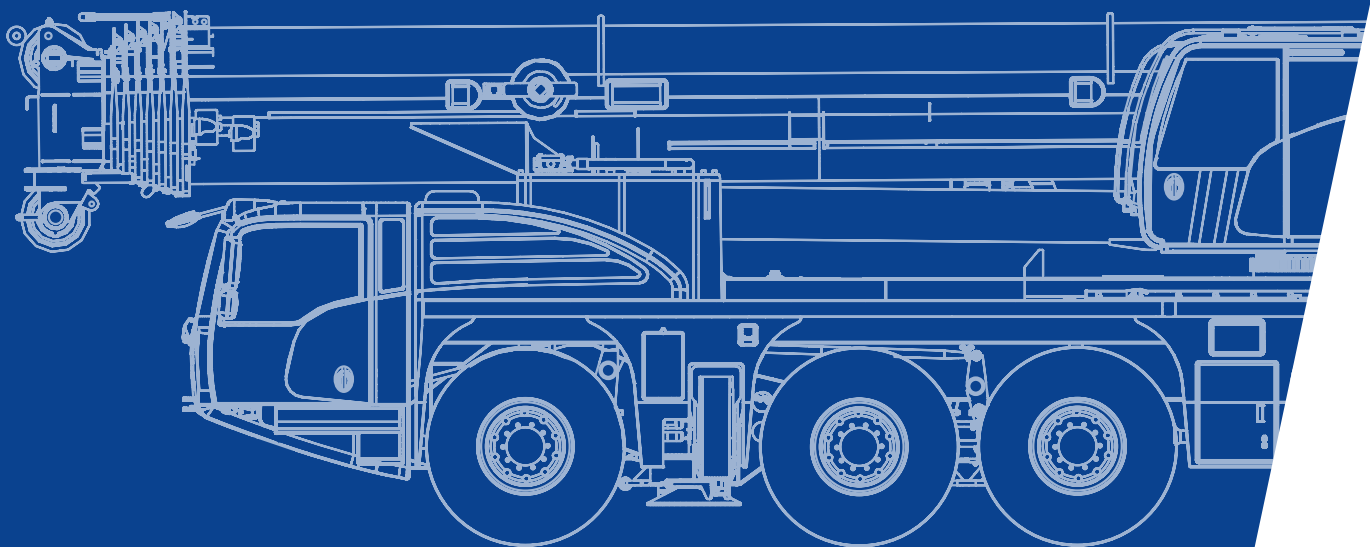


AC 220-5



**All Terrain Crane
245 USt Capacity class**

















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Counterweight.....	7

















 HA Main boom	8
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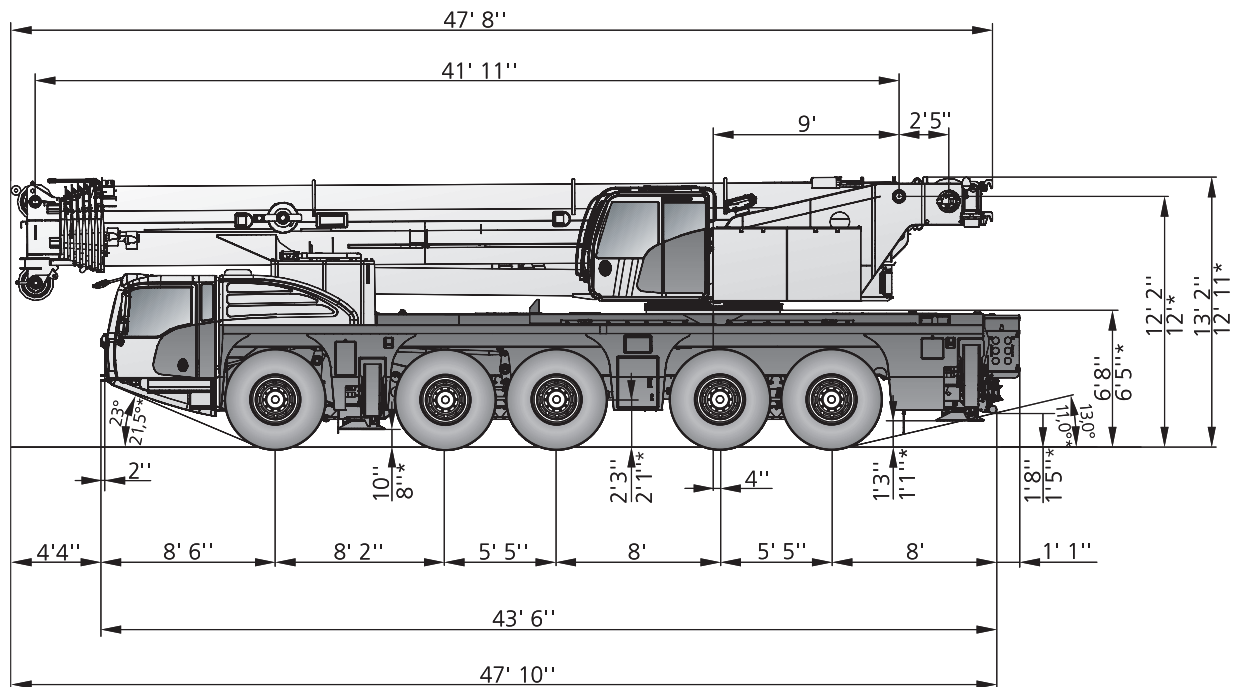
 HAV Folding swing-away jib	22
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 MS Runner	26
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Technical description.....	32
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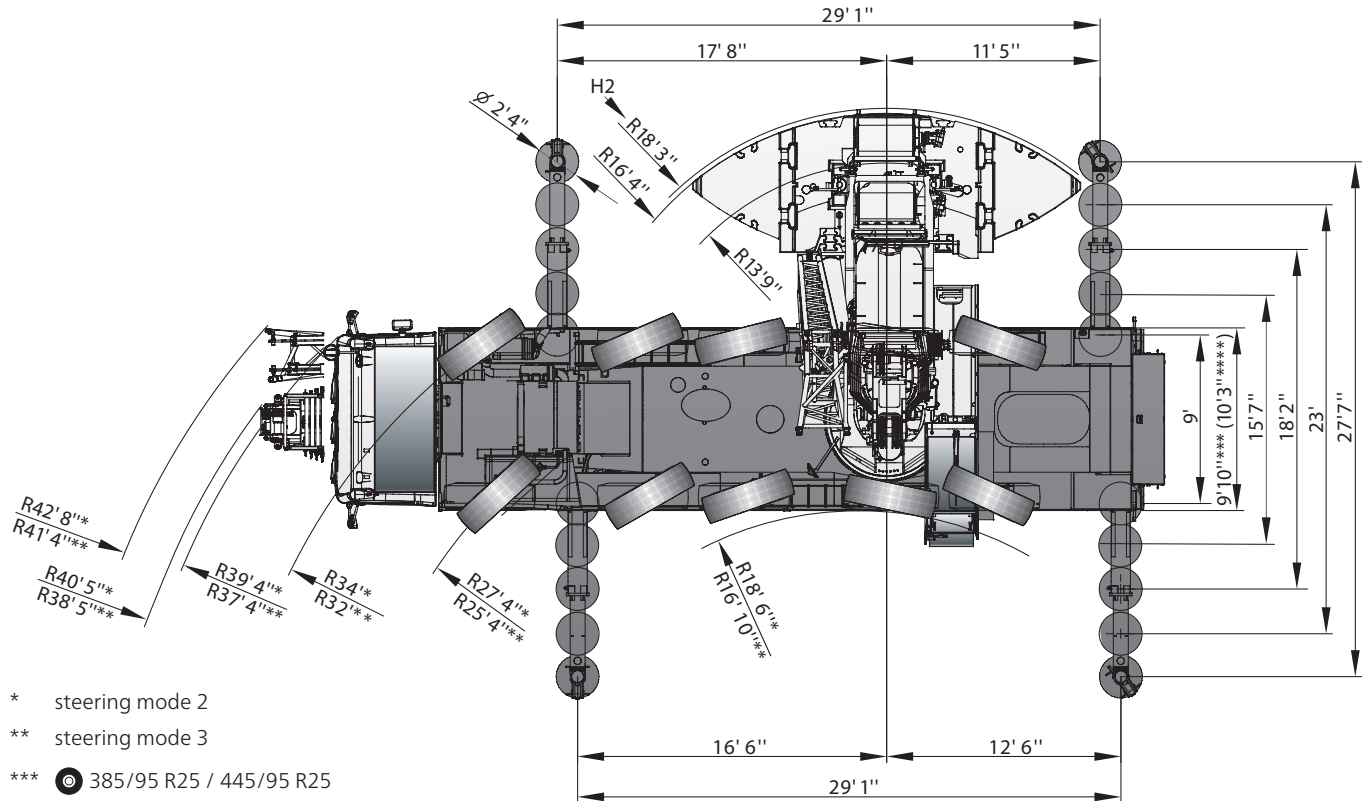
	Counterweight
	Lifting capacities on outriggers - 360°
	Radius
	Main boom
	Folding swing-away jib
	Runner
	Max. axle loads
	Mechanism
	Tires
	Hook block
	Hoist
	Dolly
	Travel speed
	Gradeability – road
	Gradeability – off road
	Slewing

	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)
	Payload incl. rear storage box
	Additional parts for hydraulic system



⊙ 445/95 R25 / 525/80 R25

* ⊙ 385/95 R25



* steering mode 2

** steering mode 3












*** ⊙ 385/95 R25 / 445/95 R25







**** ⊙ 525/80 R25

see page 5



Specifications

AC 220-5





											
	Total										
< 20,000 lb				On request!							X
18,700 lb	81,600 lb	10x6x10	385/95R25	–	–	–	–	–	–	–	
26,500 lb	132,300 lb	10x8x10	445/95R25	255.9 ft	–	–	–	–	1540 lb	–	
29,100 lb	138,900 lb	10x8x10	445/95R25	255.9 ft	32-1-21	–	68.9 ft	–	2095 lb	–	
36,400 lb	180,800 lb	10x8x10	445/95R25	255.9 ft	32-1-21	41,200 lb	68.9 ft	X	2095 lb	–	










	1 Highway > 28 mph		4* Off-wall
	2 City < 28 mph		5* Crab steer mode
	3 Minimum turning radius		6* All wheel steering








*must be activated

		
209,500 lb	231,500 lb	52.8 mph ¹⁾
16.9 in	23 in	

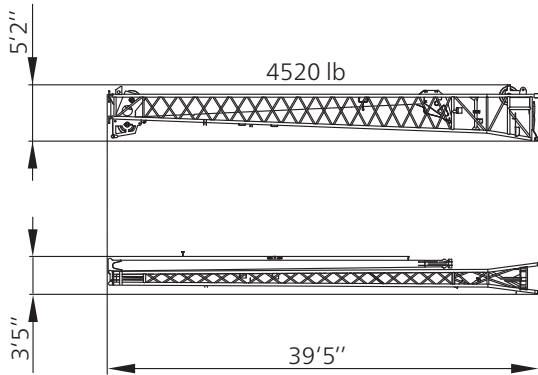
¹⁾ Depending on tire type, size and country specific legislation

			
	385 / 95 R 25 14.00 R25	445 / 95 R 25 16.00 R25	525 / 80 R 25 20.50 R25
	48 %	43 %	43 %
	73 %	64 %	64 %

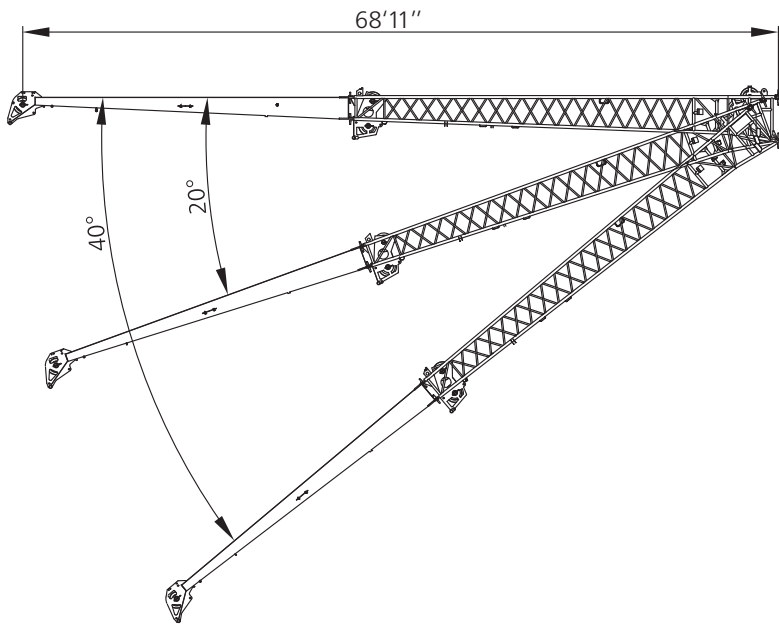
				
				
1	394 ft/min	22,076 lbf	0.83 in	1083 ft
2	394 ft/min	22,076 lbf	0.83 in	1083 ft
	1,55 min ⁻¹			
	ca. 615 s (42.0-255.9 ft)			
	ca. 49 s (-1,4° - 82°)			

					
					
1	21,800	12-0-21	5	770 lb	6.6 ft
2	43,400	32-1-21	5	1390 lb	8.9 ft
3	64,800	32-1-21	5	1390 lb	8.9 ft
4	86,200	80-3-21	5	1870 lb	9.8 ft
5	107,200	80-3-21	5	1870 lb	9.8 ft
6	127,900	80-3-21	5	1870 lb	9.8 ft
7	148,400	80-3-21	5	1870 lb	9.8 ft
8	168,900	125-5-21	5	2490 lb	9.8 ft
9	189,000	125-5-21	5	2490 lb	9.8 ft
10	209,000	125-5-21	5	2490 lb	9.8 ft
12	248,300	160-7-21	5 + 2	3660 lb	9.8 ft
14	286,600	160-7-21	5 + 2	3660 lb	9.8 ft

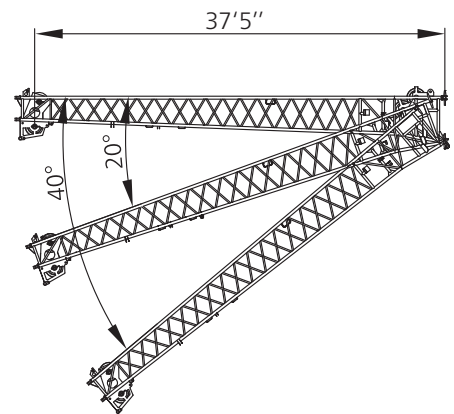
HAV



HAV 68.9 ft



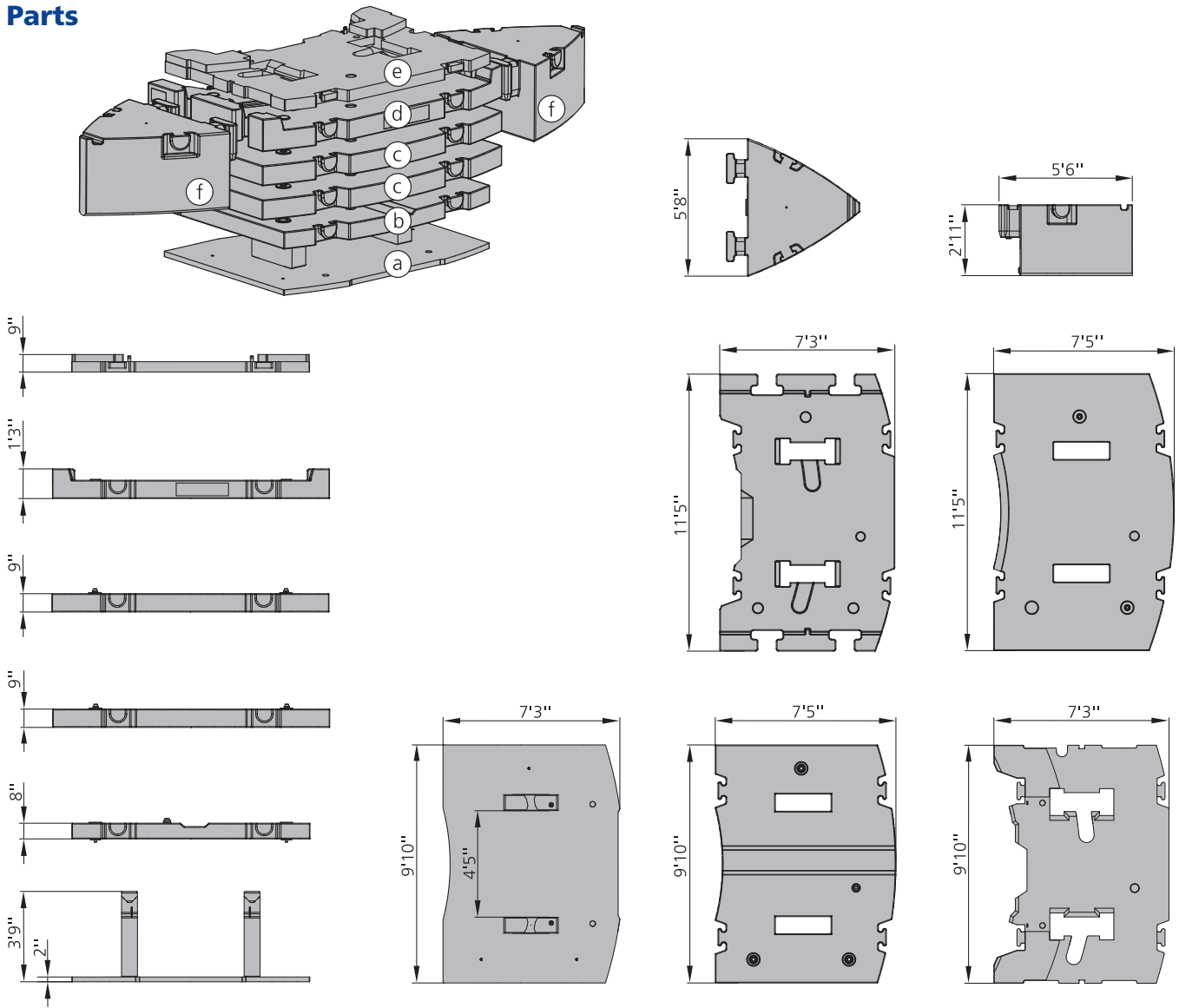
HAV 37.4 ft



Counterweight

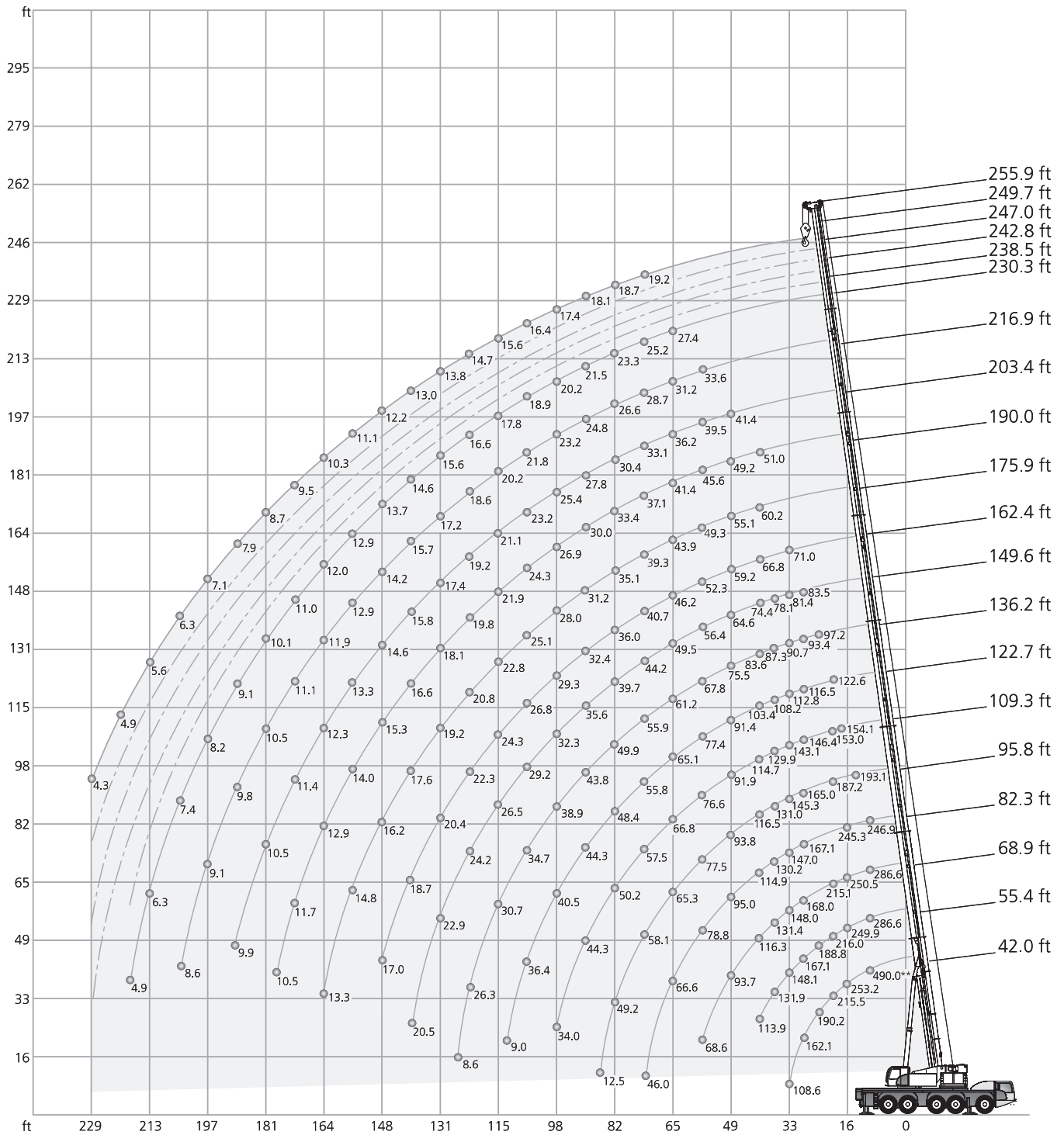
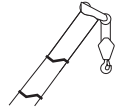
AC 220-5

Parts



Configurations

	Ⓐ 11,250 lb	Ⓑ 17,640 lb	Ⓒ 24,700 lb	Ⓒ 24,700 lb	Ⓓ 23,150 lb	Ⓔ 12,350 lb	Ⓕ 20,500 lb	Ⓕ 20,500 lb
0 lb								
11,250 lb	X							
28,900 lb	X	X						
41,200 lb	X	X				X		
53,600 lb	X	X	X					
65,900 lb	X	X	X			X		
78,300 lb	X	X	X	X				
90,600 lb	X	X	X	X		X		
101,400 lb	X	X	X	X	X			
113,800 lb	X	X	X	X	X	X		
154,800 lb	X	X	X	X	X	X	X	X



** Capacity class

☰ 154,800 lb		📏 27.60 ft x 29.10 ft										360°				ASME B30.5						
🔧		(ft)																				
ft		42.0*	42.0	55.4	68.9	82.3	95.8	109.3	122.7	136.2	149.6	162.4	175.9	190.0	203.4	216.9	230.3	238.5	242.8	247.0	249.7	255.9
ft		1,000 lb																				
8	490.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	286.6	286.6	286.6	286.6	246.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	285.2	285.2	284.9	285.6	246.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	273.4	272.8	270.6	272.7	246.9	193.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	253.2	251.3	249.9	250.2	245.3	189.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	233.8	232.7	232.4	232.0	231.9	188.1	154.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	215.5	215.4	216.0	215.1	216.0	187.2	153.0	122.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	190.2	188.6	188.8	189.6	188.8	179.9	149.7	119.6	97.2	-	-	-	-	-	-	-	-	-	-	-	-	-
28	162.1	161.4	167.1	168.0	167.1	165.0	146.4	116.5	93.4	83.5	-	-	-	-	-	-	-	-	-	-	-	-
32	108.6	108.6	148.1	148.0	147.0	145.3	143.1	112.8	90.7	81.4	71.0	-	-	-	-	-	-	-	-	-	-	-
36	-	-	131.9	131.4	130.2	131.0	129.9	108.2	87.3	78.1	69.2	-	-	-	-	-	-	-	-	-	-	-
40	-	-	113.9	116.3	114.9	116.5	114.7	103.4	83.6	74.4	66.8	60.2	51.0	-	-	-	-	-	-	-	-	-
48	-	-	-	93.7	95.0	93.8	91.9	91.4	75.5	64.6	59.2	55.1	49.2	41.4	-	-	-	-	-	-	-	-
56	-	-	-	68.6	78.8	77.5	76.6	77.4	67.8	56.4	52.3	49.3	45.6	39.5	33.6	-	-	-	-	-	-	-
64	-	-	-	-	66.6	65.3	66.8	65.1	61.2	49.5	46.2	43.9	41.4	36.2	31.2	27.4	26.6	25.0	22.8	21.2	-	-
72	-	-	-	-	46.0	58.1	57.5	55.8	55.9	44.2	40.7	39.3	37.1	33.1	28.7	25.2	25.2	24.5	22.1	20.7	19.2	-
80	-	-	-	-	-	49.2	50.2	48.4	49.9	39.7	36.0	35.1	33.4	30.4	26.6	23.3	23.3	23.3	21.4	20.2	18.7	-
88	-	-	-	-	-	12.5	44.3	44.3	43.8	35.6	32.4	31.2	30.0	27.8	24.8	21.5	21.7	21.7	20.4	19.5	18.1	-
96	-	-	-	-	-	-	34.0	40.5	38.9	32.3	29.3	28.0	26.9	25.4	23.2	20.2	20.2	20.2	19.3	18.5	17.4	-
104	-	-	-	-	-	-	12.0	36.4	34.7	29.2	26.8	25.1	24.3	23.2	21.8	18.9	18.9	19.1	18.0	17.5	16.4	-
112	-	-	-	-	-	-	-	9.0	30.7	26.5	24.3	22.8	21.9	21.1	20.2	17.8	17.8	17.6	16.9	16.5	15.6	-
120	-	-	-	-	-	-	-	-	26.3	24.2	22.3	20.8	19.8	19.2	18.6	16.6	16.4	16.2	15.6	15.4	14.7	-
128	-	-	-	-	-	-	-	-	8.6	22.9	20.4	19.2	18.1	17.4	17.2	15.6	15.2	14.9	14.5	14.3	13.8	-
136	-	-	-	-	-	-	-	-	-	20.5	18.7	17.6	16.6	15.8	15.7	14.6	14.1	13.7	13.5	13.2	13.0	-
144	-	-	-	-	-	-	-	-	-	-	17.0	16.2	15.3	14.6	14.2	13.7	13.1	12.4	12.4	12.2	12.2	-
152	-	-	-	-	-	-	-	-	-	-	-	14.8	14.0	13.3	12.9	12.9	12.0	11.5	11.3	11.3	11.1	-
160	-	-	-	-	-	-	-	-	-	-	-	13.3	12.9	12.3	11.9	12.0	10.9	10.5	10.3	10.3	10.3	-
168	-	-	-	-	-	-	-	-	-	-	-	-	11.7	11.4	11.1	11.0	9.9	9.7	9.5	9.5	9.5	-
176	-	-	-	-	-	-	-	-	-	-	-	-	10.5	10.5	10.5	10.1	9.0	8.7	8.5	8.5	8.7	-
184	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	9.8	9.1	8.0	7.9	7.7	7.7	7.9	-
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	8.2	7.1	7.1	6.9	6.9	7.1	-
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	7.4	6.5	6.3	6.2	6.2	6.3	-
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	5.8	5.6	5.6	5.6	5.6	-
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9	5.1	4.9	4.9	4.9	4.9	-
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	4.3	4.3	4.3	-
1)	45.9	45.9	33.7	26.5	20.9	16.5	13.7	10.6	8.6	6.6	5.3	3.3	-	-	-	-	-	-	-	-	-	-

1) Capacities with horizontal boom


* over rear


** Capacity class

113,800 lb		27.60 ft x 29.10 ft										360° / Max.*				ASME B30.5					
ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	286.6	286.6	286.6	286.6	286.6	286.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	284.9	285.2	284.5	284.9	284.5	285.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	270.5	272.8	269.5	270.6	269.4	272.7	246.9	248.0	193.1	193.1	-	-	-	-	-	-	-	-	-	-	-
16	248.8	251.3	248.8	249.9	247.7	250.2	245.3	245.5	189.6	189.6	-	-	-	-	-	-	-	-	-	-	-
18	230.8	232.7	230.8	232.4	229.8	232.0	230.8	231.8	188.1	188.1	154.1	154.1	-	-	-	-	-	-	-	-	-
20	213.8	215.2	213.8	215.9	214.3	214.9	213.8	215.8	187.2	187.2	153.0	153.0	122.6	122.6	-	-	-	-	-	-	-
24	185.1	185.3	185.3	185.5	186.1	186.4	185.2	185.2	177.8	177.8	149.7	149.7	119.6	119.6	97.2	97.2	-	-	-	-	-
28	158.1	158.1	159.4	159.4	158.9	158.9	157.8	157.8	156.1	156.1	146.4	146.4	116.5	116.5	93.4	93.4	83.5	83.5	-	-	-
32	108.6	108.6	136.8	136.8	136.6	136.6	135.3	135.3	137.0	137.0	134.3	134.3	112.8	112.8	90.7	90.7	81.4	81.4	71.0	71.0	-
36	-	-	119.9	119.9	119.6	119.6	118.6	118.6	120.1	120.1	118.1	118.1	108.2	108.2	87.3	87.3	78.1	78.1	69.2	69.2	-
40	-	-	103.1	103.1	104.5	104.5	106.0	106.0	104.9	104.9	103.0	103.0	102.7	102.7	83.6	83.6	74.4	74.4	66.8	66.8	-
48	-	-	-	-	84.5	84.5	85.3	85.3	84.1	84.1	84.4	84.4	83.9	83.9	75.5	75.5	64.6	64.6	59.2	59.2	-
56	-	-	-	-	64.5	64.5	70.3	70.3	70.1	70.1	70.8	70.8	68.7	69.0	67.8	67.8	56.4	56.4	52.3	52.3	-
64	-	-	-	-	-	-	57.8	59.3	59.8	60.7	58.3	59.6	56.9	57.8	57.7	59.2	49.5	49.5	46.2	46.2	-
72	-	-	-	-	-	-	44.4	45.6	49.6	52.2	48.1	51.1	49.8	51.9	47.8	50.7	44.2	44.2	40.7	40.7	-
80	-	-	-	-	-	-	-	-	41.7	44.4	43.4	44.3	42.4	45.6	40.3	44.0	39.4	39.7	36.0	36.0	-
88	-	-	-	-	-	-	-	-	12.5	12.5	37.9	40.7	36.3	40.3	34.3	38.5	33.5	35.6	32.4	32.4	-
96	-	-	-	-	-	-	-	-	-	-	32.4	33.8	31.5	35.7	29.6	33.9	28.5	32.3	28.4	29.3	-
104	-	-	-	-	-	-	-	-	-	-	12.0	12.0	27.6	32.0	26.2	30.2	26.4	29.2	24.1	26.8	-
112	-	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0	23.6	27.0	23.2	26.5	20.6	24.4	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.1	23.9	20.3	23.8	18.5	22.3	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	8.6	17.7	22.5	16.7	20.4	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.9	20.2	15.6	18.2	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	16.2	-
1)	45.9	45.9	33.7	33.7	26.5	26.5	20.9	20.9	16.5	16.5	13.7	13.7	10.6	10.6	8.6	8.6	6.6	6.6	5.3	5.3	-


ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
40	60.2	60.2	51.0	51.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	55.1	55.1	49.2	49.2	41.4	41.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	49.3	49.3	45.6	45.6	39.5	39.5	33.6	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-
64	43.9	43.9	41.4	41.4	36.2	36.2	31.2	31.2	27.4	27.4	26.6	26.6	26.6	25.0	25.0	22.8	22.8	21.2	21.2	-	-
72	39.3	39.3	37.1	37.1	33.1	33.1	28.7	28.7	25.2	25.2	25.2	25.2	25.2	24.5	24.5	22.1	22.1	20.7	20.7	19.2	19.2
80	35.1	35.1	33.4	33.4	30.4	30.4	26.6	26.6	23.3	23.3	23.3	23.3	23.3	23.3	21.4	21.4	20.2	20.2	18.7	18.7	-
88	31.2	31.2	30.0	30.0	27.8	27.8	24.8	24.8	21.5	21.5	21.7	21.7	21.7	21.7	20.4	20.4	19.5	19.5	18.1	18.1	-
96	27.3	28.0	26.9	26.9	25.4	25.4	23.2	23.2	20.2	20.2	20.2	20.2	20.2	20.2	19.3	19.3	18.5	18.5	17.4	17.4	-
104	24.4	25.1	23.6	24.3	23.2	23.2	21.8	21.8	18.9	18.9	18.9	18.9	18.9	19.1	19.1	18.0	18.0	17.5	17.5	16.4	16.4
112	21.0	22.8	21.6	21.9	20.8	21.1	20.2	20.2	17.8	17.8	17.8	17.8	17.8	17.6	17.6	16.9	16.9	16.5	16.5	15.6	15.6
120	18.1	20.8	18.5	19.8	18.2	19.2	18.4	18.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	15.6	15.6	15.4	15.4	14.7	14.7
128	16.4	19.2	16.0	18.1	16.7	17.4	16.0	17.2	15.6	15.6	15.2	15.2	15.2	14.9	14.9	14.5	14.5	14.3	14.3	13.8	13.8
136	14.9	17.6	14.4	16.6	14.8	15.8	14.3	15.7	14.6	14.6	14.0	14.1	13.7	13.7	13.5	13.5	13.2	13.2	13.0	13.0	-
144	13.3	16.2	13.3	15.3	13.0	14.6	13.5	14.2	12.7	13.7	12.2	13.1	12.0	12.4	12.2	12.4	12.2	12.2	12.2	12.2	12.2
152	11.8	14.5	12.0	14.0	12.2	13.3	11.9	12.9	10.8	12.9	10.5	12.0	10.4	11.5	10.4	11.3	10.4	11.3	10.8	11.1	-
160	11.2	12.8	10.9	12.9	11.2	12.3	10.4	11.9	9.3	12.0	9.6	10.9	8.8	10.5	8.8	10.3	8.8	10.3	9.2	10.3	-
168	-	-	10.1	11.7	10.1	11.4	9.0	11.1	7.9	11.0	8.6	9.9	7.3	9.7	7.5	9.5	7.5	9.5	7.8	9.5	-
176	-	-	9.6	10.3	9.2	10.5	7.7	10.5	6.6	10.1	7.6	9.0	6.1	8.7	6.1	8.5	6.1	8.5	6.6	8.7	-
184	-	-	-	-	8.1	9.9	6.6	9.8	5.5	9.1	6.6	8.0	4.9	7.9	5.0	7.7	5.0	7.7	5.4	7.9	-
192	-	-	-	-	-	-	5.6	9.1	4.4	8.2	5.5	7.1	3.8	7.1	4.0	6.9	4.0	6.9	4.2	7.1	-
200	-	-	-	-	-	-	5.1	8.4	3.5	7.4	4.6	6.5	2.8	6.3	3.0	6.2	3.0	6.2	3.3	6.3	-
208	-	-	-	-	-	-	-	-	-	6.3	3.7	5.8	-	5.6	-	5.6	-	5.6	-	5.6	-
216	-	-	-	-	-	-	-	-	-	4.9	2.9	5.1	-	4.9	-	4.9	-	4.9	-	4.9	-
224	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	4.3	-	4.3	-	4.3	-
1)	3.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

41,200 lb		27.60 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	286.6	286.6	286.6	286.6	286.6	286.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	283.1	285.2	283.5	284.9	283.1	285.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	265.6	271.7	266.1	270.0	265.0	271.5	246.9	248.0	193.1	193.1	-	-	-	-	-	-	-	-	-	-	-
16	241.9	243.5	241.9	243.6	241.6	242.3	239.4	239.9	189.6	189.6	-	-	-	-	-	-	-	-	-	-	-
18	217.5	217.5	217.5	217.7	218.7	218.9	217.5	217.5	186.4	188.1	154.1	154.1	-	-	-	-	-	-	-	-	-
20	193.7	193.7	195.4	195.4	195.0	195.0	193.6	193.6	180.5	185.1	152.1	153.0	122.6	122.6	-	-	-	-	-	-	-
24	156.2	156.2	157.7	157.7	157.4	157.4	155.7	156.8	147.4	157.7	133.8	146.9	118.6	119.6	97.2	97.2	-	-	-	-	-
28	126.7	129.7	128.7	131.0	128.3	130.6	127.2	132.4	118.4	131.1	115.6	129.0	105.8	116.5	93.4	93.4	83.5	83.5	-	-	-
32	99.6	101.6	102.6	111.4	104.8	112.6	103.3	112.5	101.7	111.4	96.3	111.4	92.6	109.5	86.2	90.7	80.1	81.4	71.0	71.0	-
36	-	-	85.1	97.3	85.9	99.0	85.3	98.4	86.7	97.2	82.3	99.0	81.5	97.1	74.8	87.3	70.5	78.1	64.2	69.2	-
40	-	-	70.6	85.7	70.0	86.3	72.8	85.8	71.9	87.6	74.3	86.3	69.8	84.5	65.5	83.0	62.9	74.4	57.5	66.8	-
48	-	-	-	-	52.7	69.0	52.8	69.7	55.4	70.1	54.3	69.0	52.4	70.0	50.9	67.7	48.1	63.1	46.9	58.1	-
56	-	-	-	-	41.6	56.8	42.6	58.3	42.2	57.7	41.3	57.9	40.6	58.0	39.3	54.0	38.9	50.6	37.4	48.3	-
64	-	-	-	-	-	-	33.6	49.1	33.3	48.4	32.3	50.0	33.1	48.7	32.4	45.3	31.7	42.4	31.0	39.3	-
72	-	-	-	-	-	-	27.2	40.8	26.8	43.1	27.6	41.8	27.5	40.1	26.1	37.7	25.9	36.1	25.6	34.7	-
80	-	-	-	-	-	-	-	-	23.0	35.4	23.6	34.3	22.7	32.8	21.8	32.1	22.0	30.9	21.8	29.4	-
88	-	-	-	-	-	-	-	-	12.5	12.5	19.9	28.6	18.7	27.4	18.9	27.5	18.6	26.7	17.8	24.8	-
96	-	-	-	-	-	-	-	-	-	-	16.8	24.2	16.2	24.1	16.3	24.2	15.4	22.2	16.1	22.4	-
104	-	-	-	-	-	-	-	-	-	-	12.0	12.0	14.7	13.7	20.3	14.0	19.0	13.8	19.2	-	
112	-	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0	11.7	12.2	17.1	11.6	16.2	-	
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	15.1	10.4	15.5	10.0	14.8	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	8.6	8.7	13.3	8.9	13.1	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	11.8	7.6	11.4	-	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.4	10.4	-	-
1)	45.9	45.9	33.7	33.7	26.5	26.5	20.9	20.9	16.5	16.5	13.7	13.7	10.6	10.6	8.6	8.6	6.6	6.6	5.3	5.3	-

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
40	55.6	60.2	50.3	51.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	43.6	54.4	42.3	49.2	39.4	41.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	36.5	45.7	33.0	43.6	32.6	39.5	31.2	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-
64	29.1	38.4	29.1	36.6	26.6	35.2	26.6	31.2	25.2	27.4	24.0	26.6	23.4	25.0	22.7	22.8	21.2	21.2	-	-	-
72	25.6	32.0	24.1	31.2	23.9	29.2	22.5	28.7	20.2	25.2	21.0	25.2	19.1	24.5	18.8	22.1	18.8	20.7	19.0	19.2	-
80	20.9	28.9	21.3	26.0	20.4	25.7	19.5	24.5	16.2	23.3	17.1	23.1	15.1	23.0	14.9	21.4	14.9	20.2	14.9	18.7	-
88	18.5	24.7	17.8	23.0	17.5	22.3	15.9	21.2	12.8	20.9	13.7	20.0	11.6	19.6	11.5	19.5	11.5	19.0	11.6	18.1	-
96	15.7	20.9	15.5	20.9	14.8	19.0	12.9	19.1	9.9	17.7	10.7	16.6	8.8	16.4	8.7	16.3	8.7	16.3	8.8	16.5	-
104	13.1	18.7	13.1	18.2	12.0	17.6	10.4	16.4	7.5	14.9	8.4	14.0	6.4	13.7	6.4	13.6	6.4	13.6	6.4	13.8	-
112	11.8	16.8	10.9	16.0	9.8	16.2	8.5	14.7	5.6	12.4	6.3	11.6	4.5	11.3	4.3	11.3	4.3	11.3	4.5	11.3	-
120	9.9	14.3	9.0	14.5	7.9	14.1	6.7	13.3	3.8	10.4	4.7	9.5	-	9.3	-	9.2	-	9.2	-	9.2	-
128	8.3	12.9	7.4	13.0	6.3	12.1	5.1	11.2	-	8.5	3.2	7.7	-	7.5	-	7.3	-	7.3	-	7.3	-
136	6.9	11.9	5.9	11.0	4.9	11.0	3.6	9.5	-	6.9	-	6.1	-	5.9	-	5.8	-	5.8	-	5.8	-
144	5.6	10.4	4.7	9.5	3.6	9.6	2.5	8.0	-	5.6	-	4.7	-	4.5	-	4.5	-	4.5	-	4.5	-
152	4.5	9.1	3.6	8.7	-	8.2	-	6.9	-	4.3	-	3.6	-	3.4	-	3.2	-	3.2	-	3.4	-
160	3.5	7.8	-	7.8	-	6.9	-	5.6	-	3.2	-	-	-	-	-	-	-	-	-	-	-
168	-	-	-	6.8	-	5.7	-	4.6	-	-	-	-	-	-	-	-	-	-	-	-	-
176	-	-	-	5.9	-	4.8	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-
184	-	-	-	-	-	3.9	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	2.9	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

0 lb		27.60 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	286.6	286.6	286.6	286.6	286.6	286.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	281.7	282.0	282.1	282.1	281.4	281.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	255.9	256.6	256.4	256.7	253.1	255.4	226.6	245.4	192.7	193.1	-	-	-	-	-	-	-	-	-	-	-
16	222.1	222.2	224.1	224.1	207.9	223.7	187.4	222.2	168.8	189.6	-	-	-	-	-	-	-	-	-	-	-
18	194.2	194.7	188.3	196.4	170.8	196.1	158.7	194.6	141.5	182.0	131.9	154.1	-	-	-	-	-	-	-	-	-
20	166.8	170.0	153.8	171.6	144.5	171.3	131.6	173.3	124.9	171.8	112.2	151.4	107.6	122.6	-	-	-	-	-	-	-
24	109.2	136.7	111.6	138.3	104.4	139.0	100.9	139.7	95.0	137.2	90.3	127.2	83.3	112.3	75.9	97.2	-	-	-	-	-
28	74.0	113.2	82.0	115.6	82.2	116.4	79.2	115.9	76.8	110.5	70.9	101.8	65.7	95.3	62.3	86.3	55.5	75.8	-	-	-
32	53.1	95.8	61.6	98.4	63.3	98.9	65.5	95.3	61.6	91.3	56.9	86.1	54.2	78.7	51.6	71.6	49.0	65.8	43.9	56.0	52.0
36	-	-	48.6	85.5	52.0	83.6	53.2	80.9	51.0	75.0	48.8	73.3	47.1	65.4	44.3	60.3	41.2	56.3	40.4	52.0	52.0
40	-	-	38.0	72.7	41.0	69.7	42.1	67.1	41.7	66.3	43.1	60.3	39.9	55.3	36.9	52.3	36.7	47.1	34.6	45.9	45.9
48	-	-	-	-	29.4	48.8	30.0	50.9	31.5	47.9	31.1	44.2	29.6	42.4	29.7	40.3	28.6	38.7	27.7	35.5	35.5
56	-	-	-	-	21.3	36.3	22.8	37.0	23.3	36.6	23.4	34.8	23.8	35.2	23.2	32.5	22.9	30.7	22.1	30.4	30.4
64	-	-	-	-	-	-	17.4	28.8	18.0	28.4	18.5	29.6	18.4	28.8	18.4	26.5	17.7	26.2	17.8	24.7	24.7
72	-	-	-	-	-	-	13.1	22.8	14.4	24.5	14.6	24.2	14.8	23.3	14.4	22.8	13.3	21.7	14.0	21.2	21.2
80	-	-	-	-	-	-	-	11.3	20.2	20.2	11.3	19.7	11.7	19.1	11.0	19.7	10.2	18.4	10.6	18.9	18.9
88	-	-	-	-	-	-	-	-	8.7	12.5	8.7	16.3	9.0	17.1	8.4	16.1	7.6	16.5	8.0	15.6	15.6
96	-	-	-	-	-	-	-	-	-	-	6.5	14.5	6.8	14.3	6.3	13.9	5.4	14.0	5.9	13.3	13.3
104	-	-	-	-	-	-	-	-	-	-	5.0	12.0	5.0	11.8	4.6	11.9	3.7	11.5	4.2	11.9	11.9
112	-	-	-	-	-	-	-	-	-	-	-	-	3.7	9.0	-	10.1	-	9.6	-	9.8	9.8
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-	8.0	-	8.2	8.2
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	-	6.5	-	6.7	6.7
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	-	5.5	5.5
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	4.5
1)	45.9	45.9	27.3	33.7	18.1	26.5	12.3	20.9	8.6	16.5	5.3	13.7	3.1	10.4	-	7.1	-	4.6	-	3.3	3.3


		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
36	36.6	39.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	34.5	42.4	31.5	40.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	26.5	34.6	24.8	32.6	22.4	31.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	21.0	28.0	18.9	27.6	16.8	25.6	14.3	23.3	-	-	-	-	-	-	-	-	-	-	-	-	-
64	16.3	24.6	14.3	22.6	12.3	21.6	9.7	19.2	-	15.6	-	14.5	-	14.3	-	14.0	-	14.0	-	-	-
72	12.4	20.6	10.4	19.7	8.5	17.7	6.0	15.3	-	12.0	-	10.9	-	10.7	-	10.7	-	10.7	-	10.7	10.7
80	9.3	17.4	7.6	16.3	5.6	14.5	-	12.3	-	9.1	-	8.1	-	7.9	-	7.5	-	7.5	-	7.3	7.3
88	6.8	15.4	5.2	13.5	3.5	11.8	-	9.5	-	6.5	-	5.4	-	5.1	-	4.9	-	4.8	-	4.8	4.8
96	4.9	12.9	3.4	11.1	-	9.3	-	7.1	-	4.2	-	3.2	-	3.0	-	2.8	-	2.8	-	2.8	2.8
104	3.3	10.6	-	9.1	-	7.3	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-
112	-	8.7	-	7.2	-	5.6	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	7.3	-	5.6	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	-	5.9	-	4.4	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	-	4.7	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	-	3.6	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

154,800 lb				23.00 ft x 29.10 ft				360° / Max.*				ASME B30.5									
ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
1,000 lb																					
10	286.6	286.6	286.6	286.6	286.6	286.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	282.8	285.2	282.8	284.9	282.4	285.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	263.9	272.8	263.9	270.6	262.8	272.7	246.9	248.0	193.1	193.1	-	-	-	-	-	-	-	-	-	-	-
16	241.3	251.3	241.3	249.9	241.6	250.2	239.4	245.5	189.6	189.6	-	-	-	-	-	-	-	-	-	-	-
18	222.7	232.7	222.9	232.4	224.0	232.0	222.9	231.8	188.1	188.1	154.1	154.1	-	-	-	-	-	-	-	-	-
20	205.5	215.4	205.7	216.0	206.8	215.1	205.7	216.0	187.2	187.2	153.0	153.0	122.6	122.6	-	-	-	-	-	-	-
24	178.6	188.6	179.9	188.8	179.7	189.6	178.8	188.8	177.1	179.9	149.7	149.7	119.6	119.6	97.2	97.2	-	-	-	-	-
28	156.7	161.4	158.5	167.1	158.3	168.0	157.3	167.1	156.8	165.0	146.4	146.4	116.5	116.5	93.4	93.4	83.5	83.5	-	-	-
32	108.6	108.6	141.1	148.1	141.0	148.0	139.9	147.0	141.5	145.3	138.7	143.1	112.8	112.8	90.7	90.7	81.4	81.4	71.0	71.0	-
36	-	-	123.1	131.9	123.0	131.4	121.7	130.2	123.3	131.0	121.5	129.9	108.2	108.2	87.3	87.3	78.1	78.1	69.2	69.2	-
40	-	-	103.9	113.9	105.1	116.2	106.9	114.9	105.4	116.5	103.2	114.7	102.4	103.4	83.6	83.6	74.4	74.4	66.8	66.8	-
48	-	-	-	-	81.2	93.5	80.8	94.9	79.4	93.7	81.2	91.9	79.2	91.4	75.2	75.2	64.6	64.6	59.2	59.2	-
56	-	-	-	-	61.6	68.6	63.8	78.6	65.4	77.5	64.2	76.6	63.1	77.4	63.9	67.8	56.4	56.4	52.3	52.3	-
64	-	-	-	-	-	-	53.8	66.6	53.3	65.3	52.6	66.8	53.8	65.1	51.9	61.2	49.5	49.5	46.2	46.2	-
72	-	-	-	-	-	-	44.3	45.8	44.5	57.9	46.0	56.7	44.7	54.5	43.2	55.9	42.5	44.2	40.7	40.7	-
80	-	-	-	-	-	-	-	-	39.6	47.7	39.5	48.3	38.2	47.9	36.6	47.8	35.9	39.7	35.6	36.0	-
88	-	-	-	-	-	-	-	-	12.5	12.5	34.2	41.7	33.1	43.2	32.2	41.3	30.6	35.6	30.6	32.4	-
96	-	-	-	-	-	-	-	-	-	-	30.0	34.0	28.8	37.8	27.9	35.9	27.9	32.3	26.4	29.3	-
104	-	-	-	-	-	-	-	-	-	-	12.0	12.0	25.3	33.4	24.9	31.6	24.7	29.2	22.9	26.8	-
112	-	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0	23.0	27.8	21.7	26.5	20.4	24.4	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.9	24.4	19.3	23.8	18.5	22.3	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	8.6	17.5	22.6	16.6	20.4	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.6	20.3	15.6	18.2	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4	16.2	-
1)	45.9	45.9	33.7	33.7	26.5	26.5	20.9	20.9	16.5	16.5	13.7	13.7	10.6	10.6	8.6	8.6	6.6	6.6	5.3	5.3	-


ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
1,000 lb																					
40	60.2	60.2	51.0	51.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	55.1	55.1	49.2	49.2	41.4	41.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	49.3	49.3	45.6	45.6	39.5	39.5	33.6	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-
64	43.9	43.9	41.4	41.4	36.2	36.2	31.2	31.2	27.4	27.4	26.6	26.6	25.0	25.0	22.8	22.8	21.2	21.2	-	-	-
72	39.3	39.3	37.1	37.1	33.1	33.1	28.7	28.7	25.2	25.2	25.2	25.2	24.5	24.5	22.1	22.1	20.7	20.7	19.2	19.2	-
80	34.9	35.1	33.4	33.4	30.4	30.4	26.6	26.6	23.3	23.3	23.3	23.3	23.3	23.3	21.4	21.4	20.2	20.2	18.7	18.7	-
88	30.2	31.2	29.8	30.0	27.8	27.8	24.8	24.8	21.5	21.5	21.7	21.7	21.7	21.7	20.4	20.4	19.5	19.5	18.1	18.1	-
96	26.7	28.0	25.9	26.9	25.4	25.4	23.2	23.2	20.2	20.2	20.2	20.2	20.2	20.2	19.3	19.3	18.5	18.5	17.4	17.4	-
104	23.1	25.1	23.4	24.3	22.8	23.2	21.8	21.8	18.9	18.9	18.9	18.9	18.9	19.1	19.1	18.0	18.0	17.5	17.5	16.4	16.4
112	20.1	22.8	20.6	21.9	20.1	21.1	20.2	20.2	17.8	17.8	17.8	17.8	17.8	17.6	17.6	16.9	16.9	16.5	16.5	15.6	15.6
120	18.1	20.8	18.2	19.8	18.2	19.2	18.2	18.6	16.6	16.6	16.4	16.4	16.4	16.2	16.2	15.6	15.6	15.4	15.4	14.7	14.7
128	16.4	19.2	16.0	18.1	16.6	17.4	16.0	17.2	15.6	15.6	15.2	15.2	14.9	14.9	14.5	14.5	14.3	14.3	13.8	13.8	-
136	14.9	17.6	14.4	16.6	14.8	15.8	14.3	15.7	14.6	14.6	14.1	14.1	13.7	13.7	13.5	13.5	13.2	13.2	13.0	13.0	-
144	13.5	16.2	13.3	15.3	13.1	14.6	13.5	14.2	13.1	13.7	12.6	13.1	12.4	12.4	12.4	12.4	12.2	12.2	12.2	12.2	-
152	12.2	14.5	12.0	14.0	12.2	13.3	12.4	12.9	11.7	12.9	11.3	12.0	11.3	11.5	11.3	11.3	11.3	11.3	11.1	11.1	-
160	11.2	12.8	11.0	12.9	11.4	12.3	11.0	11.9	10.4	12.0	9.9	10.9	9.9	10.5	9.9	10.3	10.0	10.3	10.2	10.3	-
168	-	-	10.2	11.7	10.5	11.4	9.8	11.1	9.2	11.0	8.7	9.9	8.7	9.7	8.7	9.5	8.9	9.5	9.2	9.5	-
176	-	-	9.6	10.3	9.6	10.5	8.8	10.5	8.1	10.1	7.8	9.0	7.7	8.7	7.7	8.5	7.7	8.5	8.1	8.7	-
184	-	-	-	-	8.8	9.9	7.8	9.8	7.0	9.1	7.1	8.0	6.6	7.9	6.6	7.7	6.6	7.7	6.9	7.9	-
192	-	-	-	-	-	-	6.9	9.1	6.0	8.2	6.5	7.1	5.5	7.1	5.5	6.9	5.5	6.9	5.8	7.1	-
200	-	-	-	-	-	-	6.1	8.4	5.0	7.4	5.8	6.5	4.6	6.3	4.6	6.2	4.6	6.2	5.0	6.3	-
208	-	-	-	-	-	-	-	-	4.2	6.3	5.1	5.8	3.7	5.6	3.7	5.6	3.7	5.6	4.2	5.6	-
216	-	-	-	-	-	-	-	-	3.6	4.9	4.5	5.1	2.9	4.9	2.9	4.9	2.9	4.9	3.4	4.9	-
224	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	4.3	-	4.3	-	4.3	-
1)	3.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

113,800 lb				23.00 ft x 29.10 ft				360° / Max.*				ASME B30.5									
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	286.6	286.6	286.6	286.6	286.6	286.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	281.0	285.2	281.0	284.9	280.7	285.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	258.4	272.8	258.4	270.6	258.4	272.7	246.9	248.0	193.1	193.1	-	-	-	-	-	-	-	-	-	-	-
16	236.7	251.3	236.7	249.9	236.9	250.2	236.1	245.5	189.6	189.6	-	-	-	-	-	-	-	-	-	-	-
18	218.7	232.7	218.8	232.4	219.2	232.0	218.8	231.8	188.1	188.1	154.1	154.1	-	-	-	-	-	-	-	-	-
20	201.7	215.2	203.1	215.9	202.9	214.9	201.9	215.8	186.9	187.2	153.0	153.0	122.6	122.6	-	-	-	-	-	-	-
24	175.3	185.3	176.6	185.5	176.4	186.4	175.4	185.1	171.6	177.8	149.5	149.7	119.6	119.6	97.2	97.2	-	-	-	-	-
28	147.9	157.8	149.6	159.2	149.3	158.9	148.0	157.6	148.6	156.1	136.3	146.4	116.5	116.5	93.4	93.4	83.5	83.5	-	-	-
32	105.2	108.4	119.5	136.8	119.3	136.4	121.2	135.1	119.7	136.8	115.0	134.1	110.3	112.8	90.7	90.7	81.4	81.4	71.0	71.0	-
36	-	-	99.1	119.8	99.9	119.5	100.7	118.6	99.2	119.8	98.2	118.0	96.5	108.2	87.3	87.3	78.1	78.1	69.2	69.2	-
40	-	-	83.3	102.9	83.7	104.5	83.3	106.0	85.3	104.7	83.9	103.0	81.8	102.7	82.5	83.6	74.2	74.4	66.8	66.8	-
48	-	-	-	-	62.8	84.5	64.7	85.2	64.0	83.9	64.3	84.3	64.5	83.9	62.5	75.5	61.2	64.6	58.2	59.2	-
56	-	-	-	-	51.0	64.5	50.8	70.3	51.8	70.0	51.9	70.7	50.6	69.0	49.6	67.8	48.1	56.4	48.0	52.3	-
64	-	-	-	-	-	-	41.9	59.3	43.0	60.7	42.1	59.6	41.0	57.8	40.3	59.2	39.9	49.5	39.3	46.2	-
72	-	-	-	-	-	-	36.1	45.6	35.6	52.2	35.0	51.1	34.0	51.9	33.4	50.7	33.4	44.2	33.0	40.7	-
80	-	-	-	-	-	-	-	-	30.4	44.4	29.7	44.3	29.1	45.6	29.7	44.0	28.2	39.7	27.7	36.0	-
88	-	-	-	-	-	-	-	-	12.5	12.5	25.4	40.7	25.7	40.3	25.4	38.5	24.1	35.6	24.4	32.4	-
96	-	-	-	-	-	-	-	-	-	-	22.4	33.8	23.2	35.7	21.9	33.9	20.9	32.3	21.0	29.3	-
104	-	-	-	-	-	-	-	-	-	-	12.0	12.0	20.4	32.0	19.1	30.2	19.0	29.2	18.2	26.8	-
112	-	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0	16.9	27.0	16.9	26.5	16.2	24.4	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2	23.9	15.4	23.8	14.9	22.3	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	8.6	13.7	22.5	13.4	20.4	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.2	20.2	12.0	18.2	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	16.2	-
1)	45.9	45.9	33.7	33.7	26.5	26.5	20.9	20.9	16.5	16.5	13.7	13.7	10.6	10.6	8.6	8.6	6.6	6.6	5.3	5.3	-


		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
40	60.2	60.2	51.0	51.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	55.1	55.1	49.2	49.2	41.4	41.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	47.0	49.3	45.0	45.6	39.5	39.5	33.6	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-
64	38.8	43.9	37.8	41.4	36.2	31.2	31.2	27.4	27.4	26.6	26.6	26.6	25.0	25.0	22.8	22.8	21.2	21.2	-	-	-
72	32.0	39.3	32.1	37.1	31.4	33.1	28.7	28.7	25.2	25.2	25.2	25.2	24.5	24.5	22.1	22.1	20.7	20.7	19.2	19.2	-
80	28.0	35.1	26.8	33.4	26.2	30.4	26.3	26.6	23.3	23.3	23.3	23.3	23.3	23.3	21.4	21.4	20.2	20.2	18.7	18.7	-
88	23.9	31.2	23.0	30.0	23.4	27.8	22.6	24.8	21.5	21.5	21.7	21.7	21.7	21.7	20.4	20.4	19.5	19.5	18.1	18.1	-
96	20.4	28.0	20.8	26.9	19.9	25.4	19.8	23.2	19.6	20.2	19.4	20.2	19.4	20.2	19.0	19.3	18.5	18.5	17.4	17.4	-
104	18.7	25.1	18.2	24.3	17.6	23.2	17.7	21.8	17.1	18.9	16.6	18.9	16.6	19.1	16.6	18.0	16.6	17.5	16.4	16.4	-
112	16.4	22.8	16.0	21.9	16.2	21.1	15.4	20.2	14.6	17.8	15.3	17.8	14.2	17.6	14.2	16.9	14.4	16.5	14.6	15.6	-
120	14.5	20.8	14.6	19.8	14.5	19.2	14.0	18.6	12.6	16.6	13.4	16.4	12.3	16.2	12.3	15.6	12.3	15.4	12.6	14.7	-
128	12.9	19.2	13.4	18.1	12.8	17.4	12.4	17.2	11.0	15.6	11.7	15.2	10.6	14.9	10.6	14.5	10.6	14.3	10.8	13.8	-
136	12.1	17.6	11.8	16.6	11.2	15.8	11.1	15.7	9.4	14.6	10.2	14.1	9.0	13.7	9.0	13.5	9.1	13.2	9.3	13.0	-
144	11.1	16.2	10.4	15.3	10.2	14.6	9.8	14.2	8.0	13.7	8.9	13.1	7.6	12.4	7.6	12.4	7.8	12.2	8.0	12.2	-
152	10.0	14.5	9.3	14.0	9.3	13.3	8.7	12.9	6.7	12.9	7.6	12.0	6.2	11.5	6.2	11.3	6.2	11.3	6.5	11.1	-
160	9.0	12.8	8.3	12.9	8.3	12.3	7.6	11.9	5.4	12.0	6.4	10.9	5.0	10.5	5.0	10.3	5.0	10.3	5.3	10.3	-
168	-	-	7.4	11.7	7.5	11.4	6.5	11.1	4.3	11.0	5.3	9.9	3.9	9.7	3.9	9.5	3.9	9.5	4.2	9.5	-
176	-	-	6.7	10.3	6.5	10.5	5.4	10.5	3.2	10.1	4.3	9.0	2.8	8.7	2.8	8.5	2.8	8.5	3.2	8.7	-
184	-	-	-	-	5.7	9.9	4.6	9.8	-	9.1	3.4	8.0	-	7.9	-	7.7	-	7.7	-	7.9	-
192	-	-	-	-	-	-	3.8	9.1	-	8.2	-	7.1	-	7.1	-	6.9	-	6.9	-	7.1	-
200	-	-	-	-	-	-	3.0	8.4	-	7.4	-	6.5	-	6.3	-	6.2	-	6.2	-	6.3	-
208	-	-	-	-	-	-	-	-	-	6.3	-	5.8	-	5.6	-	5.6	-	5.6	-	5.6	-
216	-	-	-	-	-	-	-	-	-	4.9	-	5.1	-	4.9	-	4.9	-	4.9	-	4.9	-
224	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	4.3	-	4.3	-	4.3	-
1)	3.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

41,200 lb		23.00 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	286.2	286.6	286.2	286.6	286.2	286.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	275.2	285.2	275.2	284.9	275.6	285.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	250.1	271.7	251.2	270.0	251.2	271.5	227.3	248.0	191.8	193.1	-	-	-	-	-	-	-	-	-	-	-
16	228.9	243.5	230.0	243.6	214.7	242.3	190.7	239.9	169.6	189.6	-	-	-	-	-	-	-	-	-	-	-
18	200.8	217.5	199.8	217.7	180.0	218.9	164.3	217.5	145.2	188.1	134.4	154.1	-	-	-	-	-	-	-	-	-
20	170.0	193.5	167.5	195.2	154.6	195.0	138.8	193.5	130.7	185.1	117.6	153.0	112.1	122.6	-	-	-	-	-	-	-
24	111.1	156.0	115.9	157.5	115.2	157.3	111.5	156.8	102.3	157.7	98.7	146.9	89.8	119.6	83.6	97.2	-	-	-	-	-
28	80.0	129.7	85.5	131.0	86.1	130.6	87.5	132.4	86.5	131.1	80.9	129.0	75.3	116.5	69.3	93.4	63.2	83.5	-	-	-
32	61.2	101.6	66.6	111.4	67.8	112.6	69.7	112.5	70.5	111.4	67.9	111.4	63.5	105.2	60.2	90.7	55.9	81.4	47.4	71.0	-
36	-	-	55.0	97.3	56.8	99.0	58.3	98.4	58.1	97.2	56.9	98.7	54.4	89.1	52.4	82.9	49.0	75.8	47.1	68.5	-
40	-	-	44.8	85.7	47.0	86.3	47.8	85.8	47.6	87.6	46.8	85.4	47.0	80.2	45.8	73.8	44.1	69.1	40.7	64.8	-
48	-	-	-	-	34.4	68.3	35.0	69.3	34.8	69.5	36.5	65.6	35.6	63.7	34.8	59.3	34.0	54.8	33.9	50.6	-
56	-	-	-	-	27.0	52.9	27.0	54.9	28.5	53.9	28.1	55.3	27.3	51.2	27.3	47.1	27.3	44.5	26.6	42.9	-
64	-	-	-	-	-	-	22.4	42.5	22.6	44.4	22.3	43.5	22.8	41.5	22.2	39.5	22.5	37.8	22.4	34.9	-
72	-	-	-	-	-	-	18.4	36.3	18.4	35.9	19.0	35.0	18.6	34.0	18.8	32.5	18.6	31.7	18.1	30.3	-
80	-	-	-	-	-	-	-	15.3	15.3	29.9	15.9	29.0	15.5	28.3	15.5	28.6	15.2	26.4	15.7	26.4	-
88	-	-	-	-	-	-	-	-	12.5	12.5	13.5	24.4	13.3	25.3	13.1	24.3	12.7	23.0	13.1	22.0	-
96	-	-	-	-	-	-	-	-	-	-	11.4	22.2	11.2	21.9	11.2	20.6	10.7	20.4	10.9	19.3	-
104	-	-	-	-	-	-	-	-	-	-	9.7	12.0	9.8	18.9	9.5	17.8	8.8	18.0	9.2	17.6	-
112	-	-	-	-	-	-	-	-	-	-	-	-	8.3	9.0	8.1	15.6	7.4	15.5	7.7	15.3	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	14.5	6.4	13.6	6.6	13.0	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	8.6	5.2	11.6	5.5	11.8	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1	10.7	4.4	10.8	-	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	9.3	-	-
1)	45.9	45.9	33.7	33.7	23.8	26.5	17.6	20.9	13.4	16.5	10.4	13.7	7.9	10.6	5.7	8.6	3.7	6.6	2.4	5.3	-


		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
40	39.5	59.6	37.5	50.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	31.7	48.7	31.3	45.6	29.4	40.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	26.8	39.4	25.4	38.4	24.6	35.8	22.1	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-
64	21.8	34.0	21.5	31.2	20.0	30.6	17.8	29.2	14.7	27.4	15.5	26.6	13.5	25.0	13.3	22.8	13.3	21.2	-	-	-
72	18.2	28.8	17.5	27.2	16.4	25.7	14.4	24.7	11.3	24.1	12.2	23.0	10.2	22.8	10.2	22.1	10.2	20.7	10.2	19.2	-
80	15.0	24.5	14.3	24.7	13.5	22.4	11.5	21.7	8.7	19.9	9.5	18.9	7.6	18.6	7.6	18.6	7.6	18.6	7.8	18.3	-
88	12.4	21.9	11.8	20.9	11.0	20.4	9.2	18.5	6.3	16.7	7.3	15.6	5.4	15.3	5.3	15.1	5.3	15.1	5.5	15.3	-
96	10.3	19.1	9.7	18.0	8.9	18.1	7.2	17.1	4.5	14.2	5.4	13.2	3.6	13.0	3.4	12.8	3.6	12.8	3.8	12.8	-
104	8.6	16.2	7.9	16.7	7.3	15.5	5.5	14.7	2.8	11.8	3.7	10.9	-	10.7	-	10.4	-	10.4	-	10.4	-
112	7.2	14.9	6.5	14.4	5.7	13.8	4.1	12.2	-	9.4	-	8.7	-	8.3	-	8.3	-	8.3	-	8.3	-
120	5.9	13.6	5.2	12.6	4.3	12.2	-	10.2	-	7.6	-	6.7	-	6.5	-	6.5	-	6.5	-	6.5	-
128	4.7	12.0	4.0	11.1	3.0	10.7	-	8.7	-	5.9	-	5.2	-	5.0	-	4.8	-	4.8	-	5.0	-
136	3.5	10.1	2.9	10.3	-	9.2	-	7.5	-	4.7	-	3.8	-	3.6	-	3.5	-	3.5	-	3.8	-
144	2.7	8.7	-	8.7	-	7.8	-	6.4	-	3.6	-	2.7	-	2.5	-	2.5	-	2.5	-	2.7	-
152	-	7.9	-	7.4	-	6.5	-	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	7.2	-	6.4	-	5.4	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-
168	-	-	-	5.5	-	4.5	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-
176	-	-	-	4.5	-	3.6	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-
184	-	-	-	-	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

0 lb		23.00 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	285.8	286.6	285.8	286.6	280.5	286.6	229.1	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	270.8	282.0	256.3	282.0	205.7	281.6	173.7	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	223.2	256.6	184.2	256.7	158.0	255.4	140.3	245.4	123.5	193.1	-	-	-	-	-	-	-	-	-	-	-
16	162.3	222.2	142.0	223.9	125.7	223.7	112.6	222.2	104.6	189.6	-	-	-	-	-	-	-	-	-	-	-
18	124.0	194.7	115.8	196.4	106.4	196.1	98.7	194.6	89.3	178.9	80.3	145.4	-	-	-	-	-	-	-	-	-
20	91.8	170.0	94.8	171.6	90.1	171.3	83.8	173.0	75.9	163.6	69.5	139.4	65.2	119.8	-	-	-	-	-	-	-
24	57.7	136.7	66.0	138.3	67.4	138.5	63.7	132.9	58.3	118.6	57.0	105.1	51.5	98.9	49.2	86.2	-	-	-	-	-
28	39.7	113.2	46.7	115.6	49.6	110.3	49.7	99.1	49.6	92.2	45.9	87.0	43.2	76.8	41.2	69.5	39.4	61.9	-	-	-
32	28.8	95.6	34.9	93.1	38.5	85.4	39.8	81.0	40.4	75.9	38.0	69.6	37.1	63.7	35.3	59.4	32.9	53.7	28.9	46.1	-
36	-	-	27.7	74.2	31.0	70.5	32.7	66.6	33.0	64.3	32.7	57.6	31.7	53.0	30.2	49.9	28.2	47.5	27.4	43.3	-
40	-	-	21.6	61.9	25.1	58.0	26.4	57.6	27.3	53.6	27.8	49.1	27.3	46.9	25.7	43.7	24.0	41.1	23.3	39.8	-
48	-	-	-	47.5	17.5	42.6	18.6	42.5	19.9	39.6	19.9	38.2	20.1	37.6	19.3	34.2	17.9	33.1	17.7	31.1	-
56	-	-	-	-	12.6	31.3	13.5	31.9	14.6	31.0	14.6	31.7	14.9	29.7	14.6	28.0	13.6	26.7	13.5	26.0	-
64	-	-	-	-	-	-	10.1	24.7	11.0	26.2	11.0	25.5	11.2	23.6	11.0	23.9	10.1	22.9	10.3	22.0	-
72	-	-	-	-	-	-	7.5	20.6	8.4	20.8	8.4	20.6	8.7	21.0	8.2	19.5	7.5	20.1	7.6	18.4	-
80	-	-	-	-	-	-	-	6.4	16.9	6.4	17.2	6.6	17.3	6.3	16.8	5.5	16.4	5.7	16.2	-	-
88	-	-	-	-	-	-	-	4.7	12.5	4.7	12.5	4.7	14.5	5.0	14.2	4.5	14.2	3.8	13.2	4.1	13.6
96	-	-	-	-	-	-	-	-	-	-	3.3	12.3	3.5	12.0	3.1	12.1	-	10.9	-	11.1	-
104	-	-	-	-	-	-	-	-	-	-	-	10.4	-	10.2	-	10.2	-	9.2	-	9.1	-
112	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	8.5	-	7.6	-	7.7	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.0	-	6.3	-	6.5	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	5.0	-	5.3	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	4.2	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	-
1)	26.5	45.6	15.4	33.7	10.1	26.5	6.8	19.8	4.6	14.3	2.4	11.0	-	8.4	-	5.5	-	3.5	-	2.2	-

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
36	-	39.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	21.4	36.8	17.7	35.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	16.0	30.6	13.9	28.8	12.0	26.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	11.9	25.1	10.2	23.9	8.5	21.9	-	18.9	-	-	-	-	-	-	-	-	-	-	-	-	-
64	8.9	20.9	7.3	19.4	5.6	17.6	-	15.3	-	12.1	-	10.9	-	10.5	-	10.4	-	10.4	-	-	-
72	6.4	17.7	4.9	15.7	3.6	14.0	-	12.0	-	9.1	-	8.2	-	7.8	-	7.6	-	7.6	-	7.6	-
80	4.6	15.1	-	12.9	-	11.0	-	9.1	-	6.2	-	5.3	-	4.9	-	4.7	-	4.7	-	4.7	-
88	2.9	12.5	-	10.7	-	8.8	-	6.7	-	3.9	-	-	-	-	-	-	-	-	-	-	-
96	-	10.1	-	8.6	-	7.1	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-
104	-	8.2	-	6.8	-	5.3	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-
112	-	6.5	-	5.2	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	5.2	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	-	4.2	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
144	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

113,800 lb		18.20 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	285.5	286.6	285.6	286.6	285.6	286.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	268.3	285.2	269.4	284.9	269.4	285.6	246.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	241.8	272.8	242.9	270.6	242.9	272.7	239.3	248.0	193.1	193.1	-	-	-	-	-	-	-	-	-	-	-
16	220.0	251.3	221.2	249.9	221.1	250.2	220.0	245.5	189.6	189.6	-	-	-	-	-	-	-	-	-	-	-
18	202.0	232.7	203.4	232.4	203.2	232.0	200.3	231.8	181.2	188.1	154.1	154.1	-	-	-	-	-	-	-	-	-
20	184.4	215.2	186.0	215.9	185.8	214.9	180.8	215.8	170.3	187.2	151.1	153.0	122.6	122.6	-	-	-	-	-	-	-
24	145.5	185.3	147.7	185.5	147.4	186.4	147.5	185.1	137.7	177.8	129.2	149.7	116.7	119.6	97.2	97.2	-	-	-	-	-
28	111.1	157.8	113.4	159.2	115.4	158.9	114.9	157.6	112.2	156.1	111.1	146.4	101.5	116.5	93.4	93.4	83.5	83.5	-	-	-
32	88.8	108.4	91.8	136.8	92.5	136.4	93.0	135.1	94.0	136.8	92.4	134.1	92.0	112.8	85.2	90.7	79.4	81.4	71.0	71.0	71.0
36	-	-	77.1	119.8	77.7	119.5	79.9	118.6	79.1	119.8	78.3	118.0	79.6	108.2	74.7	87.3	71.2	78.1	65.5	69.2	69.2
40	-	-	65.7	102.9	67.0	104.5	67.0	106.0	68.2	104.7	68.3	103.0	66.7	102.7	65.9	83.6	63.7	74.4	59.9	66.8	66.8
48	-	-	-	-	50.9	84.5	52.3	85.2	52.8	83.9	52.0	84.3	50.7	83.9	50.4	75.5	49.6	64.6	48.9	59.2	59.2
56	-	-	-	-	41.5	64.5	42.1	70.3	41.8	70.0	41.2	70.7	40.6	69.0	39.6	67.8	39.8	56.4	39.1	52.3	52.3
64	-	-	-	-	-	-	34.4	59.3	34.0	60.7	33.4	59.6	33.1	57.8	33.5	59.2	32.1	49.5	32.5	46.2	46.2
72	-	-	-	-	-	-	28.8	45.6	28.3	52.2	27.7	51.1	28.8	51.9	27.7	50.7	27.6	44.2	26.8	40.7	40.7
80	-	-	-	-	-	-	-	24.1	44.4	25.1	44.3	24.5	45.6	23.5	44.0	23.4	39.7	23.2	36.0	36.0	36.0
88	-	-	-	-	-	-	-	12.5	12.5	21.8	40.7	21.0	40.3	20.4	38.5	20.4	35.6	20.4	32.4	32.4	32.4
96	-	-	-	-	-	-	-	-	-	18.9	33.8	18.2	35.7	17.7	33.9	17.8	32.3	17.6	29.3	29.3	29.3
104	-	-	-	-	-	-	-	-	-	12.0	12.0	15.7	32.0	16.3	30.2	15.7	29.2	15.1	26.8	26.8	26.8
112	-	-	-	-	-	-	-	-	-	-	-	9.0	9.0	14.4	26.7	13.6	26.0	13.8	24.4	24.4	24.4
120	-	-	-	-	-	-	-	-	-	-	-	-	12.7	23.5	12.2	23.8	12.6	22.1	11.9	19.7	19.7
128	-	-	-	-	-	-	-	-	-	-	-	-	8.6	8.6	11.2	22.1	11.1	19.7	17.5	17.5	17.5
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	20.0	9.9	17.5	15.3	15.3	15.3
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	15.3	15.3	15.3
1)	45.9	45.9	33.7	33.7	26.5	26.5	20.9	20.9	16.5	16.5	13.7	13.7	10.6	10.6	8.6	8.6	6.6	6.6	5.3	5.3	5.3

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9	
ft		1,000 lb																				
40	57.0	60.2	50.7	51.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
48	47.0	55.1	44.5	49.2	40.8	41.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
56	38.4	49.3	37.7	45.6	36.0	39.5	33.6	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-	
64	31.8	43.9	30.7	41.4	30.6	36.2	29.7	31.2	27.4	27.4	26.6	26.6	25.0	22.8	22.8	21.2	21.2	-	-	-	-	
72	26.3	39.3	26.7	37.1	25.7	33.1	25.0	28.7	25.2	25.2	24.3	25.2	24.1	24.5	22.1	22.1	20.7	20.7	19.2	19.2	19.2	
80	23.2	35.1	22.6	33.4	22.2	30.4	22.1	26.6	21.3	23.3	20.6	23.3	20.4	23.3	20.2	21.4	19.9	20.2	18.6	18.7	18.7	
88	19.7	31.2	19.6	30.0	19.7	27.8	19.1	24.8	17.9	21.5	18.4	21.7	17.2	21.7	17.1	20.4	17.1	19.5	17.2	18.1	18.1	
96	17.2	28.0	17.5	26.9	16.9	25.4	16.7	23.2	15.1	20.2	15.8	20.2	14.5	20.2	14.4	19.3	14.4	18.5	14.6	17.4	17.4	
104	15.8	25.1	15.1	24.3	14.9	23.2	14.4	21.8	12.6	18.9	13.5	18.9	12.2	19.1	12.2	18.0	12.2	17.5	12.2	16.4	16.4	
112	14.0	22.8	13.2	21.9	13.3	21.1	12.5	20.2	10.7	17.8	11.4	17.8	10.3	17.6	10.0	16.9	10.0	16.5	10.3	15.6	15.6	
120	12.2	20.8	12.0	19.8	11.5	19.2	10.6	18.6	8.9	16.6	9.8	16.4	8.4	16.2	8.4	15.6	8.4	15.4	8.7	14.7	14.7	
128	10.7	19.2	10.7	18.1	10.0	17.4	9.1	17.2	7.5	15.6	8.3	15.2	6.8	14.9	6.8	14.5	6.9	14.3	7.0	13.8	13.8	
136	9.3	17.6	9.5	16.6	8.7	15.8	8.0	15.7	5.9	14.6	6.9	14.1	5.4	13.7	5.4	13.5	5.6	13.2	5.6	13.0	13.0	
144	8.4	15.5	8.2	15.3	7.5	14.6	6.7	14.2	4.5	13.7	5.6	13.1	4.0	12.4	4.0	12.4	4.2	12.2	4.5	12.2	12.2	
152	7.8	13.6	7.4	14.0	6.7	13.3	5.6	12.9	3.4	12.9	4.3	12.0	-	11.5	-	11.3	2.9	11.3	3.2	11.1	11.1	
160	7.0	11.9	6.4	12.6	5.6	12.3	4.5	11.9	-	12.0	3.3	10.9	-	10.5	-	10.3	-	10.3	-	10.3	10.3	
168	-	-	5.6	11.0	4.6	11.4	3.6	11.1	-	11.0	-	9.9	-	9.7	-	9.5	-	9.5	-	9.5	9.5	
176	-	-	4.7	10.0	3.7	10.5	2.8	10.5	-	10.1	-	9.0	-	8.7	-	8.5	-	8.5	-	8.7	8.7	
184	-	-	-	3.0	9.9	-	9.8	-	9.1	-	8.0	-	8.0	-	7.9	-	7.7	-	7.7	-	7.9	7.9
192	-	-	-	-	-	-	9.1	-	8.2	-	7.1	-	7.1	-	6.9	-	6.9	-	6.9	-	7.1	7.1
200	-	-	-	-	-	-	8.1	-	7.2	-	6.5	-	6.5	-	6.3	-	6.2	-	6.2	-	6.3	6.3
208	-	-	-	-	-	-	-	-	6.1	-	5.8	-	5.8	-	5.6	-	5.6	-	5.6	-	5.6	5.6
216	-	-	-	-	-	-	-	-	4.9	-	5.1	-	4.9	-	4.9	-	4.9	-	4.9	-	4.9	4.9
224	-	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	4.1	-	4.1	-	4.3	4.3	
1)	3.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	


1) Capacities with horizontal boom


* Max. values are valid only for specific superstructure positions

41,200 lb		18.20 ft x 29.10 ft										360° / Max.*				ASME B30.5					
ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	284.1	286.6	284.2	286.6	281.2	286.6	234.8	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	253.2	285.2	248.4	284.9	217.2	285.6	191.6	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	221.3	271.7	200.2	270.0	178.3	271.5	156.1	248.0	143.7	193.1	-	-	-	-	-	-	-	-	-	-	-
16	177.2	243.5	162.6	243.6	147.0	242.3	135.8	239.9	122.1	189.6	-	-	-	-	-	-	-	-	-	-	-
18	139.9	217.5	137.4	217.7	125.8	218.9	118.1	217.5	109.4	188.1	101.6	154.1	-	-	-	-	-	-	-	-	-
20	107.8	193.5	114.5	195.2	111.0	195.0	102.0	193.5	97.8	185.1	89.4	153.0	82.3	122.6	64.0	-	-	-	-	-	-
24	75.1	156.0	81.0	157.5	82.7	157.3	83.6	156.8	78.5	157.7	72.2	146.2	68.2	119.6	54.4	97.2	-	-	-	-	-
28	55.7	129.7	61.8	131.0	64.4	130.6	65.2	132.4	64.0	131.1	60.9	123.1	57.6	112.9	46.3	93.4	49.5	83.5	-	-	-
32	43.2	101.6	48.6	111.4	50.9	112.6	51.8	112.5	51.5	111.4	51.1	106.9	49.9	96.0	40.2	90.7	44.8	81.4	40.8	71.0	-
36	-	-	40.1	97.3	42.3	99.0	43.1	98.4	42.8	94.2	44.3	90.6	42.7	84.5	36.3	79.3	39.5	72.4	36.9	65.4	-
40	-	-	32.7	85.3	35.6	85.7	35.6	85.3	37.3	83.5	37.1	77.0	36.0	75.9	27.4	69.6	34.2	63.9	34.0	59.8	-
48	-	-	-	-	26.2	64.6	27.4	65.6	27.9	63.3	27.4	62.9	28.3	57.8	21.9	54.1	28.1	50.9	27.0	48.7	-
56	-	-	-	-	20.0	49.5	21.5	49.7	21.5	50.9	22.1	49.0	21.9	46.1	17.7	43.1	21.7	41.6	21.8	39.4	-
64	-	-	-	-	-	-	16.9	40.0	17.3	40.4	17.8	39.2	17.6	36.7	14.2	35.5	17.1	34.3	17.3	33.2	-
72	-	-	-	-	-	-	13.5	32.8	14.4	32.4	14.4	31.3	14.6	30.6	11.7	30.3	13.7	28.3	14.0	28.1	-
80	-	-	-	-	-	-	-	11.8	26.8	11.8	26.8	11.8	26.0	12.0	27.2	9.6	25.7	11.1	24.8	11.3	23.3
88	-	-	-	-	-	-	-	-	9.7	12.5	9.7	23.2	9.9	23.0	8.0	21.1	9.1	21.1	9.3	21.0	-
96	-	-	-	-	-	-	-	-	-	-	8.1	20.5	8.2	19.5	6.6	18.6	7.3	18.4	7.5	18.2	-
104	-	-	-	-	-	-	-	-	-	-	6.8	12.0	6.8	16.8	5.2	16.4	5.9	16.3	6.1	15.1	-
112	-	-	-	-	-	-	-	-	-	-	-	-	5.7	9.0	4.2	15.1	4.6	14.0	5.0	13.8	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.2	13.0	3.5	12.2	3.7	12.6	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	-	11.1	2.6	11.0	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	-	9.4	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.0	-
1)	40.3	45.6	24.9	33.7	17.6	26.5	12.8	20.9	9.7	16.5	7.1	13.7	5.3	10.6	2.9	8.6	-	6.6	-	5.3	-

ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
36	33.5	39.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	32.1	56.4	29.5	50.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	26.5	44.9	24.2	43.4	22.3	39.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	21.2	38.1	19.3	34.5	17.5	33.3	15.3	31.9	-	-	-	-	-	-	-	-	-	-	-	-	-
64	16.7	31.2	15.5	29.5	13.9	28.1	11.9	26.9	8.8	26.1	9.7	24.8	-	24.2	-	22.8	-	21.2	-	-	-
72	13.3	26.3	12.4	25.7	10.9	24.1	9.1	23.5	6.2	21.7	7.1	20.6	-	19.9	-	19.7	-	19.7	-	19.2	-
80	10.9	23.7	10.0	21.9	8.5	21.8	6.8	19.6	3.9	17.7	5.0	16.9	-	16.5	-	16.4	-	16.5	-	16.6	-
88	8.7	19.9	8.0	19.6	6.6	18.9	4.9	17.6	-	14.4	3.1	13.6	-	13.3	-	13.2	-	13.3	-	13.3	-
96	7.1	17.2	6.2	17.2	4.9	16.3	3.3	15.1	-	12.0	-	11.2	-	10.9	-	10.7	-	10.7	-	10.6	-
104	5.7	15.8	4.8	14.8	3.5	14.4	-	12.5	-	9.6	-	8.9	-	8.5	-	8.5	-	8.5	-	8.5	-
112	4.1	13.8	3.5	13.2	-	12.3	-	10.3	-	7.6	-	6.7	-	6.5	-	6.5	-	6.5	-	6.5	-
120	3.1	11.6	-	11.8	-	10.6	-	8.7	-	5.8	-	5.0	-	4.9	-	4.7	-	4.7	-	4.8	-
128	-	10.2	-	9.8	-	8.8	-	7.3	-	4.6	-	3.7	-	3.5	-	3.3	-	3.3	-	3.5	-
136	-	9.2	-	8.4	-	7.2	-	5.8	-	3.4	-	2.7	-	2.4	-	2.4	-	2.4	-	2.4	-
144	-	8.4	-	7.3	-	5.8	-	4.7	-	2.3	-	-	-	-	-	-	-	-	-	-	-
152	-	6.9	-	6.2	-	5.0	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	5.9	-	5.2	-	4.2	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-
168	-	-	-	4.2	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
176	-	-	-	3.4	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

0 lb		18.20 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	251.4	286.6	198.3	286.6	162.2	286.6	138.0	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	165.8	282.0	144.6	282.0	124.8	281.6	113.0	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	120.0	256.6	110.1	256.7	102.2	255.4	91.4	245.4	80.8	193.1	-	-	-	-	-	-	-	-	-	-	-
16	91.6	222.2	89.8	223.9	83.4	223.7	76.0	222.2	70.8	189.6	64.9	-	-	-	-	-	-	-	-	-	-
18	71.2	194.7	74.8	196.4	70.7	196.1	65.2	190.5	62.6	167.1	56.7	140.5	-	-	-	-	-	-	-	-	-
20	53.3	170.0	61.6	171.6	61.4	170.5	57.8	170.2	54.1	139.9	50.6	129.0	48.1	112.3	-	-	-	-	-	-	-
24	34.9	136.7	41.9	136.4	46.0	131.1	45.4	113.3	42.5	105.7	41.0	98.9	38.6	87.7	35.5	78.7	-	-	-	-	-
28	24.2	108.5	30.3	105.7	34.0	94.9	35.6	88.8	35.3	84.6	33.3	76.2	31.6	69.8	29.1	64.1	27.1	56.6	-	-	-
32	17.3	81.1	22.7	82.6	26.5	75.7	27.9	72.9	28.9	67.3	27.5	61.5	26.2	57.2	24.2	52.9	22.5	50.1	18.9	44.6	-
36	-	-	17.8	64.8	21.4	61.1	22.6	61.5	23.9	56.2	23.2	50.7	22.2	48.4	20.6	45.9	19.0	42.7	18.5	41.2	-
40	-	-	13.7	52.6	17.0	52.7	18.1	50.0	19.3	46.6	19.4	44.5	18.8	42.6	17.2	39.8	15.9	38.5	15.5	35.9	-
48	-	-	-	-	11.5	37.1	12.6	36.1	13.4	34.8	13.7	35.9	13.7	33.4	12.5	31.7	11.4	30.1	11.2	29.5	-
56	-	-	-	-	7.7	27.7	8.7	27.6	9.6	28.9	9.8	27.9	10.0	26.1	9.1	26.3	8.0	25.6	8.0	24.1	-
64	-	-	-	-	-	-	6.0	22.8	6.9	22.7	7.1	22.3	7.3	22.4	6.4	21.0	5.3	21.3	5.5	20.3	-
72	-	-	-	-	-	-	3.8	18.4	4.9	18.4	4.9	18.8	5.1	18.4	4.5	17.7	3.3	17.3	3.6	17.3	-
80	-	-	-	-	-	-	-	-	-	15.2	-	15.4	3.3	15.2	-	14.9	-	13.9	-	14.3	-
88	-	-	-	-	-	-	-	-	-	12.4	-	13.1	-	12.5	-	12.7	-	11.4	-	11.5	-
96	-	-	-	-	-	-	-	-	-	-	-	10.8	-	10.6	-	10.1	-	9.2	-	9.5	-
104	-	-	-	-	-	-	-	-	-	-	-	9.0	-	9.0	-	8.2	-	7.5	-	7.7	-
112	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-	6.8	-	5.9	-	6.1	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	4.7	-	4.8	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	3.7	-	3.7	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	2.8	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2	-
1)	15.7	45.6	9.3	33.7	6.0	24.7	3.1	17.4	-	13.0	-	9.5	-	7.1	-	4.4	-	2.4	-	-	-


		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
36	-	37.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	13.8	35.3	-	33.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	9.7	28.1	-	27.0	-	24.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	6.8	23.2	-	21.5	-	19.3	-	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-
64	4.2	18.9	-	17.3	-	15.5	-	13.1	-	10.0	-	9.1	-	8.9	-	8.7	-	8.7	-	-	-
72	2.5	15.9	-	13.7	-	12.2	-	10.0	-	7.1	-	6.2	-	6.0	-	5.8	-	5.8	-	5.6	-
80	-	13.0	-	11.3	-	9.3	-	7.3	-	4.5	-	-	-	-	-	-	-	-	-	-	-
88	-	10.4	-	9.0	-	7.4	-	5.2	-	-	-	-	-	-	-	-	-	-	-	-	-
96	-	8.3	-	7.0	-	5.4	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-
104	-	6.6	-	5.1	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	-	5.4	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	4.1	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
128	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions

41,200 lb		13.60 ft x 29.10 ft										360° / Max.*				ASME B30.5					
ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	236.5	286.6	205.2	286.6	175.4	286.6	157.0	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	179.5	285.2	160.2	284.9	145.3	285.6	128.9	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	139.5	271.7	132.3	270.0	120.4	271.5	112.8	248.0	102.2	193.1	-	-	-	-	-	-	-	-	-	-	-
16	107.3	243.5	110.4	243.6	103.1	242.3	96.8	239.9	88.5	189.6	75.0	-	-	-	-	-	-	-	-	-	-
18	86.8	217.5	92.1	217.7	91.7	218.9	85.2	217.5	78.4	188.1	72.6	154.1	-	-	-	-	-	-	-	-	-
20	69.7	193.5	76.7	195.2	79.4	195.0	74.8	193.5	69.2	185.1	66.7	153.0	61.5	122.6	-	-	-	-	-	-	-
24	50.1	156.0	56.1	157.5	58.7	157.3	59.4	156.8	56.4	157.7	55.2	144.1	50.5	119.6	49.0	97.2	-	-	-	-	-
28	37.6	129.7	43.1	131.0	46.3	130.6	46.1	132.4	48.1	129.9	46.1	120.4	43.6	110.4	41.7	93.4	40.4	83.5	-	-	-
32	29.2	101.6	34.2	111.4	37.1	112.6	38.5	112.5	38.9	105.1	38.3	102.0	38.2	92.6	36.6	88.1	34.6	81.4	31.0	71.0	-
36	-	-	28.2	96.2	31.0	96.9	32.3	95.2	32.6	91.6	33.0	86.0	32.7	82.0	32.1	76.2	30.2	71.3	29.5	64.3	-
40	-	-	23.0	82.8	26.1	83.3	27.2	79.9	27.8	78.2	28.3	75.0	28.1	71.5	27.8	66.7	26.2	63.5	25.8	57.4	-
48	-	-	-	-	19.1	59.6	20.0	60.3	21.1	58.5	21.1	58.4	21.5	54.4	21.1	51.3	20.2	48.2	20.2	46.6	-
56	-	-	-	-	14.3	46.1	15.2	46.4	16.2	47.0	16.3	45.0	16.5	42.6	16.2	40.5	15.4	39.5	15.9	37.6	-
64	-	-	-	-	-	-	11.8	37.8	12.6	36.9	12.8	35.5	13.0	34.1	12.6	34.2	11.9	31.7	12.3	31.4	-
72	-	-	-	-	-	-	9.1	30.4	10.0	30.1	10.0	28.4	10.2	29.8	10.0	27.7	9.3	27.6	9.5	25.9	-
80	-	-	-	-	-	-	-	-	7.9	24.7	8.1	25.2	8.1	24.6	7.9	23.4	7.2	22.6	7.6	23.0	-
88	-	-	-	-	-	-	-	-	6.4	12.5	6.4	22.1	6.6	21.1	6.3	19.6	5.6	20.0	5.8	19.2	-
96	-	-	-	-	-	-	-	-	-	-	5.0	18.8	5.3	17.6	4.8	17.7	4.0	16.9	4.4	16.3	-
104	-	-	-	-	-	-	-	-	-	-	3.7	12.0	3.9	15.3	3.5	15.5	2.8	14.3	3.0	14.9	-
112	-	-	-	-	-	-	-	-	-	-	-	-	-	9.0	-	13.1	-	12.9	-	13.1	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	-	11.7	-	11.2	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6	-	10.5	-	9.5	-
136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.1	-	8.3	-
144	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-
1)	27.1	45.6	17.2	33.7	12.1	26.5	8.6	20.9	6.4	16.5	4.0	13.7	2.2	10.6	-	8.6	-	6.6	-	5.3	-

ft		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
40	23.8	55.6	20.5	50.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	18.5	43.5	16.6	41.8	14.8	39.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	14.6	36.3	12.8	32.6	11.2	32.3	9.2	30.8	-	-	-	-	-	-	-	-	-	-	-	-	-
64	11.4	29.1	9.8	28.8	8.3	26.6	6.4	26.4	-	24.8	-	23.8	-	23.0	-	22.5	-	21.2	-	-	-
72	8.9	25.9	7.3	24.1	6.0	23.9	4.2	21.7	-	20.2	-	19.0	-	18.8	-	18.8	-	18.8	-	18.5	-
80	6.8	21.9	5.5	21.5	4.2	20.4	-	19.3	-	16.2	-	15.3	-	15.1	-	14.9	-	14.9	-	15.1	-
88	5.1	18.6	3.9	19.1	-	17.8	-	16.2	-	13.2	-	12.3	-	12.2	-	12.0	-	12.0	-	12.0	-
96	3.7	16.9	-	15.7	-	15.6	-	13.4	-	10.5	-	9.6	-	9.4	-	9.3	-	9.3	-	9.4	-
104	-	14.4	-	14.1	-	12.9	-	11.1	-	8.4	-	7.5	-	7.3	-	7.2	-	7.2	-	7.1	-
112	-	12.1	-	12.2	-	10.7	-	8.9	-	6.3	-	5.6	-	5.4	-	5.4	-	5.4	-	5.4	-
120	-	11.0	-	10.1	-	9.3	-	7.3	-	4.7	-	4.0	-	3.8	-	3.8	-	3.8	-	3.9	-
128	-	9.7	-	8.4	-	7.5	-	6.1	-	3.4	-	-	-	-	-	-	-	-	-	-	-
136	-	8.2	-	7.2	-	6.0	-	4.7	-	-	-	-	-	-	-	-	-	-	-	-	-
144	-	6.9	-	6.0	-	4.9	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-
152	-	5.9	-	4.9	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
160	-	5.2	-	3.9	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
168	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
176	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-


1) Capacities with horizontal boom
 * Max. values are valid only for specific superstructure positions


0 lb		13.60 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	117.2	286.6	107.9	286.6	95.8	286.6	84.2	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	85.2	282.0	82.7	282.0	77.7	281.6	71.1	248.0	-	-	-	-	-	-	-	-	-	-	-	-	-
14	64.9	256.6	65.6	256.7	63.5	255.4	59.2	245.4	55.2	193.1	-	-	-	-	-	-	-	-	-	-	-
16	49.5	222.2	53.5	223.9	52.9	223.7	50.2	222.2	47.3	189.6	41.6	-	-	-	-	-	-	-	-	-	-
18	38.8	194.7	44.7	196.4	45.4	196.1	43.5	181.4	41.5	162.0	38.4	137.0	-	-	-	-	-	-	-	-	-
20	29.7	170.0	36.7	171.4	38.7	168.9	37.4	153.1	36.2	134.4	33.6	122.2	31.4	112.0	-	-	-	-	-	-	-
24	19.2	134.2	25.3	130.8	29.3	117.8	29.1	109.0	28.4	97.2	26.7	94.0	25.1	84.1	22.8	76.0	-	-	-	-	-
28	12.6	99.0	18.1	93.1	21.8	87.0	22.9	81.2	22.8	78.6	21.4	70.9	20.3	65.0	18.4	61.0	16.9	53.8	-	-	-
32	7.9	68.8	13.2	72.1	16.6	68.4	17.9	67.1	18.5	62.2	17.5	56.9	16.6	54.0	15.0	50.0	13.6	47.3	-	43.1	-
36	-	-	9.9	57.0	13.1	56.4	14.4	55.8	15.2	51.0	14.5	48.3	13.8	46.6	12.4	43.4	11.1	40.9	11.0	39.7	-
40	-	-	6.9	44.3	10.0	45.8	11.3	45.0	12.2	43.1	11.8	43.0	11.4	40.0	10.1	36.7	8.8	36.5	8.8	34.6	-
48	-	-	-	-	6.2	32.6	7.2	32.4	8.2	33.6	8.1	33.1	7.6	30.4	6.7	30.5	5.5	29.0	5.5	28.2	-
56	-	-	-	-	-	25.2	4.2	26.1	5.3	26.0	5.3	25.1	5.0	25.2	4.1	23.9	3.0	24.0	3.2	22.9	-
64	-	-	-	-	-	-	-	20.7	3.1	20.5	3.1	20.7	3.0	20.3	-	20.0	-	19.5	-	19.2	-
72	-	-	-	-	-	-	-	16.6	-	17.0	-	17.0	-	17.0	-	16.4	-	15.7	-	15.7	-
80	-	-	-	-	-	-	-	-	-	13.9	-	13.9	-	13.6	-	13.5	-	12.4	-	12.8	-
88	-	-	-	-	-	-	-	-	-	11.5	-	11.5	-	11.3	-	10.9	-	10.1	-	10.2	-
96	-	-	-	-	-	-	-	-	-	-	-	9.4	-	9.4	-	8.7	-	7.9	-	8.3	-
104	-	-	-	-	-	-	-	-	-	-	-	7.7	-	7.7	-	7.0	-	6.2	-	6.6	-
112	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	5.9	-	4.8	-	5.0	-
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	-	3.7	-	3.7	-
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	2.6	-	3.0	-
1)	6.8	45.6	3.3	32.2	-	22.0	-	15.7	-	11.5	-	8.2	-	5.7	-	3.3	-	-	-	-	-

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
36	-	36,2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	34,2	-	31,6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	-	26,8	-	25,4	-	23,4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	-	22,0	-	20,0	-	18,2	-	15,9	-	-	-	-	-	-	-	-	-	-	-	-	-
64	-	17,8	-	15,8	-	14,2	-	12,2	-	9,0	-	8,0	-	7,8	-	7,6	-	7,6	-	-	-
72	-	14,2	-	12,6	-	11,1	-	8,9	-	5,8	-	4,9	-	4,7	-	4,5	-	4,5	-	4,5	-
80	-	11,7	-	9,8	-	8,2	-	6,3	-	-	-	-	-	-	-	-	-	-	-	-	-
88	-	9,2	-	7,7	-	6,2	-	4,1	-	-	-	-	-	-	-	-	-	-	-	-	-
96	-	7,2	-	5,8	-	4,3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	-	5,7	-	4,2	-	2,8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	-	4,3	-	3,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	-	3,1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

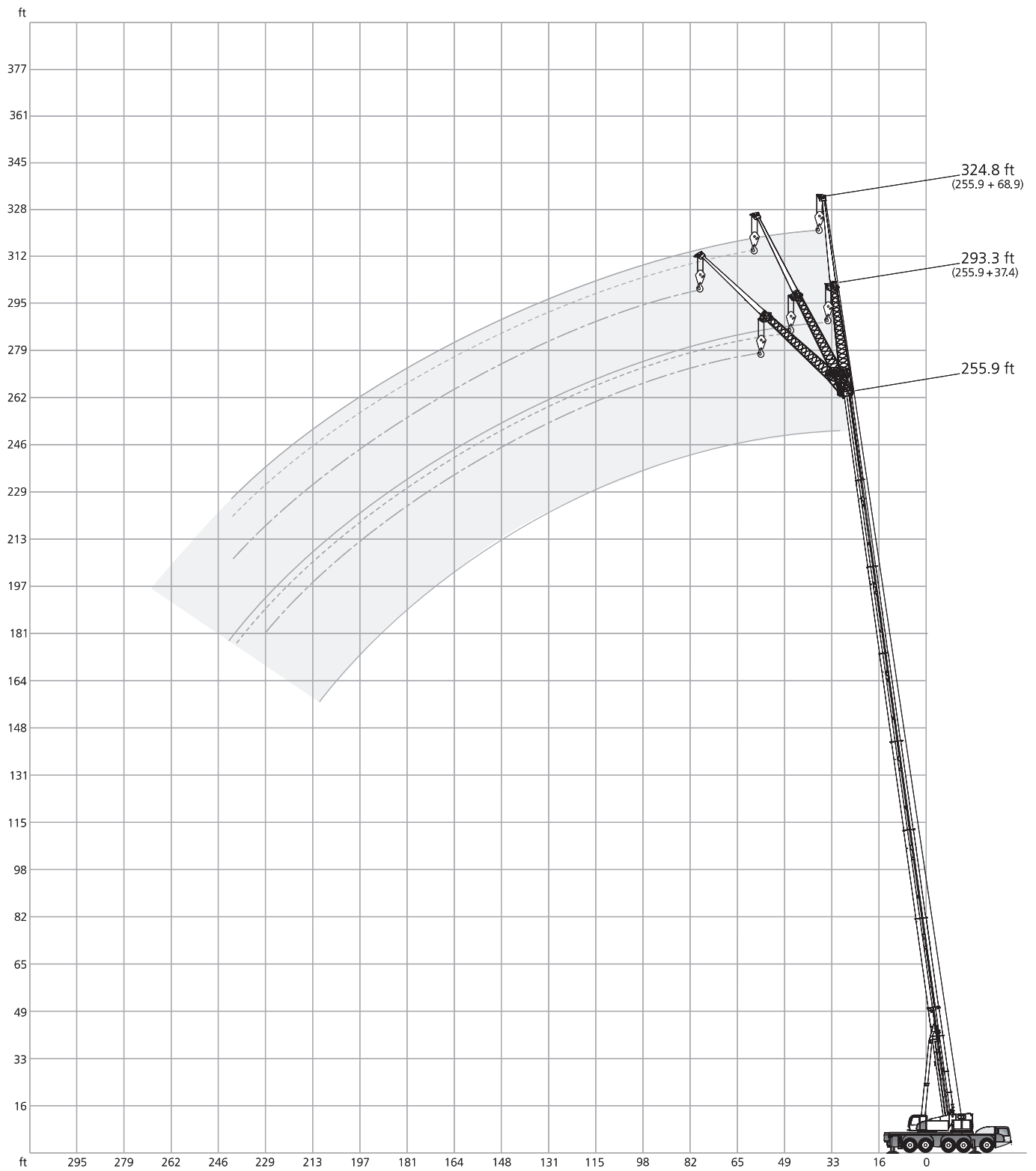
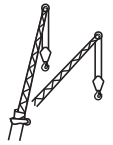
0 lb		9.00 ft x 29.10 ft										360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		42.0	42.0	55.4	55.4	68.9	68.9	82.3	82.3	95.8	95.8	109.3	109.3	122.7	122.7	136.2	136.2	149.6	149.6	162.4	162.4
ft		1,000 lb																			
10	53.8	286.6	54.2	286.6	52.1	157.1	48.5	102.0	-	-	-	-	-	-	-	-	-	-	-	-	-
12	40.2	282.0	42.8	282.0	42.4	157.2	40.3	103.4	-	-	-	-	-	-	-	-	-	-	-	-	-
14	29.9	256.6	34.5	256.7	35.1	161.9	33.8	105.1	32.2	75.2	-	-	-	-	-	-	-	-	-	-	-
16	21.9	222.2	28.1	223.9	29.5	167.3	28.5	107.0	27.5	74.1	23.5	57.9	-	-	-	-	-	-	-	-	-
18	16.9	194.7	22.8	196.4	25.2	167.3	24.7	105.0	23.9	75.2	22.2	58.4	-	-	-	-	-	-	-	-	-
20	12.5	170.0	18.0	170.3	21.3	166.3	21.2	107.3	20.5	76.2	19.2	59.0	17.7	47.9	-	-	-	-	-	-	-
24	6.0	132.0	12.0	123.6	15.3	112.3	15.9	103.9	15.8	78.7	14.8	59.1	13.7	47.0	12.2	38.9	-	-	-	-	-
28	-	89.0	7.6	88.4	11.0	84.3	12.0	79.1	12.3	74.2	11.5	59.5	10.7	46.5	9.2	39.7	-	-	32.1	-	-
32	-	60.6	4.2	66.5	8.0	65.7	9.0	64.5	9.4	60.0	8.9	55.4	8.2	47.6	6.8	38.9	-	-	32.5	-	25.1
36	-	-	-	52.2	5.6	54.0	6.7	52.7	7.2	49.3	6.8	46.6	6.3	43.9	5.0	37.9	-	-	33.3	-	28.2
40	-	-	-	40.0	-	42.4	-	42.9	5.3	41.1	4.9	41.9	4.6	38.9	-	36.5	-	-	33.6	-	28.5
48	-	-	-	-	-	31.0	-	30.4	-	32.1	-	31.4	-	29.8	-	29.7	-	-	28.7	-	26.7
56	-	-	-	-	-	23.2	-	24.2	-	24.5	-	23.8	-	24.5	-	23.7	-	-	23.2	-	22.5
64	-	-	-	-	-	-	-	19.3	-	19.1	-	19.7	-	19.3	-	19.3	-	-	18.7	-	18.5
72	-	-	-	-	-	-	-	15.1	-	15.7	-	15.9	-	15.7	-	15.7	-	-	14.8	-	15.1
80	-	-	-	-	-	-	-	-	-	13.0	-	12.8	-	13.0	-	12.6	-	-	11.7	-	11.9
88	-	-	-	-	-	-	-	-	-	10.5	-	10.5	-	10.5	-	10.1	-	-	9.1	-	9.4
96	-	-	-	-	-	-	-	-	-	-	-	8.5	-	8.5	-	8.1	-	-	7.2	-	7.4
104	-	-	-	-	-	-	-	-	-	-	-	6.8	-	6.8	-	6.4	-	-	5.5	-	5.9
112	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	5.0	-	-	4.1	-	4.3
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	-	-	3.1	-	3.3
128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-
1)	-	45.6	-	30.2	-	20.7	-	14.6	-	10.8	-	7.3	-	4.9	-	2.6	-	-	-	-	-

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft		175.9	175.9	190.0	190.0	203.4	203.4	216.9	216.9	230.3	230.3	238.5	238.5	242.8	242.8	247.0	247.0	249.7	249.7	255.9	255.9
ft		1,000 lb																			
36	-	18.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40	-	23.2	-	17.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
48	-	23.7	-	18.0	-	14.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	-	21.6	-	18.1	-	14.3	-	9.8	-	-	-	-	-	-	-	-	-	-	-	-	-
64	-	17.1	-	15.5	-	13.4	-	10.3	-	6.7	-	5.0	-	4.3	-	3.7	-	-	3.5	-	-
72	-	13.7	-	12.2	-	10.4	-	8.4	-	5.5	-	4.6	-	4.4	-	4.2	-	-	3.7	-	3.3
80	-	10.9	-	9.3	-	7.8	-	5.8	-	-	-	-	-	-	-	-	-	-	-	-	-
88	-	8.5	-	7.0	-	5.5	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-
96	-	6.7	-	5.2	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	-	5.0	-	3.7	-	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

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



154,800 lb		27.60 ft x 29.10 ft						360°			ASME B30.5				
42.0 ft		37.4 ft			68.9 ft			136.2 ft		37.4 ft			68.9 ft		
ft		0°	20°	40°	0°	20°	40°	ft		0°	20°	40°	0°	20°	40°
1,000 lb															
10		41.2	-	-	-	-	-	32		41.2	-	-	-	-	-
12		41.2	-	-	22.9	-	-	36		41.2	-	-	17.6	-	-
14		41.2	-	-	22.8	-	-	40		41.0	-	-	17.4	-	-
16		41.2	-	-	22.4	-	-	48		38.0	27.9	-	16.8	-	-
18		41.2	-	-	22.1	-	-	56		34.3	26.0	21.0	16.3	-	-
20		41.2	34.8	-	21.8	-	-	64		31.4	24.2	20.4	15.8	12.3	-
24		41.2	32.0	-	21.2	-	-	72		28.7	22.7	19.6	15.2	11.7	-
28		39.7	29.7	-	20.3	-	-	80		26.3	21.6	19.1	14.7	11.2	9.0
32		36.0	27.7	22.5	19.3	-	-	88		24.4	20.5	18.2	14.1	10.6	8.7
36		33.0	26.1	21.5	18.2	-	-	96		22.9	19.5	17.6	13.5	10.2	8.6
40		30.3	24.5	20.6	17.0	13.6	-	104		21.6	18.6	17.0	12.7	9.8	8.4
48		26.1	21.9	19.3	14.9	12.3	-	112		20.2	17.8	16.7	11.9	9.5	8.2
56		22.7	20.0	-	13.2	11.2	-	120		19.1	17.1	16.4	11.3	9.2	8.2
64		20.1	18.7	-	11.7	10.3	9.1	128		18.2	16.5	6.2	10.8	8.9	8.0
72		-	-	-	10.6	9.5	8.6	136		17.4	16.0	-	10.3	8.7	7.9
80		-	-	-	9.8	9.0	8.3	144		16.6	15.7	-	9.7	8.4	7.9
88		-	-	-	9.1	8.5	-	152		16.2	4.6	-	9.4	8.3	3.9
96		-	-	-	8.5	-	-	160		13.6	-	-	9.0	8.2	-
								168		-	-	-	8.8	8.1	-
								176		-	-	-	8.6	8.0	-
								184		-	-	-	8.5	2.4	-

175.9 ft		37.4 ft			68.9 ft			1,000 lb				
ft		0°	20°	40°	0°	20°	40°	ft		0°	20°	40°
48		33.0	-	-	15.1	-	-	80		11.2	-	-
56		32.6	-	-	14.8	-	-	88		10.9	-	-
64		32.1	25.2	-	14.4	-	-	96		10.7	10.7	-
72		30.9	23.8	19.9	14.1	-	-	104		10.4	10.4	10.4
80		28.8	22.7	19.3	13.6	11.4	-	112		9.9	10.1	9.9
88		27.0	21.6	18.8	13.4	11.1	-	120		9.6	9.6	9.3
96		25.1	20.6	18.2	13.1	10.5	8.7	128		9.4	9.0	8.7
104		23.0	19.7	17.9	12.6	10.2	8.4	136		8.9	8.3	8.3
112		21.1	19.1	17.4	12.3	9.9	8.4	144		8.4	7.9	7.7
120		19.2	18.3	16.9	12.1	9.6	8.2	152		7.9	7.4	7.2
128		17.4	17.1	16.5	11.7	9.4	8.0	160		7.3	7.0	6.9
136		15.8	15.9	16.0	11.1	9.1	7.9	168		6.8	6.6	6.5
144		14.2	14.6	14.8	10.8	8.8	7.9	176		6.3	6.2	6.2
152		12.9	13.3	13.5	10.3	8.6	7.9	184		5.8	5.8	5.9
160		11.8	12.1	-	10.0	8.4	7.7	192		5.4	5.5	5.6
168		10.8	11.0	-	9.5	8.3	7.7	200		5.0	5.2	5.2
176		10.0	10.1	-	9.1	8.2	7.7	208		4.6	4.8	4.8
184		9.2	9.3	-	8.5	7.9	7.7	216		4.2	4.2	4.2
192		8.0	-	-	7.8	7.7	-	224		3.7	3.8	3.8
200		5.3	-	-	7.3	7.4	-	232		3.1	3.4	-
208		-	-	-	6.7	7.0	-	240		2.6	2.8	-
216		-	-	-	6.2	6.4	-					
224		-	-	-	5.5	-	-					

255.9 ft		37.4 ft			68.9 ft			1,000 lb				
ft		0°	20°	40°	0°	20°*	40°*	ft		0°	20°*	40°*
80		11.2	-	-	7.0	-	-	104		10.4	10.4	10.4
88		10.9	-	-	6.8	-	-	112		9.9	10.1	9.9
96		10.7	10.7	-	6.7	-	-	120		9.6	9.6	9.3
104		10.4	10.4	10.4	6.4	-	-	128		9.4	9.0	8.7
112		9.9	10.1	9.9	6.4	6.6	-	136		8.9	8.3	8.3
120		9.6	9.6	9.3	6.2	6.3	-	144		8.4	7.9	7.7
128		9.4	9.0	8.7	6.1	6.1	5.8	152		7.9	7.4	7.2
136		8.9	8.3	8.3	5.8	6.0	5.6	160		7.3	7.0	6.9
144		8.4	7.9	7.7	5.7	5.7	5.3	168		6.8	6.6	6.5
152		7.9	7.4	7.2	5.5	5.4	5.3	176		6.3	6.2	6.2
160		7.3	7.0	6.9	5.2	5.0	5.0	184		5.8	5.8	5.9
168		6.8	6.6	6.5	4.9	4.7	4.7	192		5.4	5.5	5.6
176		6.3	6.2	6.2	4.7	4.4	4.4	200		5.0	5.2	5.2
184		5.8	5.8	5.9	4.4	4.2	4.2	208		4.6	4.8	4.8
192		5.4	5.5	5.6	4.1	3.9	3.9	216		4.2	4.2	4.2
200		5.0	5.2	5.2	3.9	3.6	3.6	224		3.7	3.8	3.8
208		4.6	4.8	4.8	3.6	3.4	3.4	232		3.1	3.4	-
216		4.2	4.2	4.2	3.3	3.1	3.1	240		2.6	2.8	-
224		3.7	3.8	3.8	3.1	3.0	3.0					
232		3.1	3.4	-	2.8	2.7	2.8					
240		2.6	2.8	-	2.5	2.3	2.5					

 *252.0 ft

113,800 lb		27.60 ft x 29.10 ft						360°			ASME B30.5				
42.0 ft		37.4 ft			68.9 ft			136.2 ft		37.4 ft			68.9 ft		
ft		0°	20°	40°	0°	20°	40°	ft		0°	20°	40°	0°	20°	40°
1,000 lb															
10		41.2	-	-	-	-	-	32		41.2	-	-	-	-	-
12		41.2	-	-	22.9	-	-	36		41.2	-	-	17.6	-	-
14		41.2	-	-	22.8	-	-	40		41.0	-	-	17.4	-	-
16		41.2	-	-	22.4	-	-	48		38.0	27.9	-	16.8	-	-
18		41.2	-	-	22.1	-	-	56		34.3	26.0	21.0	16.3	-	-
20		41.2	34.8	-	21.8	-	-	64		31.4	24.2	20.4	15.8	12.3	-
24		41.2	32.0	-	21.2	-	-	72		28.7	22.7	19.6	15.2	11.7	-
28		39.7	29.7	-	20.3	-	-	80		26.3	21.6	19.1	14.7	11.2	9.0
32		36.0	27.7	22.5	19.3	-	-	88		24.4	20.5	18.2	14.1	10.6	8.7
36		33.0	26.1	21.5	18.2	-	-	96		22.9	19.5	17.6	13.5	10.2	8.6
40		30.3	24.5	20.6	17.0	13.6	-	104		21.6	18.6	17.0	12.7	9.8	8.4
48		26.1	21.9	19.3	14.9	12.3	-	112		20.2	17.8	16.7	11.9	9.5	8.2
56		22.7	20.0	-	13.2	11.2	-	120		19.1	17.1	16.4	11.3	9.2	8.2
64		20.1	18.7	-	11.7	10.3	9.1	128		17.9	16.5	6.2	10.8	8.9	8.0
72		-	-	-	10.6	9.5	8.6	136		16.6	16.0	-	10.3	8.7	7.9
80		-	-	-	9.8	9.0	8.3	144		14.6	15.2	-	9.7	8.4	7.9
88		-	-	-	9.1	8.5	-	152		13.1	4.6	-	9.4	8.3	3.9
96		-	-	-	8.5	-	-	160		10.6	-	-	9.0	8.2	-
								168		-	-	-	8.8	8.1	-
								176		-	-	-	8.6	8.0	-
								184		-	-	-	8.5	2.4	-

175.9 ft		37.4 ft			68.9 ft			1,000 lb				
ft		0°	20°	40°	0°	20°	40°	ft		0°	20°	40°
48		33.0	-	-	15.1	-	-	80		11.2	-	-
56		32.6	-	-	14.8	-	-	88		10.9	-	-
64		32.1	25.2	-	14.4	-	-	96		10.7	10.7	-
72		30.9	23.8	19.9	14.1	-	-	104		10.4	10.4	10.4
80		28.8	22.7	19.3	13.6	11.4	-	112		9.9	10.1	9.9
88		27.0	21.6	18.8	13.4	11.1	-	120		9.6	9.6	9.3
96		25.1	20.6	18.2	13.1	10.5	8.7	128		9.4	9.0	8.7
104		23.0	19.7	17.9	12.6	10.2	8.4	136		8.9	8.3	8.3
112		21.0	19.1	17.4	12.3	9.9	8.4	144		8.4	7.9	7.7
120		17.9	18.3	16.9	12.1	9.6	8.2	152		7.9	7.4	7.2
128		16.0	16.7	16.5	11.7	9.4	8.0	160		7.3	7.0	6.9
136		14.2	15.0	15.2	11.1	9.1	7.9	168		6.7	6.6	6.5
144		12.2	13.3	13.7	10.8	8.8	7.9	176		5.8	6.2	6.2
152		10.7	11.4	11.9	10.3	8.6	7.9	184		4.8	5.5	5.7
160		9.9	9.9	-	9.5	8.4	7.7	192		3.8	4.6	5.1
168		8.9	9.1	-	8.2	8.3	7.7	200		2.8	3.5	4.0
176		7.9	8.5	-	7.1	8.2	7.7	208		-	-	-
184		6.9	7.3	-	6.7	7.1	7.3	216		-	-	-
192		5.5	-	-	6.2	6.1	-	224		-	-	-
200		5.3	-	-	5.4	5.8	-					
208		-	-	-	4.6	5.3	-					
216		-	-	-	4.2	4.5	-					
224		-	-	-	3.9	-	-					

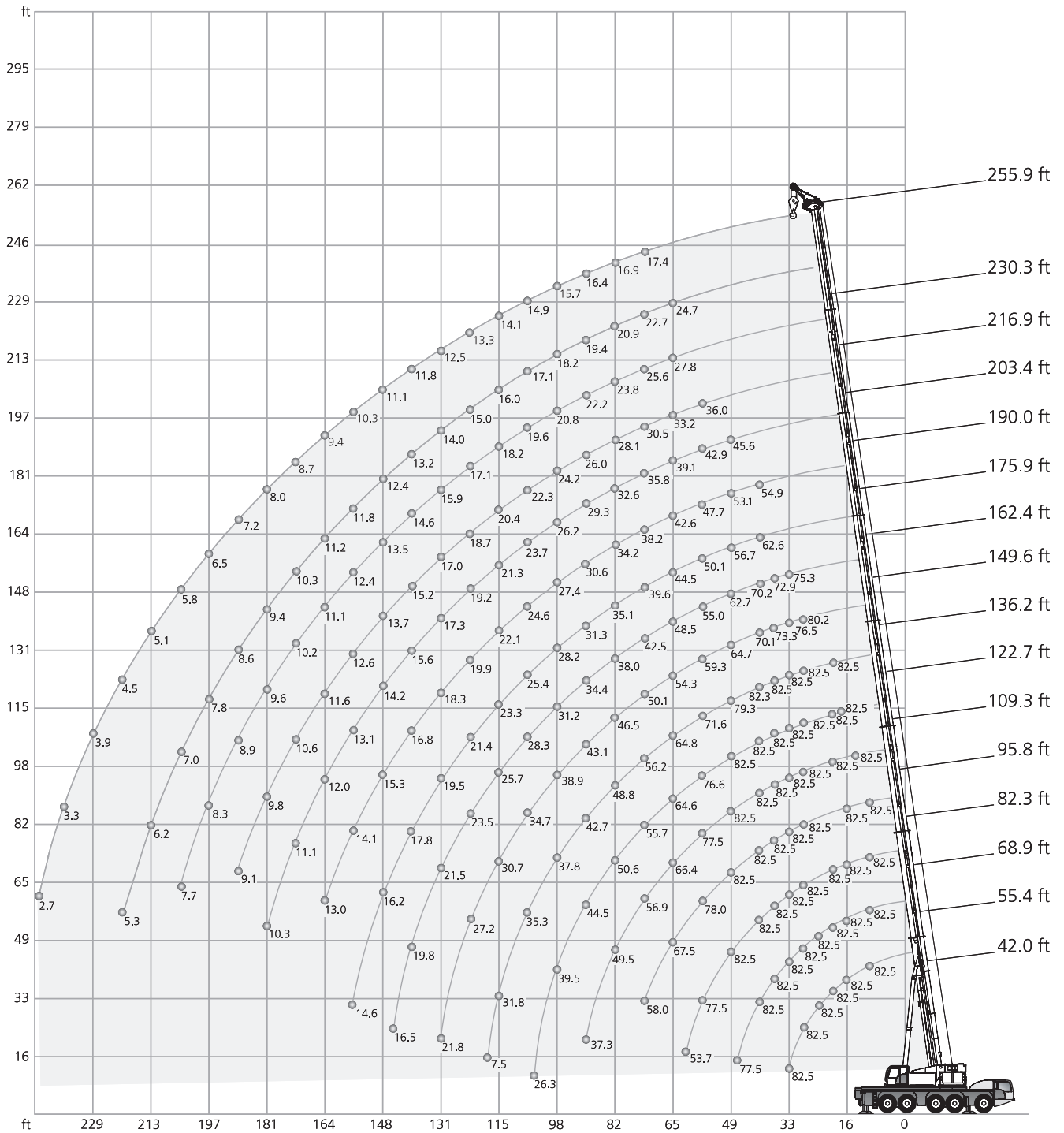
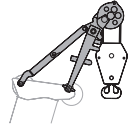
255.9 ft		37.4 ft			68.9 ft			1,000 lb				
ft		0°	20°	40°	0°	20°*	40°*	ft		0°	20°*	40°*
80		11.2	-	-	7.0	-	-	104		6.4	-	-
88		10.9	-	-	6.8	-	-	112		6.4	6.6	-
96		10.7	10.7	-	6.7	-	-	120		6.2	6.3	-
104		10.4	10.4	10.4	6.4	-	-	128		6.1	6.1	5.8
112		9.9	10.1	9.9	6.4	6.6	-	136		5.8	6.0	5.6
120		9.6	9.6	9.3	6.2	6.3	-	144		5.7	5.7	5.3
128		9.4	9.0	8.7	6.1	6.1	5.8	152		5.5	5.4	5.3
136		8.9	8.3	8.3	5.8	6.0	5.6	160		5.2	5.0	5.0
144		8.4	7.9	7.7	5.7	5.7	5.3	168		4.9	4.7	4.7
152		7.9	7.4	7.2	5.5	5.4	5.3	176		4.7	4.4	4.4
160		7.3	7.0	6.9	5.2	5.0	5.0	184		4.2	4.2	4.2
168		6.7	6.6	6.5	4.9	4.7	4.7	192		3.6	3.9	3.9
176		5.8	6.2	6.2	4.7	4.4	4.4	200		2.8	3.6	3.6
184		4.8	5.5	5.7	4.2	4.2	4.2	208		-	3.2	3.4
192		3.8	4.6	5.1	3.6	3.9	3.9	216		-	-	2.7
200		2.8	3.5	4.0	2.8	3.6	3.6					
208		-	-	-	-	3.2	3.4					
216		-	-	-	-	2.7	3.1					

 *252.0 ft

41,200 lb								27.60 ft x 29.10 ft		360°			ASME B30.5		
42.0 ft										136.2 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	41,2	-	-	-	-	-	32	41.2	-	-	-	-	-		
12	41,2	-	-	22.9	-	-	36	41.2	-	-	17.6	-	-		
14	41,2	-	-	22.8	-	-	40	41.0	-	-	17.4	-	-		
16	41,2	-	-	22.4	-	-	48	38.0	27.9	-	16.8	-	-		
18	41,2	-	-	22.1	-	-	56	34.3	26.0	21.0	16.3	-	-		
20	41,2	34,8	-	21.8	-	-	64	30.7	24.2	20.4	15.8	12.3	-		
24	41,2	32,0	-	21.2	-	-	72	25.9	22.7	19.6	15.2	11.7	-		
28	39,7	29,7	-	20.3	-	-	80	22.1	21.3	19.1	14.7	11.2	9.0		
32	36,0	27,7	22,5	19.3	-	-	88	18.1	19.3	18.1	14.1	10.6	8.7		
36	33,0	26,1	21,5	18.2	-	-	96	15.0	16.5	17.1	13.3	10.2	8.6		
40	30,3	24,5	20,6	17.0	13.6	-	104	13.1	13.6	14.7	12.2	9.8	8.4		
48	26,1	21,9	19,3	14.9	12.3	-	112	10.7	12.0	12.0	10.9	9.5	8.2		
56	22,7	20,0	-	13.2	11.2	-	120	9.4	9.9	10.5	9.5	9.2	8.2		
64	20,1	18,7	-	11.7	10.3	9.1	128	8.5	8.5	6.2	7.9	8.6	8.0		
72	-	-	-	10.6	9.5	8.6	136	7.1	7.6	-	6.5	7.8	7.9		
80	-	-	-	9.8	9.0	8.3	144	6.0	6.5	-	6.0	6.7	7.3		
88	-	-	-	9.1	8.5	-	152	5.6	4.6	-	5.2	5.5	3.9		
96	-	-	-	8.5	-	-	160	4.8	-	-	4.4	5.0	-		
							168	-	-	-	3.8	4.2	-		
							176	-	-	-	3.4	3.4	-		
							184	-	-	-	2.8	2.4	-		

175.9 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													
48	33.0	-	-	15.1	-	-	80	11.0	-	-	7.0	-	-
56	30.5	-	-	14.8	-	-	88	9.2	-	-	6.7	-	-
64	25.5	25.2	-	14.4	-	-	96	6.7	9.2	-	5.3	-	-
72	22.3	23.4	19.9	14.1	-	-	104	4.5	6.9	8.9	3.3	-	-
80	18.6	19.0	19.3	13.5	11.4	-	112	-	4.8	6.5	-	-	-
88	15.9	16.8	17.5	12.9	11.1	-	120	-	-	4.7	-	-	-
96	13.8	14.3	15.1	11.9	10.5	8.7	128	-	-	3.1	-	-	-
104	11.6	12.7	12.9	10.6	10.2	8.4							
112	10.5	10.5	11.4	8.8	9.6	8.4							
120	8.9	9.5	9.4	8.0	8.5	8.2							
128	7.5	8.3	8.7	7.2	7.7	8.0							
136	6.5	6.7	7.4	5.8	6.5	7.1							
144	5.3	6.0	6.2	5.1	6.0	6.6							
152	4.3	4.9	5.3	4.5	5.1	5.5							
160	3.2	3.9	-	3.4	4.2	5.0							
168	-	-	-	-	3.6	4.1							
176	-	-	-	-	2.8	3.4							

255.9 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													
80	11.0	-	-	7.0	-	-							
88	9.2	-	-	6.7	-	-							
96	6.7	9.2	-	5.3	-	-							
104	4.5	6.9	8.9	3.3	-	-							
112	-	4.8	6.5	-	-	-							
120	-	-	4.7	-	-	-							
128	-	-	3.1	-	-	-							



☰ 154,800 lb		📏 27.60 ft x 29.10 ft																360°		ASME B30.5	
📐		(ft)																📐			
ft		42.0	55.4	68.9	82.3	95.8	109.3	122.7	136.2	149.6	162.4	175.9	190.0	203.4	216.9	230.3	255.9	ft			
		1,000 lb																			
10		82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	16		
18		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	18		
20		82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	20		
24		82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	24		
28		82.5	82.5	82.5	82.5	82.5	82.5	82.5	80.2	-	-	-	-	-	-	-	-	-	28		
32		82.5	82.5	82.5	82.5	82.5	82.5	82.5	76.5	75.3	-	-	-	-	-	-	-	-	32		
36		-	82.5	82.5	82.5	82.5	82.5	82.5	73.3	72.9	-	-	-	-	-	-	-	-	36		
40		-	82.5	82.5	82.5	82.5	82.5	82.3	70.1	70.2	62.6	54.9	-	-	-	-	-	-	40		
48		-	77.5	82.5	82.5	82.5	82.5	79.3	64.7	62.7	56.7	53.1	45.6	-	-	-	-	-	48		
56		-	-	77.5	78.0	77.5	76.6	71.6	59.3	55.0	50.1	47.7	42.9	36.0	-	-	-	-	56		
64		-	-	53.7	67.5	66.4	64.6	64.8	54.3	48.5	44.5	42.6	39.1	33.2	27.8	24.7	-	-	64		
72		-	-	-	58.0	56.9	55.7	56.2	50.1	42.5	39.6	38.2	35.8	30.5	25.6	22.7	17.4	-	72		
80		-	-	-	-	49.5	50.6	48.8	46.5	38.0	35.1	34.2	32.6	28.1	23.8	20.9	16.9	-	80		
88		-	-	-	-	37.3	44.5	42.7	43.1	34.4	31.3	30.6	29.3	26.0	22.2	19.4	16.4	-	88		
96		-	-	-	-	-	39.5	37.8	38.9	31.2	28.2	27.4	26.2	24.2	20.8	18.2	15.7	-	96		
104		-	-	-	-	-	26.3	35.3	34.7	28.3	25.4	24.6	23.7	22.3	19.6	17.1	14.9	-	104		
112		-	-	-	-	-	-	31.8	30.7	25.7	23.3	22.1	21.3	20.4	18.2	16.0	14.1	-	112		
120		-	-	-	-	-	-	7.5	27.2	23.5	21.4	19.9	19.2	18.7	17.1	15.0	13.3	-	120		
128		-	-	-	-	-	-	-	21.8	21.5	19.5	18.3	17.3	17.0	15.9	14.0	12.5	-	128		
136		-	-	-	-	-	-	-	7.2	19.8	17.8	16.8	15.6	15.2	14.6	13.2	11.8	-	136		
144		-	-	-	-	-	-	-	-	16.5	16.2	15.3	14.2	13.7	13.5	12.4	11.1	-	144		
152		-	-	-	-	-	-	-	-	-	14.6	14.1	13.1	12.6	12.4	11.8	10.3	-	152		
160		-	-	-	-	-	-	-	-	-	-	13.0	12.0	11.6	11.1	11.2	9.4	-	160		
168		-	-	-	-	-	-	-	-	-	-	-	11.1	10.6	10.2	10.3	8.7	-	168		
176		-	-	-	-	-	-	-	-	-	-	-	10.3	9.8	9.6	9.4	8.0	-	176		
184		-	-	-	-	-	-	-	-	-	-	-	-	9.1	8.9	8.6	7.2	-	184		
192		-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	7.8	6.5	-	192		
200		-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	7.0	5.8	-	200		
208		-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	6.2	5.1	-	208		
216		-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	5.3	4.5	-	216		
224		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	224		
232		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	232		
240		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	240		
1)		39.9	30.0	23.1	18.5	14.8	12.1	9.3	7.3	5.3	4.2	2.4	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

☰ 113,800 lb		📏 27.60 ft x 29.10 ft																360°		ASME B30.5	
📐		(ft)																📐			
ft		42.0	55.4	68.9	82.3	95.8	109.3	122.7	136.2	149.6	162.4	175.9	190.0	203.4	216.9	230.3	255.9	ft			
		1,000 lb																			
10		82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	16		
18		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	18		
20		82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	20		
24		82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	24		
28		82.5	82.5	82.5	82.5	82.5	82.5	82.5	80.2	-	-	-	-	-	-	-	-	-	28		
32		82.5	82.5	82.5	82.5	82.5	82.5	82.5	76.5	75.3	-	-	-	-	-	-	-	-	32		
36		-	82.5	82.5	82.5	82.5	82.5	82.5	73.3	72.9	-	-	-	-	-	-	-	-	36		
40		-	82.5	82.5	82.5	82.5	82.5	82.3	70.1	70.2	62.6	54.9	-	-	-	-	-	-	40		
48		-	77.5	80.4	80.8	80.4	79.9	79.3	64.7	62.7	56.7	53.1	45.6	-	-	-	-	-	48		
56		-	-	70.3	71.5	70.3	68.2	69.3	59.3	55.0	50.1	47.7	42.9	36.0	-	-	-	-	56		
64		-	-	51.4	58.9	57.6	58.5	57.0	54.3	48.5	44.5	42.6	39.1	33.2	27.8	24.7	-	-	64		
72		-	-	-	48.7	50.2	48.9	46.8	48.2	42.5	39.6	38.2	35.8	30.5	25.6	22.7	17.4	-	72		
80		-	-	-	-	42.6	41.3	42.7	40.7	38.0	35.1	34.2	32.6	28.1	23.8	20.9	16.9	-	80		
88		-	-	-	-	29.9	36.8	36.7	34.6	33.7	31.3	30.6	29.3	26.0	22.2	19.4	16.4	-	88		
96		-	-	-	-	-	33.1	31.7	29.6	28.7	27.8	26.9	26.2	24.2	20.8	18.2	15.7	-	96		
104		-	-	-	-	-	23.7	27.6	25.9	24.3	24.1	24.1	23.1	22.3	19.6	17.1	14.9	-	104		
112		-	-	-	-	-	-	23.8	22.8	21.3	20.5	20.8	20.0	20.1	18.2	16.0	14.1	-	112		
120		-	-	-	-	-	-	7.5	20.4	19.9	17.9	17.7	18.1	17.2	17.1	15.0	13.3	-	120		
128		-	-	-	-	-	-	-	17.7	17.5	16.1	15.4	15.5	15.5	15.3	14.0	12.5	-	128		
136		-	-	-	-	-	-	-	7.2	15.3	14.3	14.0	13.5	13.9	12.9	13.2	11.8	-	136		
144		-	-	-	-	-	-	-	-	13.1	13.0	12.6	12.4	12.0	12.1	11.8	11.1	-	144		
152		-	-	-	-	-	-	-	-	-	12.2	11.2	11.3	11.0	11.0	9.9	9.7	-	152		
160		-	-	-	-	-	-	-	-	-	-	10.3	10.2	10.2	9.4	8.4	8.1	-	160		
168		-	-	-	-	-	-	-	-	-	-	-	9.1	9.2	8.0	7.1	6.7	-	168		
176		-	-	-	-	-	-	-	-	-	-	-	8.7	8.3	6.8	5.7	5.5	-	176		
184		-	-	-	-	-	-	-	-	-	-	-	-	7.2	5.7	4.6	4.3	-	184		
192		-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	3.5	-	-	192		
200		-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	2.6	-	-	200		
208		-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	-	-	208		
216		-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	-	216		
1)		39.9	30.0	23.1	18.5	14.8	12.1	9.3	7.3	5.3	4.2	2.4	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

41,200 lb		27.60 ft x 29.10 ft																360°		ASME B30.5	
		(ft)																			
		42.0	55.4	68.9	82.3	95.8	109.3	122.7	136.2	149.6	162.4	175.9	190.0	203.4	216.9	230.3	255.9				
ft		1,000 lb																ft			
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	16		
18	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	-	18		
20	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	20		
24	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	24		
28	82.5	82.5	82.5	82.5	82.5	82.5	82.5	80.2	-	-	-	-	-	-	-	-	-	-	28		
32	82.5	82.5	82.5	82.5	82.5	82.5	82.5	76.5	75.3	-	-	-	-	-	-	-	-	-	32		
36	-	78.2	78.5	78.1	79.0	77.2	74.1	71.0	68.2	-	-	-	-	-	-	-	-	-	36		
40	-	71.9	72.6	71.7	73.7	70.1	67.1	65.7	60.5	57.7	53.8	-	-	-	-	-	-	-	40		
48	-	43.9	53.7	54.3	53.4	55.4	53.3	50.4	48.1	45.2	42.6	39.9	-	-	-	-	-	-	48		
56	-	-	41.1	42.3	43.1	42.1	40.5	39.7	38.5	36.5	34.3	32.6	30.3	-	-	-	-	-	56		
64	-	-	21.3	34.3	34.0	32.9	32.2	31.7	30.9	30.4	28.7	26.7	25.6	24.5	23.9	-	-	-	64		
72	-	-	-	27.7	27.3	26.4	26.1	26.1	25.9	24.6	23.6	23.2	21.9	21.0	19.3	17.4	-	-	72		
80	-	-	-	-	22.5	22.3	22.7	21.6	20.9	20.5	20.3	19.5	19.5	17.7	15.1	13.8	-	-	80		
88	-	-	-	-	17.3	19.8	18.7	17.6	17.7	17.5	17.0	17.1	16.1	14.8	11.8	10.5	-	-	88		
96	-	-	-	-	-	16.5	15.3	15.4	15.0	14.7	14.9	14.1	13.9	11.8	9.0	7.6	-	-	96		
104	-	-	-	-	-	13.8	13.1	13.3	12.7	13.0	12.2	12.2	11.1	9.3	6.5	5.3	-	-	104		
112	-	-	-	-	-	-	12.0	11.1	11.6	10.7	10.9	10.0	8.9	7.2	4.5	-	-	-	112		
120	-	-	-	-	-	-	7.5	9.6	9.8	9.2	9.1	8.2	7.1	5.6	-	-	-	-	120		
128	-	-	-	-	-	-	-	8.7	8.1	8.2	7.5	6.4	5.4	4.1	-	-	-	-	128		
136	-	-	-	-	-	-	-	7.2	6.7	6.9	6.0	4.9	4.0	2.7	-	-	-	-	136		
144	-	-	-	-	-	-	-	-	5.6	5.6	4.7	3.8	2.7	-	-	-	-	-	144		
152	-	-	-	-	-	-	-	-	-	4.5	3.6	-	-	-	-	-	-	-	152		
160	-	-	-	-	-	-	-	-	-	-	2.8	-	-	-	-	-	-	-	160		
1)	39.9	30.0	23.1	18.5	14.8	12.1	9.3	7.3	5.3	4.0	-	-	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

0 lb		27.60 ft x 29.10 ft											360°		ASME B30.5		
		42.0	55.4	68.9	82.3	95.8	109.3	(ft)		136.2	149.6	162.4	175.9	190.0	203.4		
ft		1,000 lb														ft	
10		82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	-	10
12		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	12
14		82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	14
16		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	16
18		82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	18
20		82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	20
24		82.5	82.5	82.5	82.5	81.8	80.7	79.5	-	-	-	-	-	-	-	-	24
28		75.6	78.7	78.9	76.6	72.7	71.2	66.4	59.2	-	-	-	-	-	-	-	28
32		58.2	63.6	65.2	64.6	62.6	57.7	53.9	50.9	45.4	-	-	-	-	-	-	32
36		-	50.3	52.1	54.4	52.4	48.1	45.7	42.5	41.2	35.0	-	-	-	-	-	36
40		-	40.3	42.8	43.6	43.2	41.0	39.5	36.9	34.4	33.9	32.0	-	-	-	-	40
48		-	16.6	29.7	30.3	30.1	31.7	29.4	27.9	26.7	26.7	25.1	23.9	-	-	-	48
56		-	-	22.1	23.0	23.7	23.2	22.7	22.2	22.1	20.9	20.1	18.0	16.0	-	-	56
64		-	-	15.8	17.5	17.8	18.2	18.1	17.9	17.2	17.0	15.4	13.4	11.5	-	-	64
72		-	-	-	13.3	14.0	14.4	14.2	14.0	13.1	13.1	11.5	9.6	7.6	-	-	72
80		-	-	-	-	11.0	11.0	11.0	10.6	9.9	9.9	8.4	6.6	4.7	-	-	80
88		-	-	-	-	8.4	8.4	8.4	8.0	7.1	7.3	6.0	4.2	-	-	-	88
96		-	-	-	-	-	6.3	6.3	5.7	5.0	5.2	4.0	-	-	-	-	96
104		-	-	-	-	-	4.6	4.4	3.9	3.3	3.3	2.4	-	-	-	-	104
1)		37.7	22.7	15.2	10.4	6.8	4.0	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

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 405-4	Scania DC13; Diesel engine; 405 kW / 2100 1/min (550 HP), torque 2476 Nm / 1400 1/min; The engine complies with Tier 4F; Exhaust system complete stainless steel.
Fuel tank	Fuel tank 132 gallons Diesel (no RME / biodiesel); 16 gallons AdBlue tank.
Transmission AS12INT	ZF AS-Tronic; Automated gearbox with integrated hydraulic retarder, 12 forward speeds and 2 reverse; 2-stage transfer case with switchable off-road gear.
Axles 10 x 6 x 10	10 x 6 x 10; Five axles, axles 3-5 are driven and dispose of a selectable transverse lock; Axle 4 with selectable longitudinal lock; All axles steered.
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; Axles 4 and 5 electro-hydraulically connected, all axles steered with 6 different steering programs.
Brakes	Pneumatic dual circuit service brake, acting on all wheels; Disc brakes; Hydraulic retarder integrated into transmission as wear-free sustained-action brake; Additional exhaust brake; Parking brake.
Tires size 385/95 R25 (14.00R25)	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7".
Cab 2850	Type 9.35 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.
Drive lights	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
Outriggers	H-4-point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 5 outrigger bases: 9.0 ft, 13.6 ft, 18.2 ft, 23.0 ft, 27.6 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 crane 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 system adapter for inflating tires makes it possible for operators to inflate tires by themselves.
Contour safety marking	Continuous reflective strips on the sides of the chassis and on the rear.

Equipment superstructure

Telescopic boom HA78	42.0 ft - 255.9 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 5 sheaves integrated in boom head for max. capacity of 209,000 lb.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	Single slewing gear unit with spring-loaded multi-disc brake; Different operating modes selectable.
H1	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring.
Counterweight 113,800 lb	Counterweight 113,800 lb, 6 pieces (a-e); 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 electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger.
Working range limiter	Displaying and programmability of the work range limits by IC-1.
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	Removable, to be used with all extensions.

Additional equipment

Carrier

Engine 331-3	Scania DC13; Diesel engine; 331 kW / 2100 1/min (450 HP), torque 2007 Nm / 1575 1/min; The engine complies with EU Stage III A / Tier 3; Exhaust system optional with spark arrester.
Axles 10 x 8 x 10	10 x 8 x 10; Five axles, axles 2-5 are driven and dispose of a selectable transverse lock; Axles 3 and 4 with selectable longitudinal lock; All axles steered.
Additional fuel tank	Additional fuel tank 53 gallons; For 185 gallons diesel total in carrier (no RME / biodiesel).

Superstructure

Heavy lift attachment	2 additional sheaves; Dis-/connectable; For total 7 sheaves at boom head; Max. capacity 286,600 lb.
2. hoist (H2)	2. hoist; Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. quick couplings and transport rack; Rope twist prevention is not included.
Additional counterweight 41,000 lb	Additional counterweight 41,000 lb; 2 pieces; for total 154,800 lb, 8 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	Control of superstructure movements via wireless remote control.
IC-1 Plus	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

HAV 37.4 ft	37.4 ft; Lattice swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage; Cannot be carried while maintaining 26,500 lb axle load.
HAV 68.9 ft	68.9 ft; Double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage; Cannot be carried while maintaining 26,500 lb axle load; Includes HAV 37.4 ft.
HAV-HY	Hydraulic offset 0°-40° instead of manual offset 20°/40°; available for HAV 37.4 ft, HAV 68.9 ft.
MS (runner)	5.25 ft; Fixed angle runner; 2 sheaves, for max. 86,200 lb lifting capacity; Incl. transport storage at boom head.

Hook Blocks

Hook block 160-7-21-D	160-7-21-D (3660 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 125-5-21-D	125-5-21-D (2490 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 80-3-21-D	80-3-21-D (1870 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook block 32-1B-21-D-Vario	32-1B-21-D (441 lb / 1320 lb); Hook block with ramshorn hook, ballast transported separately on rear of carrier, requires storage; white with red signal stripes.
Hook block 32-1-21-D	32-1-21-D (1390 lb); Hook block with ramshorn hook; white with red signal stripes.
Hook 12-0V-E	12-0V-E (770 lb); Single hook with vertical swivel; red.

Further additional equipment on request!

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

December 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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