3.4	200
208		7.5	7.8	7.9	6.5	6.4	6.4	4.9	4.7	4.7	3.4	3.2	3.2	208
216		6.7	7.1	7.1	6.0	6.0	6.0	4.6	4.4	4.4	3.1	3.1	3.1	216
224		5.9	6.3	6.3	5.5	5.5	5.6	4.3	4.2	4.3	3.0	3.0	3.0	224
232		5.1	5.5	5.5	4.9	5.0	5.2	3.9	3.9	4.1	2.8	2.8	2.8	232
240		4.6	4.9	4.9	4.4	4.5	4.8	3.6	3.6	3.8	2.5	2.5	2.7	240
248		4.1	4.3	-	3.8	4.1	4.2	3.3	3.4	3.6	-	-	2.6	248
256		3.5	3.7	-	3.3	3.5	3.5	2.9	3.1	3.3	-	-	-	256
264		2.8	3.1	-	2.8	3.0	3.0	2.5	2.8	2.9	-	-	-	264

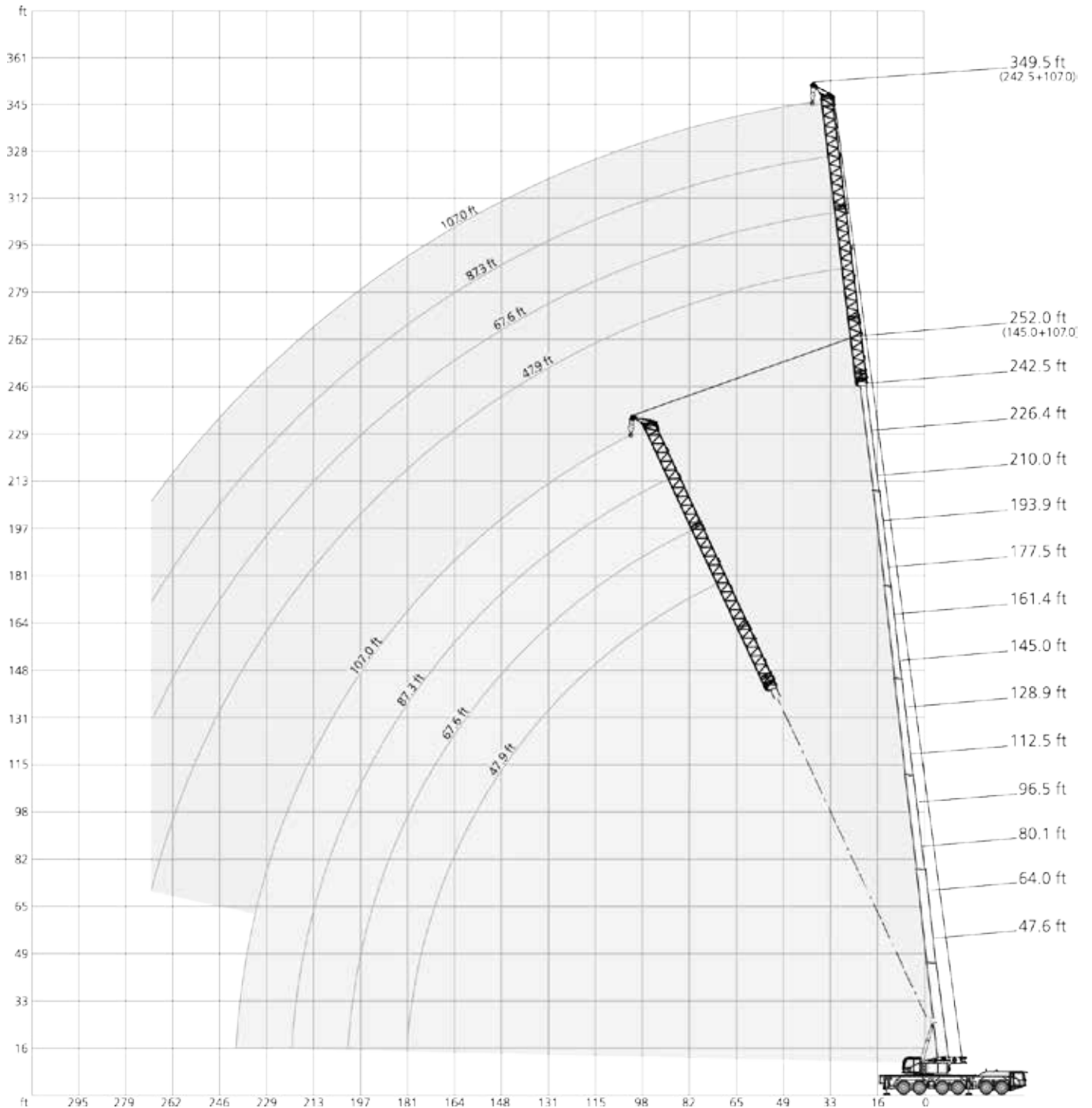
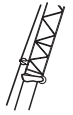
258.5 ft															
ft	ft	80.1 ft													ft
		0°	20°	40°											
1,000 lb															
80		12.1	-	-											80
88		12.1	-	-											88
96		12.1	-	-											96
104		12.1	12.1	-											104
112		12.1	12.1	10.1											112
120		12.1	11.6	9.9											120
128		12.0	11.4	9.8											128
136		11.7	11.1	9.5											136
144		11.3	10.6	9.3											144
152		11.0	10.3	9.2											152
160		10.5	10.1	9.0											160
168		10.0	9.8	8.8											168
176		9.4	9.5	8.6											176
184		8.6	8.9	8.4											184
192		7.8	8.2	8.0											192
200		7.1	7.4	7.5											200
208		6.4	6.7	6.9											208
216		5.8	6.0	6.2											216
224		5.1	5.5	5.7											224
232		4.5	4.9	5.1											232
240		3.9	4.2	4.4											240
248		3.4	3.6	3.8											248
256		-	3.1	3.3											256
264		-	2.5	2.6											264

109,800 lb		28.5 ft x 27.8 ft						360°			ASME B30.5			
47.6 ft														
ft	ft	80.1 ft			99.7 ft			119.4 ft			139.1 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
16		46.9	-	-	-	-	-	-	-	-	-	-	-	16
18		44.2	-	-	-	-	-	-	-	-	-	-	-	18
20		41.5	-	-	36.3	-	-	-	-	-	-	-	-	20
24		37.2	-	-	32.7	-	-	29.0	-	-	-	-	-	24
28		33.5	-	-	29.6	-	-	26.2	-	-	23.0	-	-	28
32		30.5	26.7	-	26.8	-	-	23.8	-	-	21.1	-	-	32
36		28.2	24.7	-	24.5	22.4	-	21.9	-	-	19.4	-	-	36
40		25.9	22.9	21.0	22.5	20.7	-	20.0	18.7	-	17.9	-	-	40
48		22.1	20.1	18.7	19.4	17.9	17.1	17.1	16.2	15.6	15.2	14.7	-	48
56		19.2	17.8	16.8	16.8	15.7	15.0	14.9	14.2	13.7	13.1	12.7	12.5	56
64		17.0	16.0	15.3	14.7	14.0	13.5	12.9	12.5	12.2	11.5	11.1	11.1	64
72		15.2	14.4	13.9	13.0	12.4	12.2	11.3	11.1	10.8	10.0	9.9	9.7	72
80		13.9	13.1	12.8	11.7	11.3	11.1	10.0	9.8	9.8	8.8	8.7	8.6	80
88		12.6	12.1	11.9	10.5	10.3	10.1	9.0	8.9	8.8	7.7	7.8	7.7	88
96		11.6	11.1	-	9.7	9.4	9.3	8.2	8.0	8.0	6.9	6.9	7.0	96
104		10.7	10.4	-	8.7	8.7	8.7	7.4	7.3	7.3	6.2	6.2	6.3	104
112		9.9	-	-	8.1	7.9	-	6.8	6.8	6.6	5.5	5.7	5.7	112
120		-	-	-	7.4	7.4	-	6.0	6.0	-	5.0	5.2	5.2	120
128		-	-	-	6.9	-	-	5.6	5.6	-	4.6	4.6	4.6	128
136		-	-	-	6.5	-	-	5.2	5.2	-	4.1	4.1	-	136
144		-	-	-	-	-	-	4.9	4.9	-	3.8	3.8	-	144
152		-	-	-	-	-	-	4.6	-	-	3.5	3.5	-	152
160		-	-	-	-	-	-	-	-	-	3.1	3.2	-	160
168		-	-	-	-	-	-	-	-	-	3.0	-	-	168
176		-	-	-	-	-	-	-	-	-	2.7	-	-	176




145.0 ft														
ft	ft	80.1 ft			99.7 ft			119.4 ft			139.1 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
40		30.9	-	-	25.6	-	-	-	-	-	-	-	-	40
48		28.0	-	-	23.2	-	-	19.2	-	-	-	-	-	48
56		25.6	21.3	-	21.0	18.3	-	17.6	-	-	14.4	-	-	56
64		23.4	19.7	17.6	19.1	16.8	-	16.0	14.4	-	13.2	-	-	64
72		21.4	18.3	16.6	17.5	15.5	14.1	14.6	13.3	12.4	12.1	11.3	-	72
80		20.0	17.2	15.7	16.1	14.4	13.3	13.3	12.2	11.3	11.1	10.4	9.8	80
88		18.5	16.2	14.7	15.0	13.4	12.5	12.3	11.2	10.6	10.1	9.4	9.1	88
96		17.2	15.2	14.1	13.8	12.6	11.7	11.3	10.4	9.9	9.3	8.8	8.4	96
104		16.0	14.4	13.3	12.9	11.8	11.1	10.5	9.8	9.3	8.7	8.0	7.8	104
112		14.9	13.6	12.8	11.9	11.0	10.6	9.7	9.0	8.6	7.9	7.5	7.2	112
120		14.1	12.9	12.2	11.1	10.4	10.0	8.9	8.5	8.3	7.3	6.9	6.7	120
128		13.3	12.3	11.7	10.5	9.7	9.5	8.4	7.9	7.7	6.6	6.4	6.3	128
136		12.7	11.8	11.3	9.8	9.2	8.9	7.8	7.4	7.2	6.1	5.9	5.9	136
144		11.9	11.3	10.8	9.3	8.8	8.6	7.3	6.9	6.8	5.7	5.5	5.5	144
152		11.4	10.7	10.5	8.7	8.3	8.1	6.8	6.6	6.5	5.3	5.0	5.0	152
160		10.9	10.3	10.3	8.3	8.0	7.9	6.4	6.2	6.1	4.9	4.8	4.8	160
168		10.3	9.9	8.7	8.0	7.6	7.6	6.0	5.8	5.8	4.5	4.5	4.5	168
176		9.8	9.5	8.0	7.6	7.3	7.3	5.8	5.6	5.6	4.2	4.2	4.2	176
184		8.8	8.8	-	7.0	6.8	6.6	5.4	5.3	5.3	4.0	4.0	4.0	184
192		8.2	8.2	-	6.8	6.6	-	5.0	5.0	4.8	3.7	3.7	3.7	192
200		7.5	7.6	-	6.5	6.3	-	4.7	4.7	4.7	3.4	3.4	3.4	200
208		6.9	-	-	6.2	6.1	-	4.5	4.5	-	3.2	3.2	-	208
216		6.2	-	-	5.8	6.0	-	4.2	4.2	-	2.9	2.9	-	216
224		-	-	-	5.2	4.3	-	4.1	4.1	-	2.7	2.7	-	224
232		-	-	-	3.9	-	-	3.9	3.4	-	2.6	2.6	-	232
240		-	-	-	3.6	-	-	3.8	3.2	-	2.5	2.5	-	240
248		-	-	-	-	-	-	3.0	-	-	2.3	2.3	-	248




109,800 lb		28.5 ft x 27.8 ft						360°			ASME B30.5			
242.5 ft														
ft	ft	80.1 ft			99.7 ft			119.4 ft			139.1 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
80		15.2	-	-	12.1	-	-	-	-	-	-	-	-	80
88		15.2	-	-	11.8	-	-	9.2	-	-	-	-	-	88
96		14.9	13.8	-	11.4	10.7	-	8.8	-	-	6.5	-	-	96
104		14.4	13.3	11.9	11.1	10.4	-	8.4	8.0	-	6.2	-	-	104
112		13.9	12.8	11.7	10.8	10.1	9.7	8.1	7.7	7.5	5.9	5.7	5.7	112
120		13.4	12.4	11.2	10.3	9.6	9.4	7.9	7.4	7.2	5.7	5.4	5.4	120
128		12.7	11.9	10.9	10.0	9.4	9.0	7.6	7.2	6.9	5.4	5.2	5.2	128
136		11.8	11.5	10.6	9.6	8.9	8.7	7.2	6.9	6.7	5.1	4.9	4.9	136
144		10.0	11.0	10.4	9.1	8.6	8.4	6.8	6.6	6.4	4.9	4.9	4.6	144
152		8.2	9.9	9.9	7.7	8.2	8.1	6.2	6.4	6.1	4.8	4.6	4.6	152
160		6.6	8.1	9.3	6.2	6.5	7.7	4.6	6.0	6.0	4.1	4.3	4.3	160
168		5.3	6.6	7.9	4.8	5.1	6.5	-	5.0	5.6	-	3.8	4.1	168
176		3.9	5.3	6.4	3.5	3.7	5.1	-	3.5	4.7	-	3.0	4.0	176
184		-	4.0	5.0	-	-	3.7	-	-	3.6	-	-	-	184




258.5 ft															
ft	ft	80.1 ft													ft
		0°	20°	40°											
1,000 lb															
80		12.1	-	-											80
88		12.1	-	-											88
96		12.1	-	-											96
104		12.1	12.1	-											104
112		12.1	12.1	10.1											112
120		12.1	11.6	9.9											120
128		11.7	11.4	9.8											128
136		10.0	11.1	9.5											136
144		7.8	9.8	9.3											144
152		6.2	7.9	9.1											152
160		4.6	6.3	7.6											160
168		-	4.8	6.1											168
176		-	3.5	4.6											176
184		-	-	3.3											184



206,800 lb  **28.5 ft x 27.8 ft** **360°** **ASME B30.5**



 47.6 ft					
		47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°					
ft	1,000 lb				
14	60.6	-	-	-	-
16	56.9	-	-	-	-
18	53.8	46.4	-	-	-
20	50.7	43.5	38.5	-	-
24	45.8	39.0	34.4	-	-
28	41.6	35.2	31.0	27.6	-
32	38.0	32.1	28.1	25.0	-
36	34.7	29.6	25.7	22.9	-
40	31.6	27.2	23.6	20.9	-
48	26.7	23.4	20.4	18.0	-
56	22.8	20.5	17.7	15.8	-
64	19.8	18.3	15.6	13.7	-
72	17.5	16.6	13.9	11.9	-
80	15.4	15.0	12.6	10.8	-
88	-	13.7	11.4	9.6	-
96	-	12.7	10.5	8.8	-
104	-	12.0	9.6	8.0	-
112	-	-	8.8	7.2	-
120	-	-	8.3	6.7	-
128	-	-	-	6.2	-
136	-	-	-	5.8	-
144	-	-	-	5.5	-

 145.0 ft					
		47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°					
ft	1,000 lb				
36	44.9	-	-	-	-
40	42.7	33.7	27.8	-	-
48	39.0	30.5	24.9	21.0	-
56	35.7	27.8	22.6	19.0	-
64	33.0	25.6	20.7	17.3	-
72	30.3	23.6	19.0	15.7	-
80	27.6	22.0	17.6	14.4	-
88	25.4	20.4	16.4	13.3	-
96	23.5	18.9	15.2	12.4	-
104	21.8	17.8	14.0	11.6	-
112	20.4	16.7	13.2	10.8	-
120	19.1	15.9	12.4	10.0	-
128	18.1	15.1	11.7	9.3	-
136	17.2	14.3	11.0	8.7	-
144	16.1	13.7	10.4	8.2	-
152	15.4	13.2	9.9	7.7	-
160	14.7	12.6	9.5	7.3	-
168	14.1	12.1	9.1	6.9	-
176	13.7	11.7	8.7	6.5	-
184	8.4	11.5	8.3	6.2	-
192	-	10.8	7.9	5.9	-
200	-	9.7	7.8	5.6	-
208	-	-	7.6	5.4	-
216	-	-	7.5	5.3	-
224	-	-	4.7	5.2	-
232	-	-	-	5.1	-
240	-	-	-	5.1	-



 242.5 ft					
		47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°					
ft	1,000 lb				
80	22.5	18.0	14.2	-	-
88	22.5	17.7	13.7	10.6	-
96	22.1	17.0	13.3	10.2	-
104	21.3	16.4	12.9	9.8	-
112	20.5	15.8	12.3	9.5	-
120	19.7	15.3	11.8	9.2	-
128	18.7	14.8	11.5	8.8	-
136	17.7	14.2	10.9	8.4	-
144	16.4	13.9	10.6	8.2	-
152	15.0	13.1	10.1	7.7	-
160	13.7	12.4	9.8	7.4	-
168	12.5	11.7	9.3	7.1	-
176	11.4	10.9	9.1	6.7	-
184	10.3	10.1	8.8	6.4	-
192	9.3	9.3	8.5	6.1	-
200	8.5	8.5	8.1	6.0	-
208	7.7	7.7	7.5	5.7	-
216	6.9	6.9	6.7	5.3	-
224	6.2	6.1	6.0	4.9	-
232	5.5	5.4	5.3	4.5	-
240	4.9	4.8	4.6	4.1	-
248	4.1	4.2	4.1	3.7	-
256	3.5	3.5	3.5	3.3	-
264	3.1	2.7	3.0	2.8	-

109,800 lb  **28.5 ft x 27.8 ft** **360°** **ASME B30.5**



47.6 ft

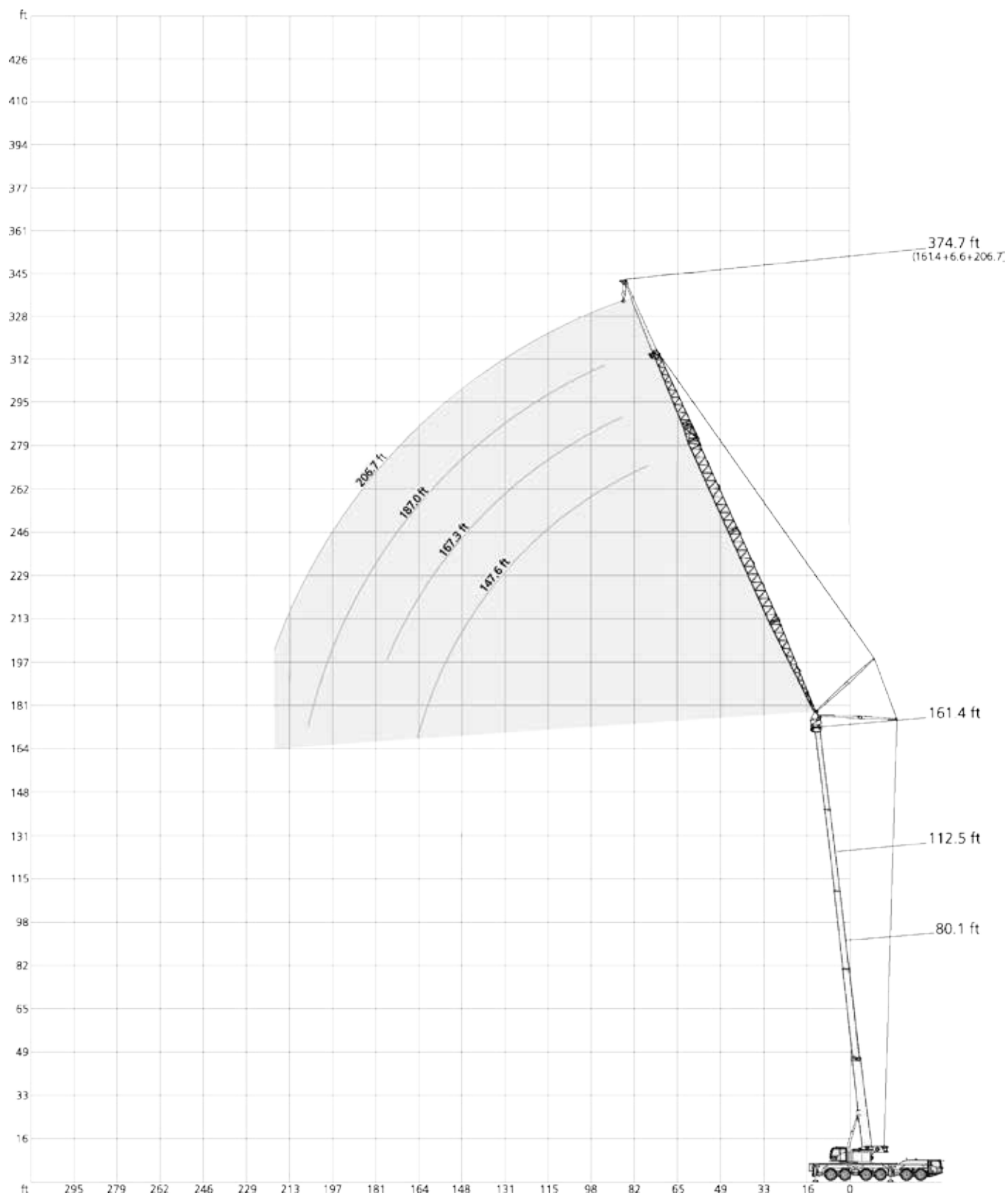
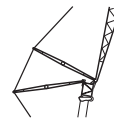
	 47.9 ft	 67.6 ft	87.3 ft	107.0 ft
0°				
ft	1,000 lb			
14	60.6	-	-	-
16	56.9	-	-	-
18	53.8	46.4	-	-
20	50.7	43.5	38.5	-
24	45.8	39.0	34.4	-
28	41.6	35.2	31.0	27.6
32	38.0	32.1	28.1	25.0
36	34.7	29.6	25.7	22.9
40	31.6	27.2	23.6	20.9
48	26.7	23.4	20.4	18.0
56	22.8	20.5	17.7	15.8
64	19.8	18.3	15.6	13.7
72	17.5	16.6	13.9	11.9
80	15.4	15.0	12.6	10.8
88	-	13.7	11.4	9.6
96	-	12.7	10.5	8.8
104	-	12.0	9.6	8.0
112	-	-	8.8	7.2
120	-	-	8.3	6.7
128	-	-	-	6.2
136	-	-	-	5.8
144	-	-	-	5.5

145.0 ft

	 47.9 ft	 67.6 ft	87.3 ft	107.0 ft
0°				
ft	1,000 lb			
36	44.9	-	-	-
40	42.7	33.7	27.8	-
48	39.0	30.5	24.9	21.0
56	35.7	27.8	22.6	19.0
64	33.0	25.6	20.7	17.3
72	30.3	23.6	19.0	15.7
80	27.6	22.0	17.6	14.4
88	25.4	20.4	16.4	13.3
96	23.5	18.9	15.2	12.4
104	21.8	17.8	14.0	11.6
112	20.4	16.7	13.2	10.8
120	19.1	15.9	12.4	10.0
128	17.7	15.1	11.7	9.3
136	16.6	14.3	11.0	8.7
144	15.7	13.7	10.4	8.2
152	13.9	12.9	9.9	7.7
160	12.6	12.3	9.4	7.3
168	11.7	11.2	8.8	6.9
176	10.3	9.8	8.4	6.5
184	8.4	9.1	8.1	6.2
192	-	8.4	7.7	5.9
200	-	7.7	7.4	5.6
208	-	-	6.8	5.2
216	-	-	6.2	5.1
224	-	-	4.7	4.8
232	-	-	-	4.6
240	-	-	-	4.3

242.5 ft

	 47.9 ft	 67.6 ft	87.3 ft	107.0 ft
0°				
ft	1,000 lb			
80	22.5	18.0	14.2	-
88	22.5	17.7	13.7	10.6
96	22.1	17.0	13.3	10.2
104	21.3	16.4	12.9	9.8
112	19.4	15.8	12.3	9.5
120	17.7	15.1	11.8	9.2
128	15.0	14.2	11.5	8.8
136	12.6	12.2	10.7	8.4
144	10.5	10.0	10.0	8.2
152	8.3	8.3	8.2	6.4
160	6.5	6.6	6.5	4.8
168	5.0	5.3	5.1	-
176	3.5	3.9	3.7	-



360°													ASME B30.5
80.1 ft													
	147.6 ft			167.3 ft			187.0 ft			206.7 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft	1,000 lb												ft
56	14.6	-	-	13.7	-	-	-	-	-	-	-	-	56
64	14.0	-	-	13.1	-	-	12.0	-	-	-	-	-	64
72	13.2	-	-	12.6	-	-	11.5	-	-	10.1	-	-	72
80	12.7	-	-	12.0	-	-	11.2	-	-	9.9	-	-	80
88	12.2	-	-	11.6	-	-	10.7	-	-	9.6	-	-	88
96	11.6	12.3	-	11.2	-	-	10.4	-	-	9.3	-	-	96
104	11.1	11.8	-	10.8	11.3	-	10.2	-	-	9.1	-	-	104
112	10.6	11.2	-	10.6	10.8	-	9.9	10.1	-	8.8	-	-	112
120	10.0	10.9	11.3	10.1	10.5	-	9.6	9.9	-	8.8	8.8	-	120
128	9.5	10.4	10.9	9.8	10.2	-	9.4	9.6	-	8.5	8.7	-	128
136	8.9	9.8	10.5	9.5	10.0	10.2	9.1	9.3	-	8.2	8.4	-	136
144	8.4	9.3	9.9	9.3	9.7	9.9	9.0	9.1	9.3	8.2	8.4	-	144
152	-	8.8	9.4	8.8	9.4	9.7	8.8	9.0	9.0	7.9	8.2	-	152
160	-	8.4	9.1	8.5	9.0	9.4	8.6	8.7	9.0	7.9	7.9	8.1	160
168	-	-	8.6	-	8.7	9.1	8.5	8.5	8.8	7.9	7.9	7.9	168
176	-	-	-	-	8.4	8.9	8.4	8.4	8.6	7.7	7.7	7.7	176
184	-	-	-	-	-	8.6	-	8.4	8.4	7.7	7.7	7.7	184
192	-	-	-	-	-	-	-	8.2	8.3	7.7	7.7	7.7	192
200	-	-	-	-	-	-	-	8.2	8.2	7.7	7.6	7.6	200
208	-	-	-	-	-	-	-	-	8.2	-	7.5	7.5	208
216	-	-	-	-	-	-	-	-	-	-	7.5	7.5	216
224	-	-	-	-	-	-	-	-	-	-	-	7.5	224

112.5 ft													
	147.6 ft			167.3 ft			187.0 ft			206.7 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft	1,000 lb												ft
56	14.1	-	-	-	-	-	-	-	-	-	-	-	56
64	13.6	-	-	12.5	-	-	-	-	-	-	-	-	64
72	13.0	-	-	12.1	-	-	10.8	-	-	9.5	-	-	72
80	12.5	-	-	11.6	-	-	10.5	-	-	9.2	-	-	80
88	11.9	-	-	11.3	-	-	10.3	-	-	9.0	-	-	88
96	11.4	-	-	10.9	-	-	10.0	-	-	8.9	-	-	96
104	11.1	11.8	-	10.6	-	-	9.7	-	-	8.6	-	-	104
112	10.6	11.2	-	10.1	10.6	-	9.5	-	-	8.4	-	-	112
120	10.0	10.9	-	9.9	10.3	-	9.3	-	-	8.3	-	-	120
128	9.6	10.5	-	9.6	10.0	-	8.9	9.3	-	8.2	8.2	-	128
136	9.2	10.2	-	9.3	9.8	-	8.8	9.1	-	7.9	8.0	-	136
144	8.6	9.7	10.4	9.1	9.5	-	8.6	8.8	-	7.7	7.9	-	144
152	-	9.4	9.9	8.8	9.2	9.4	8.4	8.6	-	7.7	7.7	-	152
160	-	9.0	9.6	8.5	9.0	9.3	8.4	8.4	-	7.5	7.6	-	160
168	-	8.6	9.3	-	8.8	9.1	8.3	8.3	8.5	7.5	7.5	-	168
176	-	-	8.9	-	8.6	8.9	8.2	8.2	8.2	7.3	7.3	7.5	176
184	-	-	8.6	-	8.4	8.7	8.0	8.0	8.2	7.3	7.3	7.4	184
192	-	-	-	-	-	8.6	-	7.9	8.1	7.3	7.2	7.2	192
200	-	-	-	-	-	8.4	-	7.9	8.0	7.3	7.1	7.1	200
208	-	-	-	-	-	-	-	7.9	7.9	-	7.1	7.1	208
216	-	-	-	-	-	-	-	-	7.9	-	7.1	7.1	216
224	-	-	-	-	-	-	-	-	-	-	7.1	7.1	224
232	-	-	-	-	-	-	-	-	-	-	-	7.1	232
240	-	-	-	-	-	-	-	-	-	-	-	7.1	240

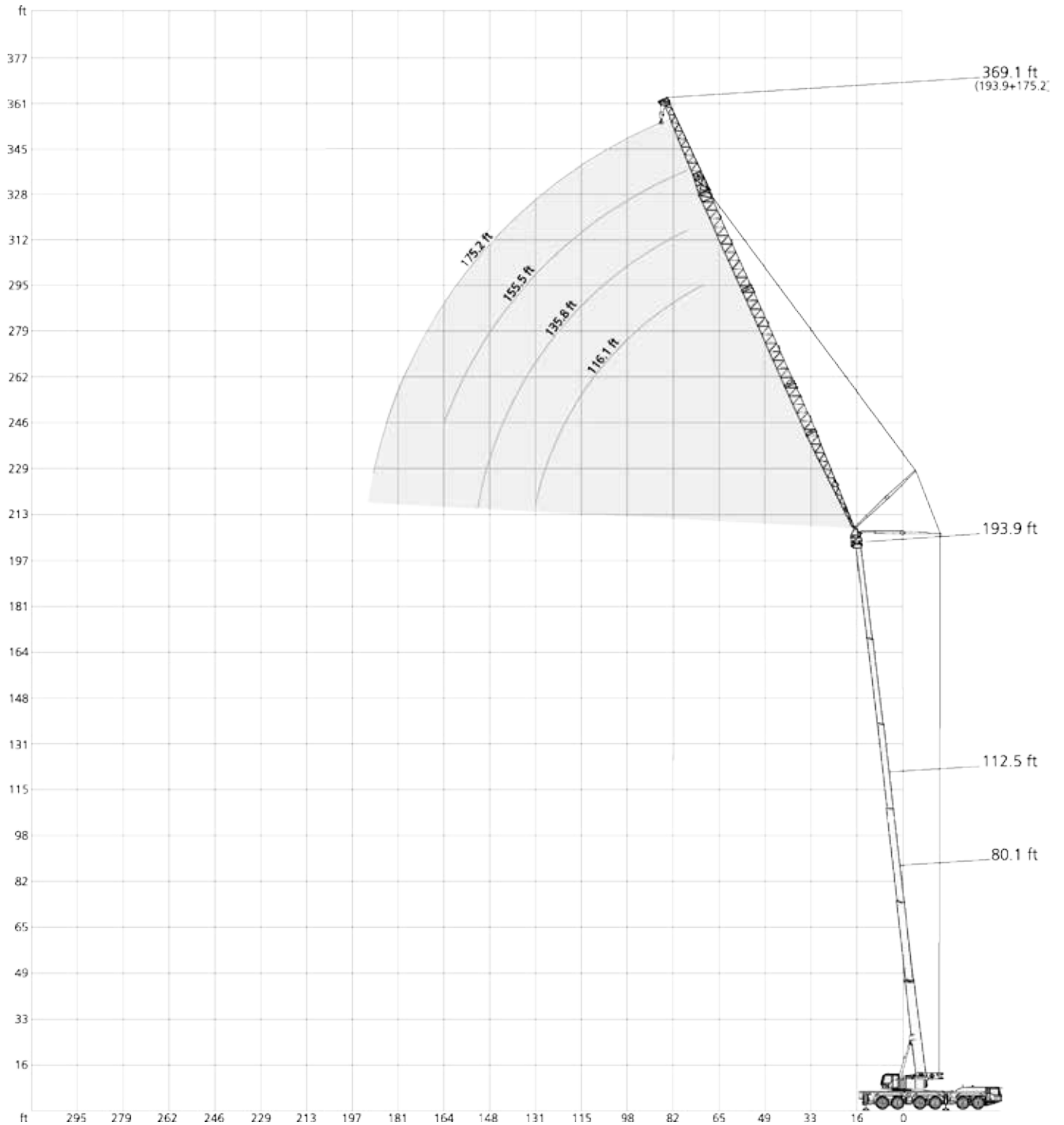
85,800 lb 109,800 lb 158,300 lb

360°													ASME B30.5
145.0 ft													
ft	147.6 ft			167.3 ft			187.0 ft			206.7 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb													
64	12.7	-	-	-	-	-	-	-	-	-	-	-	64
72	12.4	-	-	11.2	-	-	-	-	-	-	-	-	72
80	11.8	-	-	10.8	-	-	9.7	-	-	-	-	-	80
88	11.4	-	-	10.5	-	-	9.4	-	-	-	8.1	-	88
96	11.0	-	-	10.2	-	-	9.1	-	-	-	7.9	-	96
104	10.6	-	-	10.0	-	-	9.0	-	-	-	7.7	-	104
112	10.3	-	-	9.7	-	-	8.8	-	-	-	7.7	-	112
120	9.9	10.5	-	9.4	-	-	8.5	-	-	-	7.5	-	120
128	9.6	10.2	-	9.3	9.5	-	8.4	-	-	-	7.4	-	128
136	9.3	10.0	-	8.9	9.3	-	8.2	-	-	-	7.3	-	136
144	8.8	9.7	-	8.8	9.1	-	8.2	8.2	-	-	7.1	-	144
152	8.5	9.4	-	8.6	8.8	-	7.9	8.1	-	-	7.0	7.1	152
160	-	9.2	9.6	8.4	8.7	-	7.9	7.9	-	-	6.8	7.0	160
168	-	8.9	9.3	8.2	8.5	-	7.7	7.9	-	-	6.8	6.8	168
176	-	8.6	9.1	8.2	8.4	8.6	7.7	7.7	-	-	6.8	6.8	176
184	-	-	8.8	-	8.3	8.4	7.7	7.5	7.7	-	6.7	6.7	184
192	-	-	8.6	-	8.1	8.2	-	7.5	7.5	-	6.6	6.6	192
200	-	-	8.4	-	8.0	8.2	-	7.5	7.3	-	6.6	6.6	200
208	-	-	-	-	8.1	8.1	-	7.5	7.3	-	6.6	6.5	208
216	-	-	-	-	-	7.9	-	7.5	7.3	-	6.6	6.4	216
224	-	-	-	-	-	-	-	-	7.3	-	-	6.4	224
232	-	-	-	-	-	-	-	-	7.3	-	-	6.4	232
240	-	-	-	-	-	-	-	-	7.3	-	-	6.4	240
248	-	-	-	-	-	-	-	-	-	-	-	6.4	248

193.9 ft													
ft	147.6 ft			167.3 ft			187.0 ft			206.7 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°*	73°*	65°*	
1,000 lb													
80	9.0	-	-	-	-	-	-	-	-	-	-	-	80
88	8.8	-	-	7.3	-	-	-	-	-	-	7.3	-	88
96	8.7	-	-	7.3	-	-	5.5	-	-	-	7.1	-	96
104	8.4	-	-	7.3	-	-	5.5	-	-	-	7.1	-	104
112	8.2	-	-	7.3	-	-	5.5	-	-	-	6.8	-	112
120	8.1	-	-	7.1	-	-	5.4	-	-	-	6.8	-	120
128	7.9	-	-	6.9	-	-	5.3	-	-	-	6.7	-	128
136	7.8	-	-	6.8	-	-	5.3	-	-	-	6.6	-	136
144	7.7	-	-	6.8	-	-	5.3	-	-	-	6.6	-	144
152	7.5	7.7	-	6.6	-	-	5.3	-	-	-	6.4	-	152
160	7.5	7.6	-	6.6	-	-	5.3	-	-	-	6.4	6.2	160
168	-	7.4	-	6.6	6.5	-	5.3	-	-	-	6.3	6.2	168
176	-	7.3	-	6.6	6.4	-	5.3	5.3	-	-	6.2	6.2	176
184	-	7.3	-	-	6.4	-	5.3	5.3	-	-	6.2	6.1	184
192	-	-	-	-	6.4	-	5.3	5.3	-	-	6.2	6.0	192
200	-	-	-	-	6.2	-	5.3	5.1	-	-	6.2	6.0	200
208	-	-	6.0	-	6.2	-	-	5.1	-	-	6.2	6.0	208
216	-	-	5.7	-	6.2	-	-	5.1	-	-	6.2	6.0	216
224	-	-	-	-	-	4.4	-	4.9	-	-	-	6.0	224
232	-	-	-	-	-	4.1	-	-	-	3.3	-	6.0	232
240	-	-	-	-	-	4.0	-	-	-	3.1	-	6.0	240
248	-	-	-	-	-	-	-	-	-	2.9	-	-	248
256	-	-	-	-	-	-	-	-	-	-	-	5.5	256
264	-	-	-	-	-	-	-	-	-	-	-	5.5	264

85,800 lb 109,800 lb 158,300 lb 206,800 lb

 * 161.4 ft



360°													ASME B30.5									
80.1 ft																						
116.1 ft													135.8 ft			155.5 ft			175.2 ft			
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°			
ft	1,000 lb											ft										
48	36.2	-	-	30.1	-	-	-	-	-	-	-	-	48									
56	33.8	-	-	29.3	-	-	23.1	-	-	-	-	18.1	56									
64	31.0	-	-	28.6	-	-	22.6	-	-	-	-	17.5	64									
72	28.1	-	-	27.6	-	-	22.3	-	-	-	-	17.2	72									
80	25.6	30.0	-	26.2	-	-	21.7	-	-	-	-	16.9	80									
88	23.4	27.4	-	24.8	26.3	-	21.3	-	-	-	-	16.6	88									
96	21.7	25.1	-	23.3	25.4	-	20.9	20.7	-	-	-	16.2	96									
104	20.0	23.0	25.8	22.0	24.2	-	20.5	20.1	-	-	-	15.9	104									
112	18.7	21.3	23.7	20.7	22.8	-	20.3	19.8	-	-	-	15.6	112									
120	-	19.7	21.9	19.4	21.5	23.3	19.9	19.4	-	-	-	15.4	120									
128	-	18.5	20.3	18.5	20.3	21.9	19.1	19.3	18.8	-	-	15.1	128									
136	-	-	19.0	-	19.2	20.7	18.4	18.9	18.4	-	-	14.9	136									
144	-	-	17.9	-	18.3	19.5	17.7	18.5	18.1	-	-	14.6	144									
152	-	-	-	-	-	18.6	17.1	18.2	18.1	-	-	14.5	152									
160	-	-	-	-	-	17.7	-	17.6	18.0	-	-	14.2	160									
168	-	-	-	-	-	-	-	-	17.7	-	-	13.9	168									
176	-	-	-	-	-	-	-	-	17.3	-	-	-	176									
184	-	-	-	-	-	-	-	-	-	-	-	14.1	184									
192	-	-	-	-	-	-	-	-	-	-	-	13.4	192									
200	-	-	-	-	-	-	-	-	-	-	-	13.4	200									

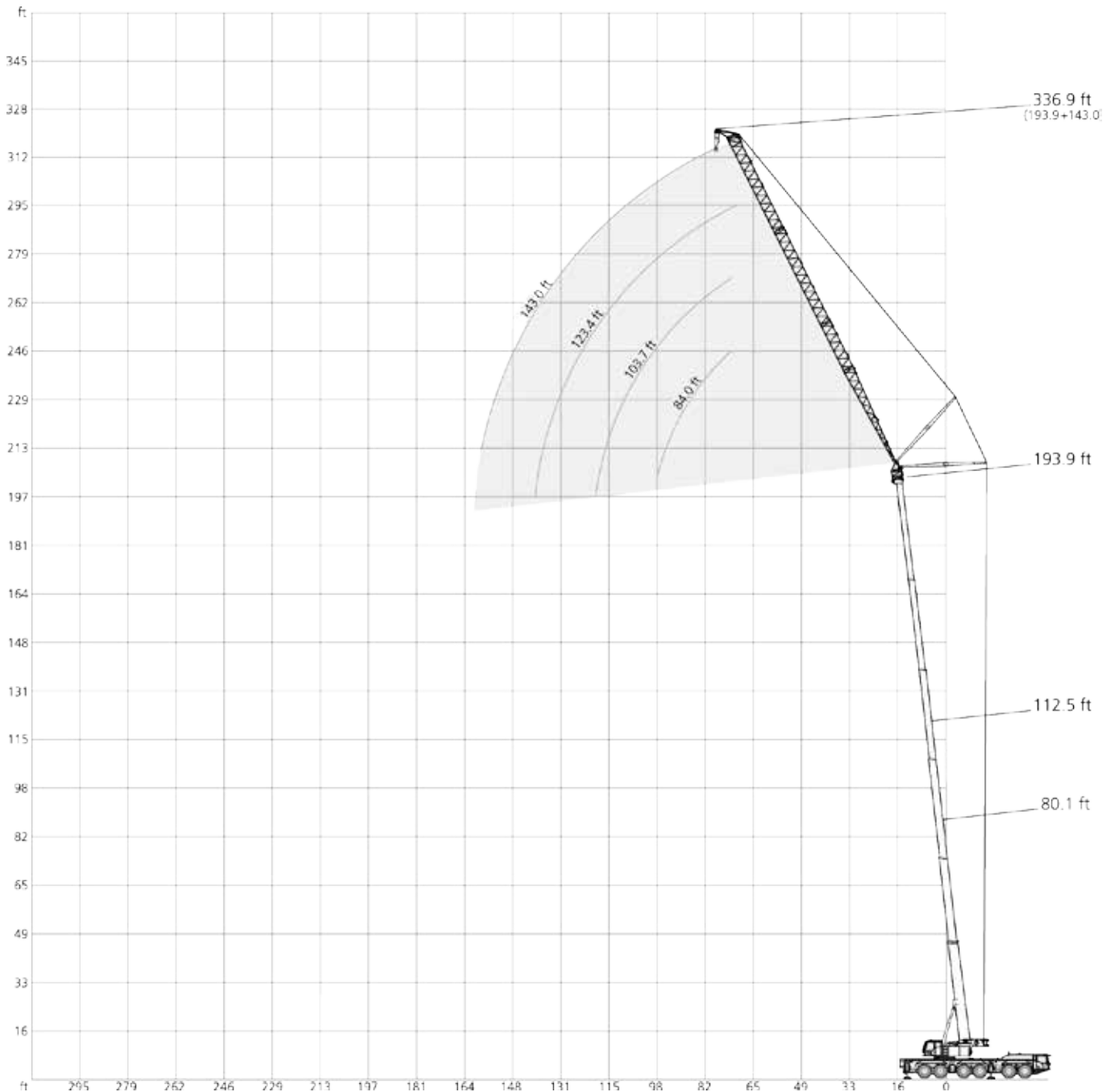
112.5 ft																						
116.1 ft													135.8 ft			155.5 ft			175.2 ft			
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°			
ft	1,000 lb											ft										
48	33.2	-	-	-	-	-	-	-	-	-	-	-	48									
56	32.2	-	-	25.9	-	-	20.3	-	-	-	-	-	56									
64	30.7	-	-	25.5	-	-	20.0	-	-	-	-	15.4	64									
72	28.7	-	-	25.1	-	-	19.6	-	-	-	-	15.2	72									
80	26.3	-	-	24.6	-	-	19.4	-	-	-	-	14.7	80									
88	24.3	-	-	24.3	-	-	19.1	-	-	-	-	14.6	88									
96	22.4	27.2	-	23.3	-	-	18.8	-	-	-	-	14.4	96									
104	20.7	25.2	-	22.0	23.0	-	18.6	-	-	-	-	14.1	104									
112	19.3	23.3	-	20.9	22.5	-	18.3	17.8	-	-	-	13.9	112									
120	18.2	21.4	-	19.8	21.9	-	18.0	17.6	-	-	-	13.7	120									
128	-	20.1	23.0	18.7	21.0	-	17.9	17.3	-	-	-	13.6	128									
136	-	18.8	21.3	17.8	20.1	21.1	17.7	17.0	-	-	-	13.4	136									
144	-	17.7	19.9	17.0	19.2	20.5	17.4	17.0	-	-	-	13.2	144									
152	-	-	18.6	-	18.2	20.0	17.1	17.0	16.3	-	-	13.2	152									
160	-	-	-	-	17.5	19.1	16.6	17.0	16.1	-	-	12.9	160									
168	-	-	-	-	-	18.1	-	16.9	16.1	-	-	12.7	168									
176	-	-	-	-	-	17.3	-	16.8	16.1	-	-	12.6	176									
184	-	-	-	-	-	-	-	-	16.1	-	-	-	184									
192	-	-	-	-	-	-	-	-	-	-	-	12.8	192									
200	-	-	-	-	-	-	-	-	-	-	-	12.8	200									
208	-	-	-	-	-	-	-	-	-	-	-	-	208									
216	-	-	-	-	-	-	-	-	-	-	-	12.1	216									

58,800 lb 85,800 lb 109,800 lb 158,300 lb

360°													ASME B30.5								
145.0 ft																					
116.1 ft													135.8 ft			155.5 ft			175.2 ft		
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°		
ft	1,000 lb											ft									
56	26.9	-	-	-	-	-	-	-	-	-	-	-	56								
64	26.5	-	-	21.1	-	-	-	-	-	-	-	-	64								
72	26.2	-	-	20.7	-	-	16.8	-	-	-	-	13.2	72								
80	25.2	-	-	20.5	-	-	16.5	-	-	-	-	13.0	80								
88	24.2	-	-	20.2	-	-	16.2	-	-	-	-	12.7	88								
96	22.8	-	-	20.1	-	-	16.0	-	-	-	-	12.4	96								
104	21.3	-	-	19.9	-	-	15.9	-	-	-	-	12.2	104								
112	20.0	23.6	-	19.8	-	-	15.6	-	-	-	-	12.1	112								
120	18.7	22.9	-	19.4	18.9	-	15.4	-	-	-	-	11.8	120								
128	-	21.7	-	18.6	18.6	-	15.3	14.9	-	-	-	11.7	128								
136	-	20.4	-	18.0	18.5	-	15.2	14.6	-	-	-	11.5	136								
144	-	19.2	-	17.2	18.3	-	15.0	14.3	-	-	-	11.5	144								
152	-	-	21.0	-	18.2	-	15.0	14.3	-	-	-	11.2	152								
160	-	-	19.7	-	17.8	17.3	14.8	14.2	-	-	-	11.2	160								
168	-	-	-	-	-	17.2	-	14.1	13.7	-	-	11.2	168								
176	-	-	-	-	-	17.2	-	14.1	13.5	-	-	11.0	176								
184	-	-	-	-	-	17.1	-	14.1	13.4	-	-	10.8	184								
192	-	-	-	-	-	-	-	-	13.4	-	-	10.8	192								
200	-	-	-	-	-	-	-	-	13.4	-	-	10.8	200								
208	-	-	-	-	-	-	-	-	-	-	-	10.1	208								
216	-	-	-	-	-	-	-	-	-	-	-	10.1	216								
224	-	-	-	-	-	-	-	-	-	-	-	10.1	224								

193.9 ft																					
116.1 ft													135.8 ft			155.5 ft			175.2 ft		
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°		
ft	1,000 lb											ft									
72	15.0	-	-	-	-	-	-	-	-	-	-	-	72								
80	14.8	-	-	11.7	-	-	9.0	-	-	-	-	-	80								
88	14.8	-	-	11.6	-	-	8.9	-	-	-	-	6.6	88								
96	14.8	-	-	11.5	-	-	8.8	-	-	-	-	6.5	96								
104	14.6	-	-	11.5	-	-	8.8	-	-	-	-	6.4	104								
112	14.5	-	-	11.5	-	-	8.8	-	-	-	-	6.4	112								
120	14.3	-	-	11.5	-	-	8.8	-	-	-	-	6.4	120								
128	14.2	-	-	11.4	-	-	8.8	-	-	-	-	6.4	128								
136	-	-	-	11.2	-	-	8.8	-	-	-	-	6.4	136								
144	-	13.2	-	11.2	-	-	8.8	-	-	-	-	6.4	144								
152	-	12.7	-	-	10.8	-	8.8	-	-	-	-	6.4	152								
160	-	12.2	-	-	10.5	-	8.6	8.4	-	-	-	6.4	160								
168	-	-	-	-	10.2	-	-	8.3	-	-	-	6.4	168								
176	-	-	-	-	9.8	-	-	8.2	-	-	-	6.4	176								
184	-	-	8.7	-	-	-	-	7.9	-	-	-	6.4	184								
192	-	-	-	-	-	-	-	7.7	-	-	-	5.9	192								
200	-	-	-	-	-	6.7	-	7.4	-	-	-	5.8	200								
208	-	-	-	-	-	-	-	-	-	5.3	-	5.7	208								
216	-	-	-	-	-	-	-	-	-	5.1	-	5.5	216								
224	-	-	-	-	-	-	-	-	-	4.8	-	-	224								
232	-	-	-	-	-	-	-	-	-	-	-	3.7	232								
240	-	-	-	-	-	-	-	-	-	-	-	3.2	240								

- 58,800 lb
- 85,800 lb
- 109,800 lb
- 158,300 lb
- 206,800 lb



360°													ASME B30.5		
80.1 ft															
ft	84.0 ft			103.7 ft			123.4 ft			143.0 ft			ft		
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°			
1,000 lb													ft		
40	-	-	-	47.3	-	-	-	-	-	-	-	-	40		
48	62.1	-	-	45.9	-	-	35.2	-	-	-	-	-	48		
56	60.6	-	-	44.4	-	-	34.1	-	-	-	26.3	-	56		
64	59.7	-	-	43.4	-	-	33.2	-	-	-	25.5	-	64		
72	58.9	-	-	42.6	-	-	32.4	-	-	-	24.7	-	72		
80	55.3	53.0	-	42.0	40.0	-	31.7	-	-	-	24.2	-	80		
88	-	52.7	-	41.4	39.0	-	31.2	30.4	-	-	23.6	-	88		
96	-	52.7	47.6	40.2	38.3	-	30.8	29.6	-	-	23.1	22.9	96		
104	-	-	47.4	36.5	38.1	36.1	30.3	28.9	-	-	22.6	22.1	104		
112	-	-	-	-	38.1	35.5	29.7	28.4	27.7	-	22.0	21.8	112		
120	-	-	-	-	-	35.5	28.5	28.4	27.2	-	21.5	21.4	120		
128	-	-	-	-	-	35.5	-	28.4	26.9	-	20.7	21.1	20.6	128	
136	-	-	-	-	-	-	-	28.4	26.7	-	20.3	20.8	20.2	136	
144	-	-	-	-	-	-	-	-	26.7	-	20.1	20.3	20.1	144	
152	-	-	-	-	-	-	-	-	-	-	-	20.0	19.8	152	
160	-	-	-	-	-	-	-	-	-	-	-	-	19.8	160	

- 42,300 lb
- 58,800 lb
- 85,800 lb
- 109,800 lb
- 158,300 lb
- 206,800 lb

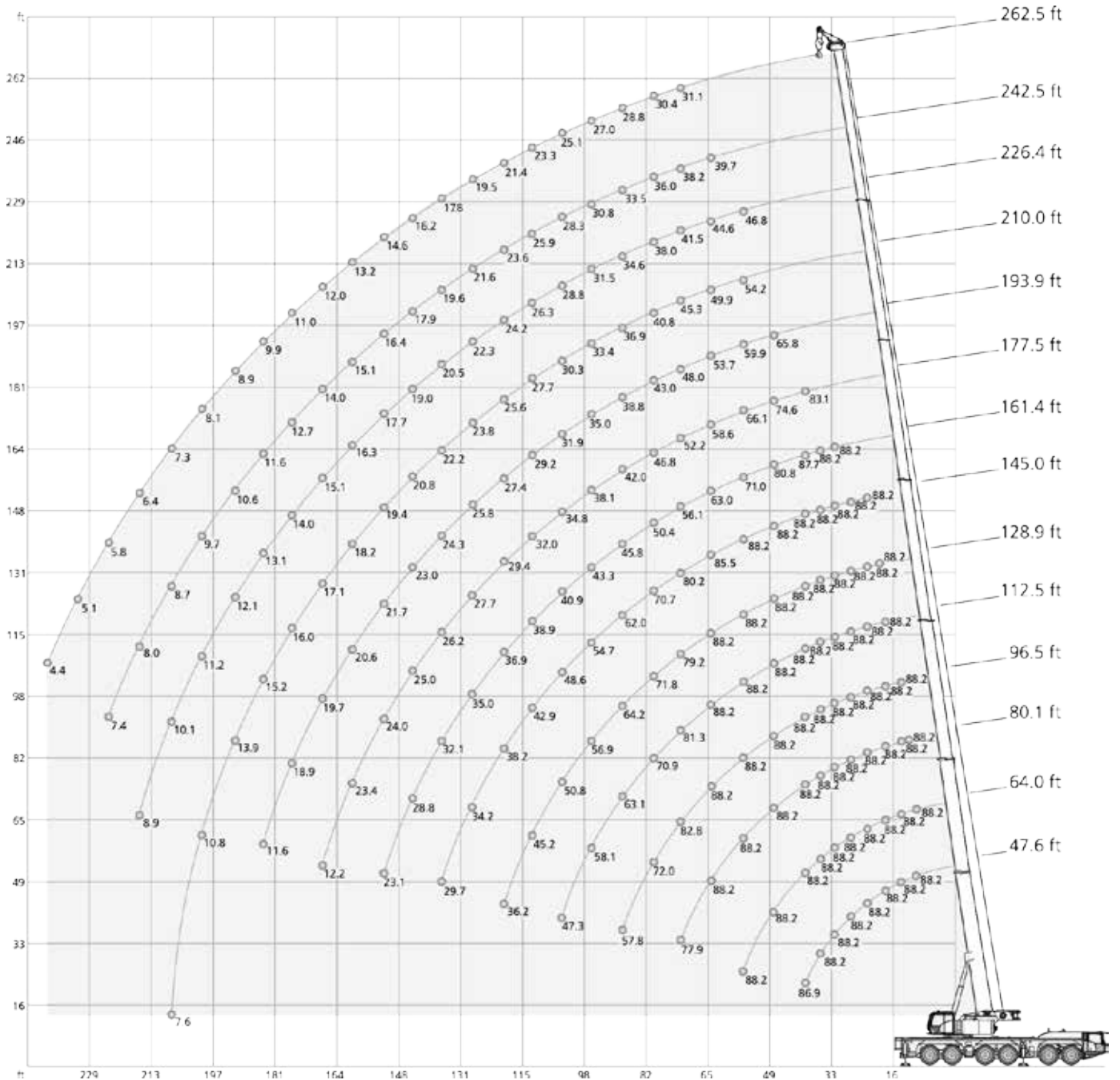
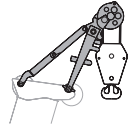
360°													ASME B30.5		
112.5 ft															
ft	84.0 ft			103.7 ft			123.4 ft			143.0 ft			ft		
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°			
1,000 lb															
48	53.0	-	-	40.1	-	-	-	-	-	-	-	-	48		
56	51.8	-	-	39.0	-	-	30.4	-	-	23.4	-	-	56		
64	51.0	-	-	38.1	-	-	29.7	-	-	22.8	-	-	64		
72	50.7	-	-	37.5	-	-	28.9	-	-	22.3	-	-	72		
80	49.9	-	-	37.0	-	-	28.4	-	-	22.0	-	-	80		
88	48.4	44.7	-	36.6	34.8	-	28.0	-	-	21.4	-	-	88		
96	-	44.2	-	36.0	34.1	-	27.6	26.8	-	21.0	-	-	96		
104	-	44.1	-	35.0	33.6	-	27.2	26.1	-	20.8	20.3	-	104		
112	-	-	40.8	-	33.3	-	26.7	25.8	-	20.3	19.8	-	112		
120	-	-	40.8	-	33.3	31.4	26.3	25.4	-	20.0	19.6	-	120		
128	-	-	-	-	33.3	31.1	25.6	25.4	24.5	19.6	19.3	-	128		
136	-	-	-	-	-	31.1	-	25.4	23.9	19.2	19.0	-	136		
144	-	-	-	-	-	31.1	-	25.4	23.8	19.0	18.8	18.3	144		
152	-	-	-	-	-	-	-	-	23.6	-	18.7	18.0	152		
160	-	-	-	-	-	-	-	-	23.6	-	18.7	17.9	160		
168	-	-	-	-	-	-	-	-	-	-	-	17.9	168		
176	-	-	-	-	-	-	-	-	-	-	-	17.9	176		

145.0 ft													
ft	84.0 ft			103.7 ft			123.4 ft			143.0 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb													
56	40.3	-	-	31.7	-	-	-	-	-	-	-	-	56
64	39.6	-	-	31.2	-	-	24.4	-	-	18.8	-	-	64
72	39.3	-	-	30.7	-	-	24.0	-	-	18.5	-	-	72
80	38.9	-	-	30.4	-	-	23.8	-	-	18.3	-	-	80
88	37.4	-	-	30.1	-	-	23.5	-	-	18.0	-	-	88
96	-	-	-	29.8	-	-	23.2	-	-	17.7	-	-	96
104	-	35.6	-	29.6	-	-	23.0	-	-	17.6	-	-	104
112	-	35.2	-	-	27.5	-	22.7	21.8	-	17.4	-	-	112
120	-	-	-	-	27.3	-	22.5	21.5	-	17.2	16.9	-	120
128	-	-	-	-	27.1	-	22.4	21.3	-	17.1	16.6	-	128
136	-	-	-	-	27.1	-	-	21.0	-	16.8	16.4	-	136
144	-	-	-	-	-	24.3	-	20.9	-	16.8	16.1	-	144
152	-	-	-	-	-	23.2	-	20.9	20.0	-	15.9	-	152
160	-	-	-	-	-	-	-	-	19.8	-	15.9	-	160
168	-	-	-	-	-	-	-	-	19.4	-	15.9	15.1	168
176	-	-	-	-	-	-	-	-	19.0	-	15.9	15.0	176
184	-	-	-	-	-	-	-	-	-	-	-	15.0	184

- 42,300 lb
- 58,800 lb
- 85,800 lb
- 109,800 lb
- 158,300 lb
- 206,800 lb

360°													ASME B30.5		
193.9 ft															
ft	84.0 ft			103.7 ft			123.4 ft			143.0 ft			ft		
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°			
1,000 lb													ft		
72	21.4	-	-	17.0	-	-	-	-	-	-	-	-	72		
80	21.1	-	-	16.9	-	-	13.2	-	-	10.1	-	-	80		
88	20.9	-	-	16.8	-	-	13.2	-	-	10.1	-	-	88		
96	20.6	-	-	16.6	-	-	13.2	-	-	10.0	-	-	96		
104	-	-	-	16.5	-	-	13.0	-	-	9.9	-	-	104		
112	-	-	-	16.3	-	-	13.0	-	-	9.9	-	-	112		
120	-	-	-	-	-	-	13.0	-	-	9.9	-	-	120		
128	-	-	-	-	-	-	12.9	-	-	9.9	-	-	128		
136	-	-	-	-	14.7	-	12.8	-	-	9.9	-	-	136		
144	-	-	-	-	14.1	-	-	-	-	9.9	-	-	144		
152	-	-	-	-	-	-	-	11.8	-	9.9	-	-	152		
160	-	-	-	-	-	-	-	11.4	-	-	9.3	-	160		
168	-	-	-	-	-	-	-	-	-	-	9.1	-	168		
176	-	-	-	-	-	-	-	-	-	-	8.9	-	176		
184	-	-	-	-	-	-	-	-	-	-	8.6	-	184		
208	-	-	-	-	-	-	-	-	-	-	-	5.8	208		
216	-	-	-	-	-	-	-	-	-	-	-	5.5	216		

	42,300 lb	58,800 lb	85,800 lb	109,800 lb	158,300 lb	206,800 lb
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206,800 lb		28.5 ft x 27.8 ft										5.25 ft		360°		ASME B30.5	
		(ft)															
		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5		
ft		1,000 lb														ft	
10		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12		88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12
14		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14
16		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	16
18		88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18
20		88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20
24		88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24
28		88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	28
32		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	32
36		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	36
40		86.9	88.2	88.2	88.2	88.2	88.2	88.2	87.7	83.1	-	-	-	-	-	-	40
48		-	88.2	88.2	88.2	88.2	88.2	88.2	80.8	74.6	65.8	-	-	-	-	-	48
56		-	88.2	88.2	88.2	88.2	88.2	88.2	71.0	66.1	59.9	54.2	46.8	-	-	-	56
64		-	-	88.2	88.2	88.2	88.2	85.5	63.0	58.6	53.7	49.9	44.6	39.7	-	-	64
72		-	-	-	77.9	82.8	81.3	79.2	80.2	56.1	52.2	48.0	45.3	41.5	38.2	31.1	72
80		-	-	-	-	72.0	70.9	71.8	70.7	50.4	46.8	43.0	40.8	38.0	36.0	30.4	80
88		-	-	-	-	57.8	63.1	64.2	62.0	45.8	42.0	38.8	36.9	34.6	33.5	28.8	88
96		-	-	-	-	-	58.1	56.9	54.7	43.3	38.1	35.0	33.4	31.5	30.8	27.0	96
104		-	-	-	-	47.3	50.8	48.6	40.9	34.8	31.9	30.3	28.8	28.3	25.1	-	104
112		-	-	-	-	-	45.2	42.9	38.9	32.0	29.2	27.7	26.3	25.9	23.3	-	112
120		-	-	-	-	-	36.2	38.2	36.9	29.4	27.4	25.6	24.2	23.6	21.4	-	120
128		-	-	-	-	-	19.6	34.2	35.0	27.7	25.8	23.8	22.3	21.6	19.5	-	128
136		-	-	-	-	-	-	29.7	32.1	26.2	24.3	22.2	20.5	19.6	17.8	-	136
144		-	-	-	-	-	-	15.5	28.8	25.0	23.0	20.8	19.0	17.9	16.2	-	144
152		-	-	-	-	-	-	-	23.1	24.0	21.7	19.4	17.7	16.4	14.6	-	152
160		-	-	-	-	-	-	-	15.3	23.4	20.6	18.2	16.3	15.1	13.2	-	160
168		-	-	-	-	-	-	-	-	12.2	19.7	17.1	15.1	14.0	12.0	-	168
176		-	-	-	-	-	-	-	-	11.4	18.9	16.0	14.0	12.7	11.0	-	176
184		-	-	-	-	-	-	-	-	-	11.6	15.2	13.1	11.6	9.9	-	184
192		-	-	-	-	-	-	-	-	-	-	13.9	12.1	10.6	8.9	-	192
200		-	-	-	-	-	-	-	-	-	-	10.8	11.2	9.7	8.1	-	200
208		-	-	-	-	-	-	-	-	-	-	-	7.6	10.1	8.7	7.3	208
216		-	-	-	-	-	-	-	-	-	-	-	7.1	8.9	8.0	6.4	216
224		-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	5.8	224
232		-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	232
240		-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	240

109,800 lb		28.5 ft x 27.8 ft										5.25 ft		360°		ASME B30.5	
		(ft)															
		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5		
ft		1,000 lb														ft	
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	14
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	16
18	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	18
20	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	20
24	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	24
28	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	28
32	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	32
36	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	36
40	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	87.7	83.1	-	-	-	-	-	-	40
48	-	87.9	88.2	88.0	87.6	88.2	87.4	80.8	74.6	65.8	-	-	-	-	-	-	48
56	-	79.3	80.3	79.7	80.3	80.2	77.5	71.0	66.1	59.9	54.2	46.8	-	-	-	-	56
64	-	-	65.5	67.4	66.5	64.6	61.9	59.9	57.7	53.7	49.9	44.6	39.7	-	-	-	64
72	-	-	55.6	55.8	54.7	52.7	52.2	51.9	48.9	47.1	45.3	41.5	38.2	31.1	-	-	72
80	-	-	-	46.9	46.0	44.1	45.5	43.4	41.1	41.0	39.7	38.0	36.0	30.4	-	-	80
88	-	-	-	40.1	39.1	39.9	39.0	37.2	37.1	36.4	35.6	33.8	33.2	28.8	-	-	88
96	-	-	-	-	35.1	35.3	33.5	33.1	32.2	32.1	31.5	30.2	28.7	27.0	-	-	96
104	-	-	-	-	31.8	30.7	29.8	29.6	29.4	28.6	27.5	25.7	25.0	23.6	-	-	104
112	-	-	-	-	-	26.7	26.8	25.6	25.6	24.9	23.6	21.6	21.6	19.6	-	-	112
120	-	-	-	-	-	23.5	24.2	23.3	22.4	21.5	20.2	18.3	18.3	16.3	-	-	120
128	-	-	-	-	-	19.6	21.1	20.9	20.0	18.6	17.2	15.3	15.3	13.4	-	-	128
136	-	-	-	-	-	-	18.6	18.4	17.5	16.0	14.7	12.7	12.7	10.9	-	-	136
144	-	-	-	-	-	-	15.5	16.4	15.3	13.8	12.4	10.5	10.5	8.7	-	-	144
152	-	-	-	-	-	-	-	14.5	13.4	11.9	10.4	8.6	8.6	6.8	-	-	152
160	-	-	-	-	-	-	-	12.7	11.6	10.1	8.8	6.8	6.8	5.0	-	-	160
168	-	-	-	-	-	-	-	-	10.1	8.6	7.2	5.3	5.3	-	-	-	168
176	-	-	-	-	-	-	-	-	8.8	7.3	5.7	3.9	3.9	-	-	-	176
184	-	-	-	-	-	-	-	-	-	6.0	4.6	-	-	-	-	-	184

42,300 lb		28.5 ft x 27.8 ft										5.25 ft		360°		ASME B30.5	
		(ft)															
		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5		
ft		1,000 lb														ft	
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	14
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	16
18	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	18
20	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	20
24	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	24
28	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	28
32	88.2	88.2	88.2	88.2	88.2	88.2	88.2	87.2	-	-	-	-	-	-	-	-	32
36	83.5	86.0	87.9	88.2	86.6	84.2	81.5	79.6	-	-	-	-	-	-	-	-	36
40	76.5	81.7	85.5	86.2	83.1	78.5	74.5	70.7	68.6	-	-	-	-	-	-	-	40
48	-	59.7	62.3	62.5	62.4	61.2	59.0	57.4	55.3	53.5	48.8	-	-	-	-	-	48
56	-	44.5	46.9	47.2	48.9	48.2	47.3	47.1	45.6	42.3	39.4	35.7	-	-	-	-	56
64	-	-	36.7	38.8	38.6	38.8	38.7	37.9	36.7	33.9	31.5	28.1	27.4	-	-	-	64
72	-	-	29.9	31.0	31.7	31.6	31.2	30.4	29.3	27.3	24.8	21.7	20.9	17.3	-	-	72
80	-	-	-	25.2	26.1	25.7	25.4	24.3	23.2	21.5	19.3	16.5	15.6	12.3	-	-	80
88	-	-	-	20.5	21.5	21.0	20.7	19.6	18.5	16.7	15.0	12.2	11.4	8.3	-	-	88
96	-	-	-	-	17.6	17.2	16.8	15.8	14.6	13.0	11.4	8.7	8.0	5.1	-	-	96
104	-	-	-	-	14.5	14.0	13.6	12.5	11.4	9.8	8.3	5.8	5.4	-	-	-	104
112	-	-	-	-	-	11.5	11.1	10.0	8.9	7.4	5.8	-	-	-	-	-	112
120	-	-	-	-	-	9.3	8.8	7.9	6.8	5.2	3.7	-	-	-	-	-	120
128	-	-	-	-	-	7.5	7.0	5.9	4.8	3.3	-	-	-	-	-	-	128
136	-	-	-	-	-	-	5.4	4.3	3.2	-	-	-	-	-	-	-	136
144	-	-	-	-	-	-	4.0	2.9	-	-	-	-	-	-	-	-	144

206,800 lb		28.5 ft x 27.8 ft					15.1 ft					360°			ASME B30.5		
		(ft)															
		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5		
ft		1,000 lb														ft	
10		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14		88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	14
16		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	16
18		84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	18
20		80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	20
24		69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	24
28		60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	-	28
32		53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	-	32
36		48.2	59.0	68.4	75.8	79.7	82.0	78.7	77.4	-	-	-	-	-	-	-	36
40		43.2	53.3	61.6	69.4	74.2	77.0	74.1	73.8	68.9	-	-	-	-	-	-	40
48		35.7	45.0	52.3	58.8	64.3	67.3	66.1	67.2	64.8	58.2	-	-	-	-	-	48
56		-	38.6	45.6	51.2	56.0	59.9	59.7	61.2	60.5	55.7	48.6	-	-	-	-	56
64		-	33.6	40.3	45.4	49.6	53.3	54.2	56.1	55.5	51.7	46.4	41.4	-	-	-	64
72		-	-	35.6	40.9	44.9	48.0	49.3	51.7	50.2	46.8	42.6	39.3	35.5	-	-	72
80		-	-	32.2	36.9	40.9	44.0	45.3	47.2	45.4	42.1	38.9	36.8	33.9	27.7	-	80
88		-	-	-	33.7	37.7	40.6	42.0	43.2	40.8	38.0	35.2	33.6	31.9	26.9	-	88
96		-	-	-	31.2	34.6	37.6	39.2	39.8	36.6	34.3	31.8	30.8	29.8	25.5	-	96
104		-	-	-	24.2	32.0	35.1	36.7	36.6	33.4	31.0	29.0	27.9	27.4	24.0	-	104
112		-	-	-	-	30.1	32.7	34.5	33.6	30.7	28.3	26.3	25.7	25.2	22.2	-	112
120		-	-	-	-	17.2	30.9	32.6	30.9	28.3	25.9	24.2	23.4	23.1	20.6	-	120
128		-	-	-	-	-	29.3	31.0	29.2	26.0	24.0	22.5	21.6	21.2	19.0	-	128
136		-	-	-	-	-	16.9	29.6	27.9	24.0	22.6	20.9	20.0	19.3	17.3	-	136
144		-	-	-	-	-	-	26.0	26.9	22.3	21.2	19.5	18.4	17.7	15.9	-	144
152		-	-	-	-	-	-	13.6	25.7	21.3	20.1	18.2	17.0	16.1	14.4	-	152
160		-	-	-	-	-	-	-	21.6	20.6	19.1	17.1	15.8	14.8	13.0	-	160
168		-	-	-	-	-	-	-	-	19.4	18.1	16.0	14.7	13.5	11.8	-	168
176		-	-	-	-	-	-	-	-	17.7	17.3	14.9	13.6	12.3	10.7	-	176
184		-	-	-	-	-	-	-	-	9.8	16.6	14.1	12.6	11.3	9.7	-	184
192		-	-	-	-	-	-	-	-	-	10.2	13.3	11.7	10.4	8.6	-	192
200		-	-	-	-	-	-	-	-	-	9.7	12.6	10.8	9.4	7.8	-	200
208		-	-	-	-	-	-	-	-	-	-	7.2	10.0	8.6	7.0	-	208
216		-	-	-	-	-	-	-	-	-	-	6.6	9.3	7.8	6.2	-	216
224		-	-	-	-	-	-	-	-	-	-	6.0	6.5	6.8	5.5	-	224
232		-	-	-	-	-	-	-	-	-	-	-	-	6.1	4.9	-	232
240		-	-	-	-	-	-	-	-	-	-	-	-	5.0	4.2	-	240
248		-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	248

 109,800 lb		 28.5 ft x 27.8 ft										 15.1 ft			360°		ASME B30.5	
 ft		(ft)															 ft	
ft		1,000 lb															ft	
ft	47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft			
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	10			
12	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12			
14	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14			
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	16			
18	84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18			
20	80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20			
24	69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24			
28	60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	28			
32	53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	32			
36	48.2	59.0	68.4	75.8	79.7	82.0	78.7	77.4	-	-	-	-	-	-	36			
40	43.2	53.3	61.6	69.4	74.2	77.0	74.1	73.8	68.9	-	-	-	-	-	40			
48	35.7	45.0	52.3	58.8	64.3	67.3	66.1	67.2	64.8	58.2	-	-	-	-	48			
56	-	38.6	45.6	51.2	56.0	59.9	59.7	61.2	60.5	55.7	48.6	-	-	-	56			
64	-	33.6	40.3	45.4	49.6	53.3	54.2	56.1	55.5	51.7	46.4	41.4	-	-	64			
72	-	-	35.6	40.9	44.9	48.0	49.3	49.1	48.6	46.2	42.6	39.3	35.5	-	72			
80	-	-	32.2	36.9	40.7	42.9	43.8	41.3	40.3	40.4	38.4	36.8	33.9	27.7	80			
88	-	-	-	33.6	36.9	37.9	36.8	36.5	35.3	34.2	33.7	32.6	31.9	26.9	88			
96	-	-	-	31.1	33.5	33.8	33.0	31.4	31.6	31.3	30.4	29.5	28.2	25.5	96			
104	-	-	-	24.2	29.4	29.8	28.8	28.2	27.8	27.0	26.8	25.1	24.3	22.5	104			
112	-	-	-	-	26.8	26.7	25.8	25.4	25.2	24.5	23.0	21.0	21.0	18.8	112			
120	-	-	-	-	17.2	23.3	22.8	22.1	21.8	21.1	19.6	17.6	17.6	15.6	120			
128	-	-	-	-	-	20.5	20.8	20.4	19.6	18.1	16.7	14.8	14.8	12.8	128			
136	-	-	-	-	-	16.9	18.4	18.2	17.1	15.5	14.2	12.2	12.2	10.2	136			
144	-	-	-	-	-	-	16.4	15.9	14.9	13.3	11.8	10.0	9.8	8.0	144			
152	-	-	-	-	-	-	13.6	14.1	13.0	11.4	9.9	7.9	7.9	6.0	152			
160	-	-	-	-	-	-	-	12.3	11.2	9.6	8.1	6.3	6.2	4.3	160			
168	-	-	-	-	-	-	-	-	9.7	8.1	6.6	4.8	4.6	-	168			
176	-	-	-	-	-	-	-	-	8.4	6.6	5.3	3.3	3.3	-	176			
184	-	-	-	-	-	-	-	-	7.0	5.5	4.0	-	-	-	184			
192	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	192			
200	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	200			

 42,300 lb		 28.5 ft x 27.8 ft										 15.1 ft			360°		ASME B30.5	
 ft		(ft)															 ft	
ft		1,000 lb															ft	
ft	47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft			
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	10			
12	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12			
14	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14			
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	16			
18	84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18			
20	80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20			
24	69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24			
28	60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	28			
32	53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	32			
36	48.2	59.0	68.4	75.8	79.5	78.6	77.1	72.4	-	-	-	-	-	-	36			
40	43.2	53.3	61.6	69.3	73.2	73.1	71.6	67.4	64.6	-	-	-	-	-	40			
48	35.7	45.0	52.1	57.3	60.0	60.4	57.3	55.4	52.3	49.9	-	-	-	-	48			
56	-	38.6	44.5	47.4	47.8	47.0	47.0	45.4	44.4	41.1	38.2	-	-	-	56			
64	-	33.4	37.0	37.8	38.4	37.7	38.2	37.7	36.0	33.0	30.3	27.2	-	-	64			
72	-	-	30.1	31.4	31.2	31.4	31.2	30.1	28.8	26.6	23.9	20.6	19.8	-	72			
80	-	-	25.0	25.7	25.9	25.7	25.2	24.1	22.8	20.8	18.5	15.4	14.5	11.0	80			
88	-	-	-	20.9	21.6	21.0	20.5	19.3	18.0	16.3	14.2	11.2	10.4	7.2	88			
96	-	-	-	17.2	17.7	17.2	16.7	15.4	14.3	12.5	10.7	7.8	7.1	4.0	96			
104	-	-	-	14.0	14.5	14.0	13.4	12.3	11.0	9.4	7.6	5.0	4.3	-	104			
112	-	-	-	-	11.8	11.3	10.9	9.6	8.5	6.9	5.2	-	-	-	112			
120	-	-	-	-	9.7	9.2	8.6	7.5	6.3	4.6	-	-	-	-	120			
128	-	-	-	-	-	7.3	6.7	5.6	4.4	-	-	-	-	-	128			
136	-	-	-	-	-	5.8	5.2	3.9	2.8	-	-	-	-	-	136			
144	-	-	-	-	-	-	3.8	2.5	-	-	-	-	-	-	144			

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.

Basic machine

Equipment carrier

Engine 460-5	Mercedes-Benz OM473; Diesel engine; Output 460 kW / 1600 1/min (617 HP), torque 3000 Nm / 1300 1/min; The engine complies with EU Stage V / Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	Fuel tank 132 gallons Diesel (no RME / biodiesel); 25 gallons AdBlue tank.
Transmission G280-16TRC	Mercedes-Benz G280-16TRC; Automated gearbox with turbo retarder clutch; 16 forward speeds and 4 reverse; 1-stage transfer case with switchable longitudinal lock.
Axles 12 x 6 x 10	12 x 6 x 10; 6 axles, axles 3, 5 and 6 are driven and dispose of selectable transverse lock; Axle 5 with a selectable longitudinal lock; Axles 1-3 and 5-6 are steered; Axle 4 liftable.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable.
Steering	Dual-circuit steering system with independent rear axle steering; Axles 1, 2, 3 mechanically connected; Axle 5 and 6 electro-hydraulically connected; Active rear axle steering with different steering programs.
Brakes	Pneumatic dual circuit service brake, acting on all wheels; Disc brakes; Hydraulic retarder integrated into transmission as wearless, sustained-action brake; Additional exhaust brake; Parking brake.
Tire size 385/95 R25 (14.00R25)	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7"; TechKing ETCRANE 170F or similar.
Cab 2850	Type 9.4 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary / passenger seat; Powered door windows; Tinted glass; Central door locking; Electrically adjustable rear-view mirrors, heated; Radio; Seat heating.
Heating engine-dependent	Engine-dependent warm water heating with 12 kW heating power.
Aircondition	Aircondition for carrier cab, 7 kW rated cooling power.
Rear view camera	Display in carrier cab; Cameras installed on rear of vehicle.
Drive lights	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
Central lubrication	Automatic central lubrication system for the lubricating points at the carrier.
Outriggers	H-4-Point design; Vertical and horizontal movement fully hydraulic; Automatic or manual levelling; 5 outrigger bases: 9.0 ft, 13.2 ft, 18.1 ft, 22.9 ft and 27.8 ft.
Outrigger pads 038PA	4 round polyamide outrigger pads A = 1.25 ft ² with transport position at vertical cylinder.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in cab.
Outrigger load indicator	The outrigger load is indicated in the operator cab and the outrigger control box.
Electronic immobilizer system	Prevents uncontrolled carrier mobilization; Incl. 5 ignition keys.
Pneumatic tire filling plug	Pneumatic tire filling plug for self-inflating of the wheels.
Contour safety marking	Continuous reflective strips on the sides of the chassis and in the back.

Equipment superstructure

Telescopic boom HA80	47.6 ft - 262.5 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 5 sheaves integrated in boom head for max. capacity of 236,900 lb.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	1 slewing gear unit with spring-loaded multi-disc brake.
H1	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring.
Counterweight 109,800 lb	Counterweight 109,800 lb, 5 pieces (SPECIAL 6 pieces); Automatic rigging system.
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 load moment indicator acc. EN13000; Colour 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.
Hook height indication	Displaying and programmability of the hook height H1 by IC-1.
Cab 875	Type 2.87 ft; Tilt infinitely variable 16°; Sliding window rear; Fold-out front window; Extendable side pedestal, front pedestal; Handrails; Tinted safety glass; Pull-down sun visor; Radio; Seat heating.
Heating engine-independent	Engine independent warm water heating with 5 kW heating power.
Aircondition	Aircondition in crane cab with 5 kW rated cooling power.
Anemometer	Disconnectable, to allow use with all extensions.
Central lubrication	Automatic central lubrication system for the lubricating points at the superstructure.

Additional equipment

Carrier

Engine 460 ECE R96	Mercedes-Benz OM473; Diesel engine; Output 460 kW / 1600 ¹ /min (617 HP), torque 3000 Nm / 1300 ¹ /min; The engine complies with ECE R96 (equivalent to former European regulation EU Stage IIIA / Tier 3); Exhaust system complete stainless steel with spark arrester.
Axles 12 x 8 x 12	12 x 8 x 12; 6 axles, axles 2, 3, 5 and 6 are driven and equipped with selectable transverse lock; Axle 5 with a selectable longitudinal lock; All axles are steered.
Additional fuel tank	Additional fuel tank 53 gallons; For 185 gallons diesel total carrier (no RME / biodiesel).

Superstructure

Quick connection main boom (HA)	Hydraulic bolt extractors and hydraulic and electric quick couplings for fast main boom (dis-) assembly; Incl. switchable suspension calibration for light travel configurations without main boom; Incl. storage space for luffing cylinder.
Heavy lift attachment 2. hoist (H2)	2 additional sheaves; Dis-/connectable; For total 7 sheaves at boom head; Max. capacity of 330,700 lb. 2. hoist; Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. hoist monitoring and quick couplings.
Additional counterweight 97,000 lb	Additional counterweight 97,000 lb; 4 pieces; For total 206,800 lb, 9 pieces (SPECIAL 10 pieces).
Load supervision camera	Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head.

Handling

Remote control IC-1 Plus	Control of superstructure movements via wireless remote control. Smart crane control system for main boom operation 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. In-cab lift simulation.
IC-1 Remote	IC-1 Remote, Demag telematic system.

Extensions

LWIHI 206.7 ft	206.7 ft; Luffing jib with 19.7 ft increments incl. bridle; 1-sheave head; Enables configuration LWIHI 147.7 ft - 206.7 ft, WIHI 114.8 ft - 173.9 ft, SWIHI 85.3 ft - 144.4 ft, LF 111.6 ft - 170.6 ft, F 78.7 ft - 137.8 ft, SF 49.2 ft - 108.3 ft, HAV 36.1 ft / 68.9 ft and MS 5.25 ft.
SWIHI 144.4 ft	144.4 ft; Strong luffing jib with 19.7 ft increments incl. bridle; 2-sheave head; Enables configuration SWIHI 85.3 ft - 144.4 ft, SF 49.2 ft - 108.3 ft and MS 5.25 ft.
LF 111.6 ft	111.6 ft; Light fixed jib; 1 piece 39.4 ft lattice section and double folding swing-away jib, manual offset 20°/40°; 1-sheave head; Enables configuration LF 111.6 ft, F 78.7 ft and HAV 36.1 ft / 68.9 ft; Incl. transport storage for swing-away jib; Not transportable with 26,500 lb axle load limit.
SF 108.3 ft	108.3 ft; Strong fixed jib; 2-sheave head; Enables configuration SF 49.2 ft - 108.3 ft and MS 5.25 ft; Not transportable with 26,500 lb axle load limit.
HAV 68.9 ft	68.9 ft; Double folding swing-away jib; manual offset 20°/40°; 1-sheave head; Incl. transport storage; Not transportable with 26,500 lb axle load limit; Includes HAV 36.1 ft.
HAV 36.1 ft	37.4 ft; Lattice swing-away jib; manual offset 20°/40°; 1-sheave head; Incl. transport storage; Not transportable with 26,500 lb axle load limit.
Hydraulic offset (0°-40°)	Hydraulic offset (0°-40°) instead of manual offset (20°/40°); Available for HAV, LF and F.
MS (Runner)	5.25 ft; Assembly jib with fixed angle, 2-sheaved for max. capacity 88,200 lb; Incl. transport storage at the left side of main boom; Not transportable within 9.8 ft crane width.

Hook Blocks

Hook block 160-7-23-D-1900	160-7-23-D (4,190 lb); Hook block with ramshorn hook; with white red signal stripes.
Hook block 125-5-23-D-1400	125-5-23-D (3,100 lb); Hook block with ramshorn hook; with white red signal stripes.
Hook block 80-3-23-D-1200	80-3-23-D (2,650 lb); Hook block with ramshorn hook; with white red signal stripes.
Hook block 40-1-23-D-900	40-1-23-D (1,980 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook 12-0-24-E-500	12-0-24-E (1,100 lb); Single hook; red.

Further additional equipment on request!

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

A large rectangular area with horizontal lines, intended for taking notes.

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June 2020. 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 corresponding Operator's Manual when using our equipment or to otherwise act responsibly 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 Tadano makes no other warranty, express or implied. All rights reserved. Products and services listed may be trademarks, service marks or trade-names of Tadano Ltd.

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