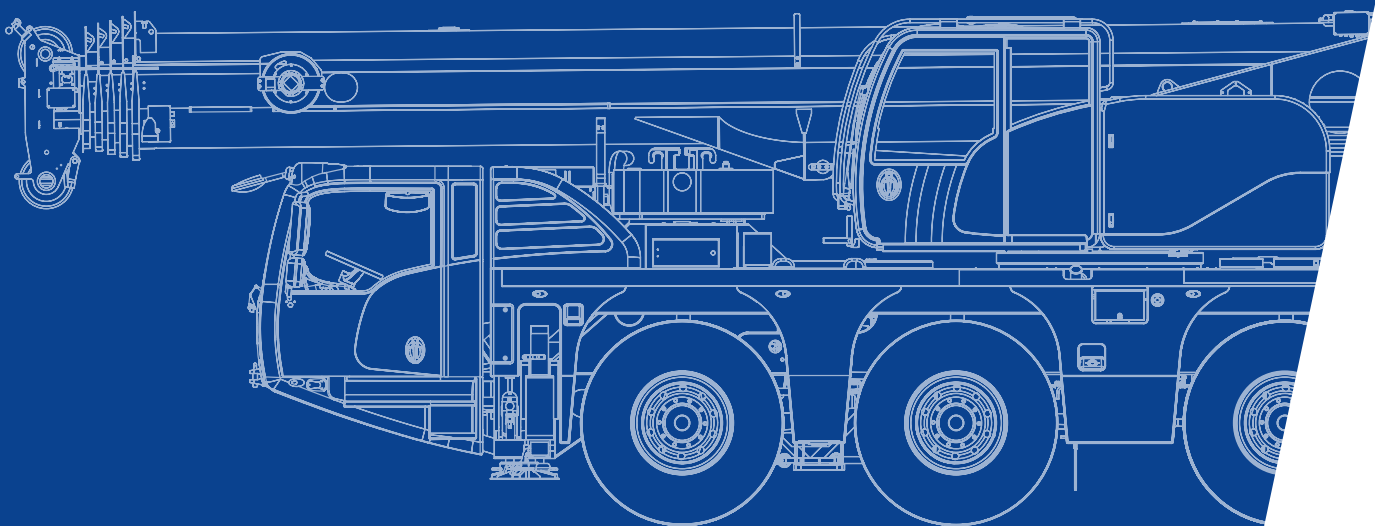
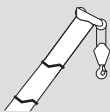


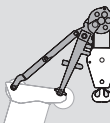
AC 55-3



**All Terrain Crane
60 USt Capacity class**

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Specifications.....	6
Equipment.....	7

	HA	
Main boom		8

	MS	
Runner		22

Technical description.....	30
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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



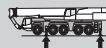
Weight of hook block



Distance head sheave axle – hook ground



Number of sheaves in boom head



Supporting force



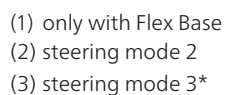
Length of stroke (support cylinders)

AC 55-3



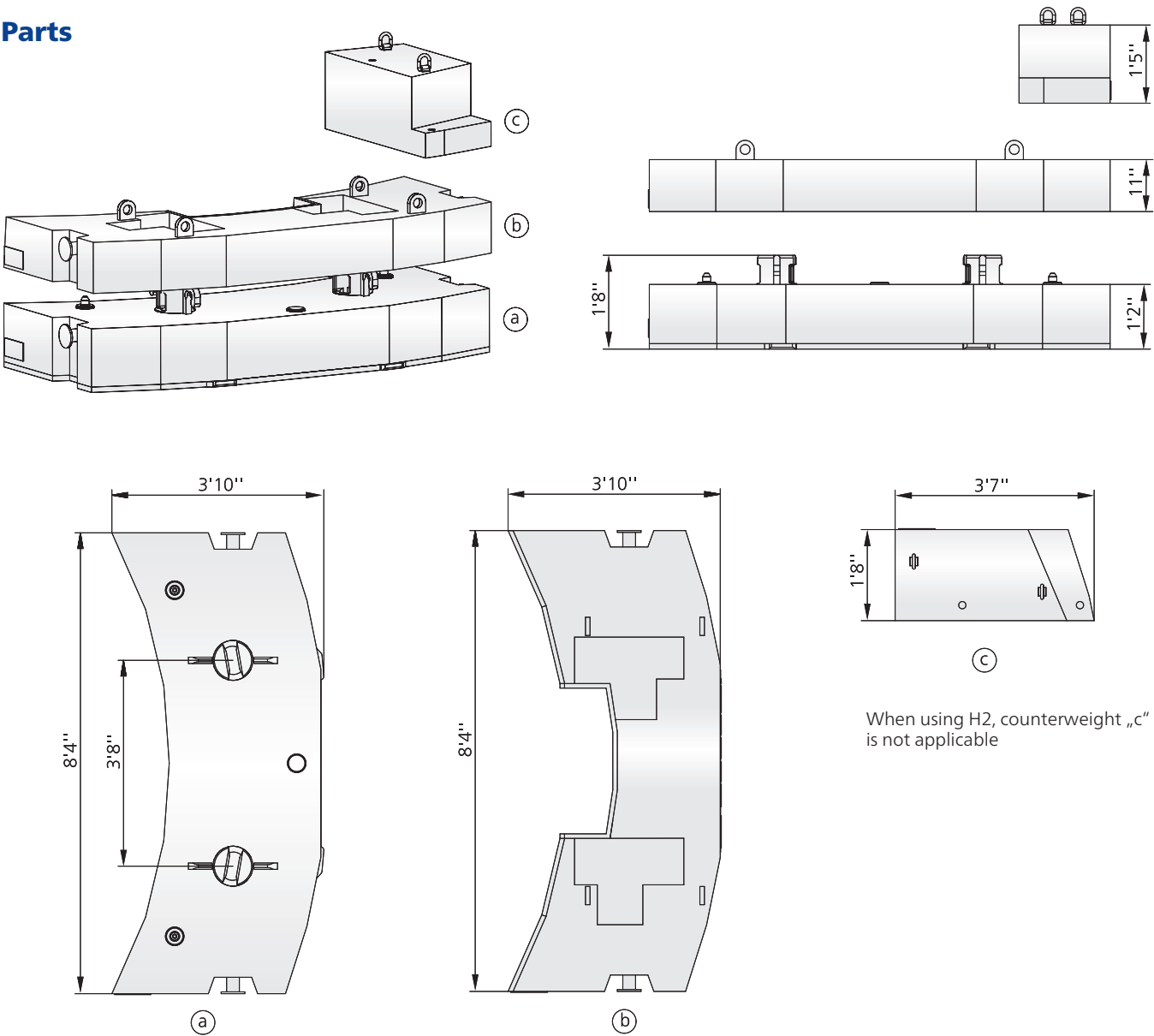
* 385/95R25

** 445/95R25



see page 6

Parts



Configurations

	(a) 6,600 lb	(b) 4,200 lb	(c) 2,400 lb
2,400 lb			X
4,200 lb		X	
6,600 lb		X	X
6,600 lb	X		
9,000 lb	X		X
10,800 lb	X	X	
13,200 lb	X	X	X

						
	Total					
< 20,000 lb	On request!					X
< 22,050 lb	< 66,100 lb	6 x 4 x 6	385/95R25	–	2,400 lb	–
< 26,500 lb	< 79,400 lb	6 x 6 x 6	445/95R25	Vario 50-3-18	13,200 lb	–

	1 Highway > 28 mph		4* Off-wall
	2 City < 28 mph		5* Crab steer mode
	3* Minimum turning radius < 12.4 mph		6* All wheel steering

*must be activated

			
	70,600 lb	88,200 lb	52.8 mph ¹⁾
	2'-1.5"	2'-4"	

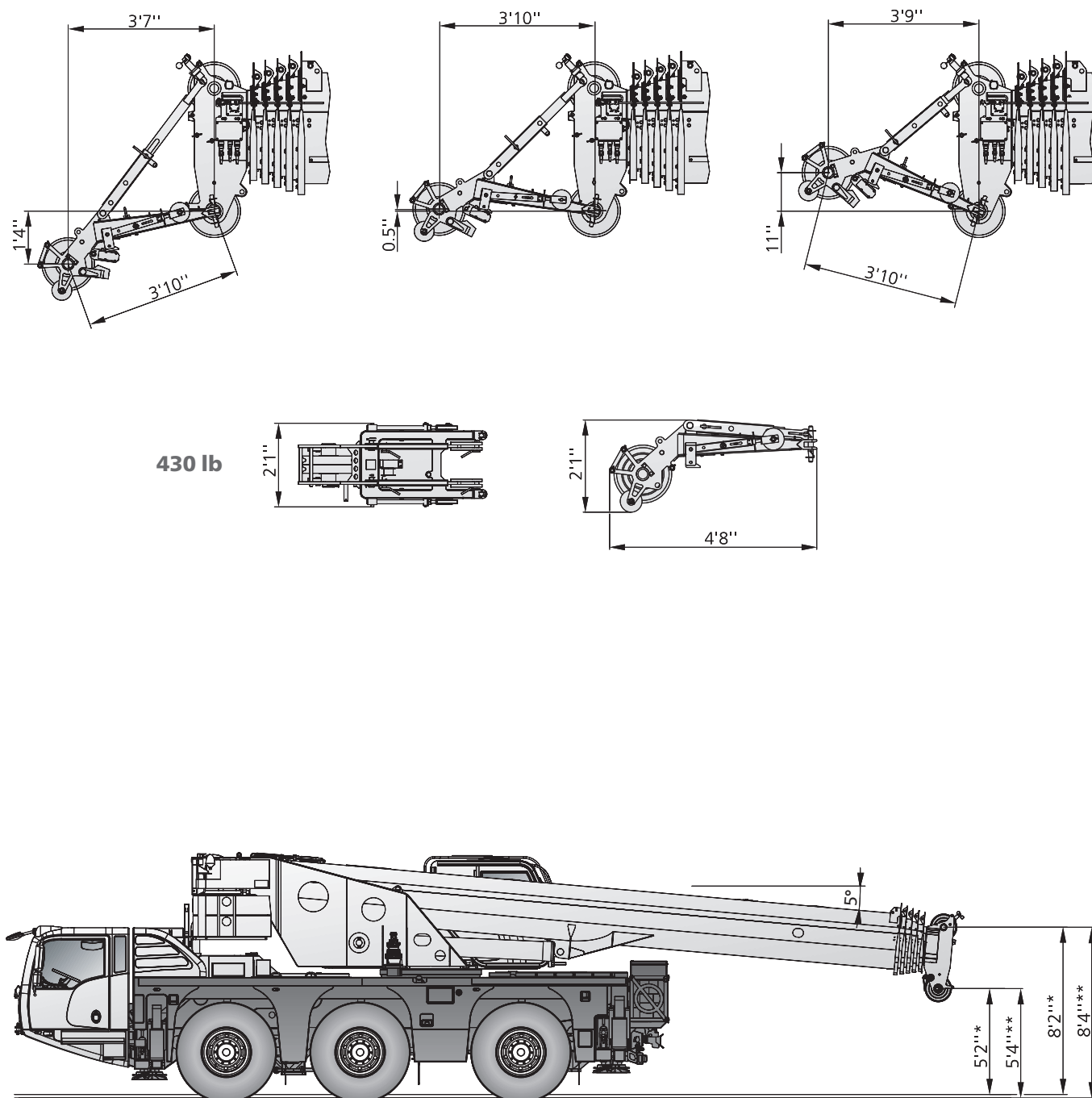
¹⁾ Depending on tire type, size and country specific legislation

			
	385 / 95 R25 14.00 R25	445 / 95 R25 16.00 R25	525 / 80 R25 20.50 R25
	47 %	42 %	42 %
	> 70 %	> 60 %	> 60 %

				
				
1	393.7 ft/min	15,040 lbf	0.72"	656 ft
2	393.7 ft/min	15,040 lbf	0.72"	656 ft
	1,80 min ⁻¹			
	approx. 490 s (33.8 – 164.0 ft)			
	approx. 50 s (-5° - 82°)			

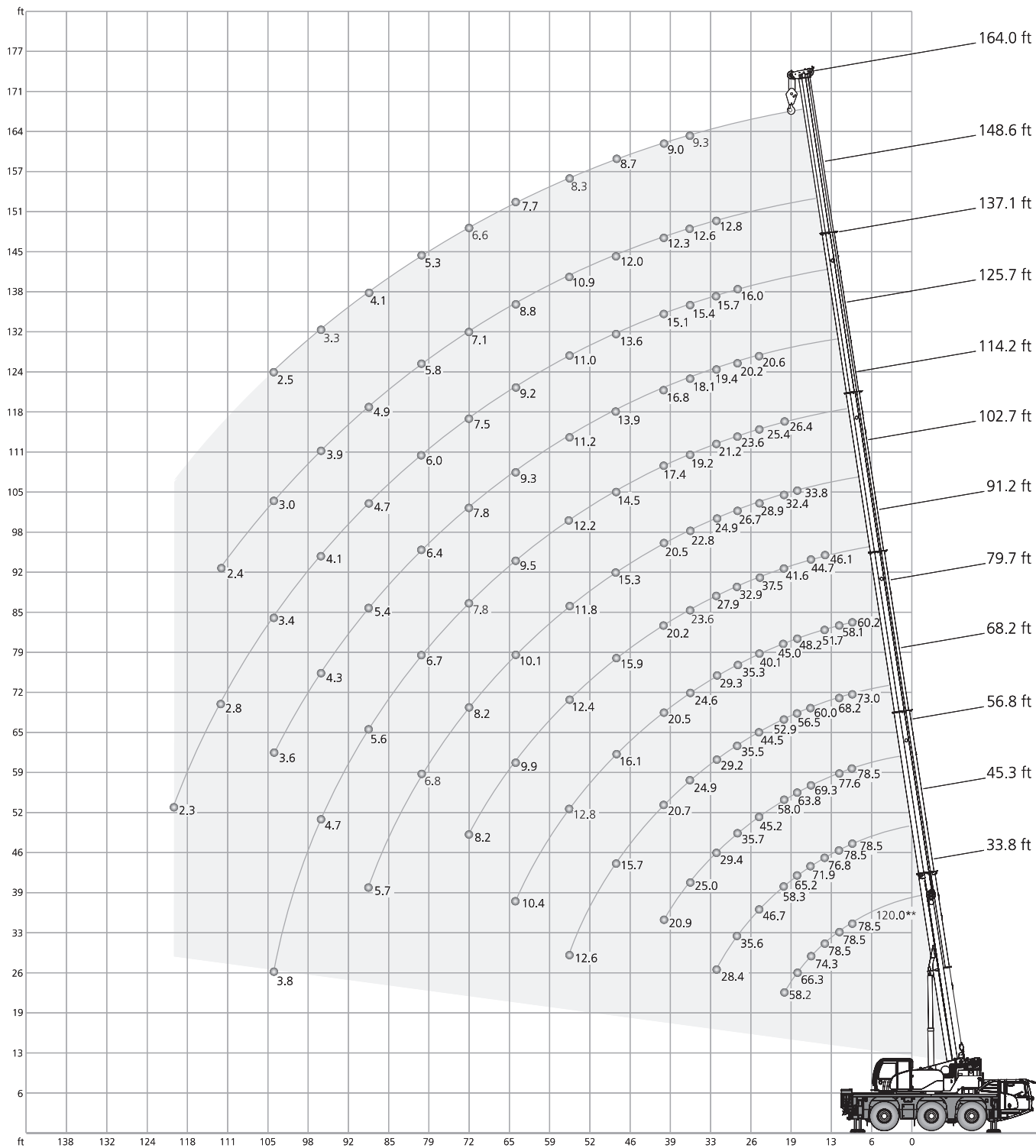
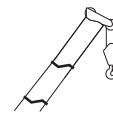
					
1	14,500 lb	8-0-18	3	375 lb	3.3 ft
2	29,000 lb	20-1-18	3	662 lb	5.9 ft
3	43,600 lb	20-1-18	3	662 lb	5.9 ft
4	58,400 lb	50-3-18	3	1,320 lb	5.9 ft
5	72,600 lb	50-3-18	3	1,320 lb	5.9 ft
6	78,500 lb	50-3-18	3	1,320 lb	5.9 ft

MS



* 385/95R25

**445/95R25



** Max. crane capacity – with additional special equipment

 13,200 lb		 22.6 ft x 21.3 ft		360°		ASME B30.5								
 ft	 33.8ft*	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	 ft
1,000 lb														
8	120.0**	-	-	-	-	-	-	-	-	-	-	-	-	8
10	78.5	78.5	78.5	78.5	73.0	60.2	-	-	-	-	-	-	-	10
12	78.5	78.5	78.5	77.6	68.2	58.1	-	-	-	-	-	-	-	12
14	78.5	77.7	76.8	73.8	63.7	55.3	46.1	-	-	-	-	-	-	14
16	74.3	72.1	71.9	69.3	60.0	51.7	44.7	-	-	-	-	-	-	16
18	66.3	64.8	65.2	63.8	56.5	48.2	43.2	33.8	-	-	-	-	-	18
20	58.2	57.6	58.3	58.0	52.9	45.0	41.6	32.4	26.4	-	-	-	-	20
24	-	-	46.7	45.2	44.5	40.1	37.5	28.9	25.4	20.6	-	-	-	24
28	-	-	35.6	35.7	35.5	35.3	32.9	26.7	23.6	20.2	16.0	-	-	28
32	-	-	28.4	29.4	29.2	29.3	27.9	24.9	21.2	19.4	15.7	12.8	-	32
36	-	-	-	25.0	24.9	24.6	23.6	22.8	19.2	18.1	15.4	12.6	9.3	36
40	-	-	-	20.9	20.7	20.5	20.2	20.5	17.4	16.8	15.1	12.3	9.0	40
48	-	-	-	-	15.7	16.1	15.9	15.3	14.5	13.9	13.6	12.0	8.7	48
56	-	-	-	-	12.6	12.8	12.4	11.8	12.2	11.2	11.0	10.9	8.3	56
64	-	-	-	-	-	10.4	9.9	10.1	9.5	9.3	9.2	8.8	7.7	64
72	-	-	-	-	-	-	8.2	8.2	7.8	7.8	7.5	7.1	6.6	72
80	-	-	-	-	-	-	-	6.8	6.7	6.4	6.0	5.8	5.3	80
88	-	-	-	-	-	-	-	5.7	5.6	5.4	4.7	4.9	4.1	88
96	-	-	-	-	-	-	-	-	4.7	4.3	4.1	3.9	3.3	96
104	-	-	-	-	-	-	-	-	3.8	3.6	3.4	3.0	2.5	104
112	-	-	-	-	-	-	-	-	-	-	2.8	2.4	-	112
120	-	-	-	-	-	-	-	-	-	-	2.3	-	-	120
1)	33.5	33.5	23.1	15.4	11.7	8.6	6.8	5.1	3.7	2.4	1.8	-	-	1)

1) Capacities with horizontal boom

* over rear

** Max. crane capacity – with additional special equipment

 9,000 lb		 22.6 ft x 21.3 ft		360° / Max.*						ASME B30.5				
 	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	78.5	78.5	78.5	78.5	78.5	78.5	73.0	73.0	60.2	60.2	-	-	10	
12	78.5	78.5	78.5	78.5	77.6	77.7	68.2	68.2	58.1	58.1	-	-	12	
14	77.4	77.7	76.8	76.8	73.8	73.8	63.7	63.7	55.3	55.3	46.1	46.1	14	
16	70.7	72.1	70.9	71.9	69.3	69.3	60.0	60.0	51.7	51.7	44.7	44.7	16	
18	63.1	64.1	63.8	64.4	61.7	61.7	56.0	56.0	48.2	48.2	43.2	43.2	18	
20	55.8	56.0	56.5	56.5	53.6	53.6	51.5	51.5	45.0	45.0	41.6	41.6	20	
24	-	-	42.2	42.4	40.9	41.0	40.3	40.3	39.3	39.3	36.7	36.8	24	
28	-	-	32.2	32.4	32.9	32.9	32.2	32.3	32.3	32.5	30.2	30.4	28	
32	-	-	26.3	26.4	27.0	27.2	26.8	27.0	26.5	26.7	25.2	25.4	32	
36	-	-	-	-	22.6	22.8	22.5	22.7	22.1	22.4	21.3	21.5	36	
40	-	-	-	-	18.8	19.0	18.8	19.0	18.8	18.9	19.0	19.2	40	
48	-	-	-	-	-	-	14.4	14.5	14.7	14.9	14.2	14.5	48	
56	-	-	-	-	-	-	11.6	11.8	11.4	11.6	10.9	11.3	56	
64	-	-	-	-	-	-	-	-	9.2	9.4	9.3	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	7.5	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	33.5	33.5	20.7	20.9	13.9	14.1	10.4	10.6	7.9	8.2	6.0	6.2	1)	

 	360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft		
ft	1,000 lb													ft
18	33.8	33.8	-	-	-	-	-	-	-	-	-	-	18	
20	32.4	32.4	26.4	26.4	-	-	-	-	-	-	-	-	20	
24	28.9	28.9	25.4	25.4	20.6	20.6	-	-	-	-	-	-	24	
28	26.7	26.7	23.6	23.6	20.2	20.2	16.0	16.0	-	-	-	-	28	
32	24.7	24.9	21.2	21.2	19.4	19.4	15.7	15.7	12.8	12.8	-	-	32	
36	21.6	21.8	18.8	19.1	17.9	18.1	15.4	15.4	12.6	12.6	9.3	9.3	36	
40	18.3	18.6	16.8	17.1	16.2	16.7	15.0	15.1	12.3	12.3	9.0	9.0	40	
48	13.6	13.9	13.9	14.1	12.9	13.0	12.5	12.9	11.6	11.8	8.7	8.7	48	
56	11.2	11.4	10.7	10.9	10.3	10.4	10.4	10.5	9.5	10.2	8.3	8.3	56	
64	9.0	9.3	8.6	8.8	8.5	8.9	8.2	8.5	7.7	8.1	7.0	7.5	64	
72	7.3	7.5	7.1	7.5	6.9	7.3	6.4	6.9	6.2	6.6	5.3	6.0	72	
80	6.0	6.2	5.8	6.2	5.5	6.0	5.4	5.4	5.1	5.5	4.2	4.7	80	
88	5.0	5.3	4.7	5.0	4.4	4.8	4.5	4.7	3.9	4.4	3.3	3.8	88	
96	-	4.0	3.8	4.2	3.6	4.0	3.6	4.0	3.1	3.6	2.4	3.0	96	
104	-	-	3.2	3.6	2.7	3.2	2.7	3.2	2.3	2.7	1.8	2.3	104	
112	-	-	-	-	-	-	2.2	2.6	-	2.2	-	-	112	
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120	
1)	4.4	4.6	2.9	3.3	1.8	2.2	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 6,600 lb		 22.6 ft x 21.3 ft		360° / Max.*								ASME B30.5		
		360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	
ft		1,000 lb												ft
10		78.5	78.5	78.5	78.5	78.5	78.5	73.0	73.0	60.2	60.2	-	-	10
12		78.5	78.5	78.5	78.5	77.6	77.7	68.2	68.2	58.1	58.1	-	-	12
14		76.8	77.7	76.8	76.8	73.8	73.8	63.7	63.7	55.3	55.3	46.1	46.1	14
16		69.7	71.3	70.2	71.2	68.4	69.3	60.0	60.0	51.7	51.7	44.7	44.7	16
18		61.7	63.0	62.2	63.5	59.5	61.7	54.5	56.0	48.2	48.2	43.2	43.2	18
20		53.7	55.0	55.3	56.0	50.4	53.6	48.5	51.5	44.8	45.0	41.4	41.6	20
24		-	-	39.7	42.4	39.9	41.0	37.8	40.3	37.2	39.3	34.5	36.8	24
28		-	-	30.1	32.4	31.6	32.9	31.2	32.3	30.4	32.5	28.1	30.4	28
32		-	-	24.5	26.4	25.2	27.2	25.2	27.0	24.7	26.7	23.5	25.4	32
36		-	-	-	-	21.0	22.8	21.0	22.7	20.6	22.4	20.7	21.5	36
40		-	-	-	-	17.5	19.0	17.5	19.0	18.1	18.9	17.7	19.2	40
48		-	-	-	-	-	-	13.9	14.5	13.6	14.9	13.2	14.5	48
56		-	-	-	-	-	-	10.7	11.8	10.6	11.6	10.5	11.3	56
64		-	-	-	-	-	-	-	-	8.7	9.4	8.6	9.3	64
72		-	-	-	-	-	-	-	-	-	6.4	7.1	8.0	72
80		-	-	-	-	-	-	-	-	-	-	-	6.5	80
1)		33.5	33.5	19.4	20.9	13.2	14.1	9.5	10.6	7.3	8.2	5.3	6.2	1)

		360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	
ft		1,000 lb												ft
18		33.8	33.8	-	-	-	-	-	-	-	-	-	-	18
20		32.4	32.4	26.4	26.4	-	-	-	-	-	-	-	-	20
24		28.9	28.9	25.4	25.4	20.6	20.6	-	-	-	-	-	-	24
28		26.7	26.7	23.6	23.6	20.2	20.2	16.0	16.0	-	-	-	-	28
32		23.5	24.9	20.9	21.2	19.4	19.4	15.7	15.7	12.8	12.8	-	-	32
36		20.1	21.8	18.2	19.1	17.2	18.1	15.4	15.4	12.6	12.6	9.3	9.3	36
40		17.0	18.6	16.7	17.1	15.4	16.7	14.9	15.1	12.3	12.3	9.0	9.0	40
48		13.1	13.9	12.8	14.1	12.2	13.0	12.2	12.9	11.4	11.8	8.7	8.7	48
56		10.4	11.4	9.8	10.9	9.9	10.4	9.5	10.5	8.7	10.2	7.8	8.3	56
64		8.3	9.3	8.1	8.8	7.9	8.9	7.4	8.5	7.2	8.1	6.1	7.5	64
72		6.9	7.5	6.4	7.5	6.2	7.3	6.2	6.9	5.5	6.6	4.7	6.0	72
80		5.6	6.2	5.1	6.2	4.9	6.0	4.9	5.4	4.5	5.5	3.6	4.7	80
88		4.6	5.3	4.1	5.0	3.9	4.8	3.9	4.7	3.4	4.4	2.6	3.8	88
96		-	4.0	3.3	4.2	3.1	4.0	3.1	4.0	2.6	3.6	1.9	3.0	96
104		-	-	2.7	3.6	2.3	3.2	2.3	3.2	1.9	2.7	-	2.3	104
112		-	-	-	-	-	-	-	2.6	-	2.2	-	-	112
120		-	-	-	-	-	-	-	2.1	-	-	-	-	120
1)		4.0	4.6	2.4	3.3	1.5	2.2	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 2,400 lb		 22.6 ft x 21.3 ft		360° / Max.*						ASME B30.5				
	 360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	78.5	78.5	78.5	78.5	78.5	78.5	73.0	73.0	60.2	60.2	-	-	10	
12	78.5	78.5	78.5	78.5	77.6	77.7	68.2	68.2	58.1	58.1	-	-	12	
14	75.8	77.1	76.2	76.8	73.0	73.8	63.7	63.7	55.3	55.3	46.1	46.1	14	
16	67.9	69.4	68.0	69.5	62.7	68.6	58.2	60.0	51.7	51.7	44.7	44.7	16	
18	57.8	60.9	58.0	61.5	53.2	61.2	50.7	56.0	46.2	48.2	42.1	43.2	18	
20	47.7	53.2	49.5	54.4	46.7	53.6	43.3	51.5	42.0	45.0	38.8	41.6	20	
24	-	-	35.3	42.4	36.4	41.0	35.5	40.3	33.2	39.3	30.6	36.8	24	
28	-	-	27.5	32.4	28.2	32.9	28.2	32.3	27.0	32.5	25.4	30.4	28	
32	-	-	21.8	26.4	22.4	27.2	22.4	27.0	21.9	26.7	22.3	25.4	32	
36	-	-	-	-	18.7	22.8	18.6	22.7	19.0	22.4	18.9	21.5	36	
40	-	-	-	-	15.5	19.0	16.2	19.0	16.2	18.9	15.7	19.2	40	
48	-	-	-	-	-	-	12.2	14.5	12.0	14.9	12.0	14.5	48	
56	-	-	-	-	-	-	9.4	11.8	9.5	11.6	9.4	11.3	56	
64	-	-	-	-	-	-	-	-	7.6	9.4	7.4	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	6.0	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	29.8	33.5	17.0	20.9	11.7	14.1	8.4	10.6	6.2	8.2	4.4	6.2	1)	

	 360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft		
ft	1,000 lb													ft
18	33.8	33.8	-	-	-	-	-	-	-	-	-	-	18	
20	32.4	32.4	26.4	26.4	-	-	-	-	-	-	-	-	20	
24	28.3	28.9	25.2	25.4	20.6	20.6	-	-	-	-	-	-	24	
28	24.7	26.7	22.2	23.6	20.0	20.2	16.0	16.0	-	-	-	-	28	
32	20.8	24.9	19.7	21.2	17.8	19.4	15.7	15.7	12.8	12.8	-	-	32	
36	17.7	21.8	17.5	19.1	15.9	18.1	14.5	15.4	12.6	12.6	9.3	9.3	36	
40	15.4	18.6	15.1	17.1	13.9	16.7	13.6	15.1	12.1	12.3	9.0	9.0	40	
48	11.8	13.9	11.1	14.1	11.5	13.0	10.5	12.9	9.4	11.8	8.3	8.7	48	
56	9.1	11.4	9.0	10.9	8.6	10.4	8.2	10.5	7.6	10.2	6.5	8.3	56	
64	7.4	9.3	7.0	8.8	6.7	8.9	6.5	8.5	5.7	8.1	4.7	7.5	64	
72	5.8	7.5	5.3	7.5	5.1	7.3	5.1	6.9	4.2	6.6	3.3	6.0	72	
80	4.7	6.2	4.2	6.2	3.8	6.0	4.0	5.4	3.2	5.5	2.3	4.7	80	
88	3.7	5.3	3.3	5.0	2.9	4.8	3.0	4.7	2.4	4.4	-	3.8	88	
96	-	4.0	2.4	4.2	2.1	4.0	2.2	4.0	-	3.6	-	3.0	96	
104	-	-	1.8	3.6	-	3.2	-	3.2	-	2.7	-	2.3	104	
112	-	-	-	-	-	-	-	2.6	-	2.2	-	-	112	
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120	
1)	3.1	4.6	1.8	3.3	-	2.2	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 13,200 lb		 22.6 ft x 14.8 ft		360° / Max.*						ASME B30.5				
	 360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	78.5	78.5	78.5	78.5	77.7	78.5	72.5	73.0	60.1	60.2	-	-	10	
12	76.5	78.5	74.4	78.5	66.3	77.7	60.9	68.2	54.3	58.1	-	-	12	
14	65.0	77.7	60.9	76.8	55.6	73.8	50.9	63.7	47.7	55.3	43.2	46.1	14	
16	50.1	72.1	50.6	71.9	46.6	69.3	44.6	60.0	40.9	51.7	37.2	44.7	16	
18	40.4	64.8	41.9	65.1	41.3	61.7	39.0	56.0	35.9	48.2	32.8	43.2	18	
20	32.5	57.2	34.7	57.7	35.4	53.6	34.0	51.5	31.5	45.0	30.0	41.6	20	
24	-	-	25.4	42.4	26.0	41.0	26.0	40.3	25.5	39.3	24.8	36.8	24	
28	-	-	19.6	32.4	20.1	32.9	20.7	32.3	20.8	32.5	20.3	30.4	28	
32	-	-	15.7	26.4	16.5	27.2	17.0	27.0	16.8	26.7	16.7	25.4	32	
36	-	-	-	-	13.9	22.8	14.3	22.7	14.3	22.4	14.4	21.5	36	
40	-	-	-	-	11.7	19.0	11.9	19.0	12.1	18.9	12.1	19.2	40	
48	-	-	-	-	-	-	8.9	14.5	9.1	14.9	9.1	14.5	48	
56	-	-	-	-	-	-	7.0	11.8	7.0	11.6	7.0	11.3	56	
64	-	-	-	-	-	-	-	-	5.6	9.4	5.6	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	4.4	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	20.9	33.5	12.3	20.9	8.6	14.1	6.2	10.6	4.6	8.2	3.3	6.2	1)	

		360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	
1,000 lb														
ft														ft
16	30.8	30.8	-	-	-	-	-	-	-	-	-	-	-	16
18	30.4	33.8	-	-	-	-	-	-	-	-	-	-	-	18
20	28.2	32.4	25.2	26.4	-	-	-	-	-	-	-	-	-	20
24	22.9	28.9	21.2	25.4	19.5	20.6	-	-	-	-	-	-	-	24
28	20.0	26.7	18.5	23.6	17.1	20.2	15.4	16.0	-	-	-	-	-	28
32	16.7	24.9	15.8	21.2	15.4	19.4	14.1	15.7	12.8	12.8	-	-	-	32
36	14.1	21.8	13.7	19.1	13.4	18.1	12.5	15.4	11.5	12.6	9.3	9.3	36	
40	11.9	18.6	11.7	17.1	11.4	16.7	11.2	15.1	10.4	12.3	8.9	9.0	40	
48	8.9	13.9	8.7	14.1	8.5	13.0	8.5	12.9	8.0	11.8	7.2	8.7	48	
56	6.9	11.4	6.7	10.9	6.5	10.4	6.5	10.5	6.1	10.2	5.2	8.3	56	
64	5.3	9.3	5.1	8.8	4.9	8.9	4.9	8.5	4.7	8.1	3.8	7.5	64	
72	4.4	7.5	4.0	7.5	3.8	7.3	3.8	6.9	3.6	6.6	2.7	6.0	72	
80	3.4	6.2	3.2	6.2	3.0	6.0	3.0	5.4	2.6	5.5	-	4.7	80	
88	2.9	5.3	2.6	5.0	2.4	4.8	2.4	4.7	1.9	4.4	-	3.8	88	
96	-	4.0	1.9	4.2	1.7	4.0	1.7	4.0	-	3.6	-	3.0	96	
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	2.3	104	
112	-	-	-	-	-	-	-	2.6	-	2.2	-	-	112	
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120	
1)	2.4	4.6	-	3.3	-	2.2	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 9,000 lb		 22.6 ft x 14.8 ft		360° / Max.*						ASME B30.5				
	 360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	78.5	78.5	77.8	78.5	75.5	78.5	67.9	73.0	59.5	60.2	-	-	10	
12	74.2	78.5	67.9	78.5	60.9	77.7	54.4	68.2	50.8	58.1	-	-	12	
14	58.1	77.7	54.4	76.8	49.7	73.8	46.8	63.7	42.6	55.3	38.5	46.1	14	
16	44.3	72.1	44.9	71.9	43.0	69.3	39.7	60.0	36.4	51.7	33.6	44.7	16	
18	35.7	64.1	37.1	64.4	36.9	61.7	34.6	56.0	32.0	48.2	30.1	43.2	18	
20	28.6	56.0	30.8	56.5	31.5	53.6	30.1	51.5	28.7	45.0	27.1	41.6	20	
24	-	-	22.5	42.4	23.1	41.0	23.2	40.3	23.3	39.3	21.9	36.8	24	
28	-	-	17.3	32.4	18.2	32.9	18.6	32.3	18.4	32.5	18.3	30.4	28	
32	-	-	13.7	26.4	14.7	27.2	15.0	27.0	15.2	26.7	15.0	25.4	32	
36	-	-	-	-	12.3	22.8	12.5	22.7	12.7	22.4	12.6	21.5	36	
40	-	-	-	-	10.2	19.0	10.3	19.0	10.6	18.9	10.6	19.2	40	
48	-	-	-	-	-	-	7.7	14.5	7.8	14.9	7.8	14.5	48	
56	-	-	-	-	-	-	5.9	11.8	6.0	11.6	5.9	11.3	56	
64	-	-	-	-	-	-	-	-	4.7	9.4	4.6	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	3.8	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	18.3	33.5	10.8	20.9	7.3	14.1	5.3	10.6	3.7	8.2	2.6	6.2	1)	

		360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	
1,000 lb														
ft														ft
16	30.8	30.8	-	-	-	-	-	-	-	-	-	-	-	16
18	28.1	33.8	-	-	-	-	-	-	-	-	-	-	-	18
20	25.0	32.4	22.8	26.4	-	-	-	-	-	-	-	-	-	20
24	21.2	28.9	19.5	25.4	17.8	20.6	-	-	-	-	-	-	-	24
28	17.7	26.7	16.9	23.6	15.8	20.2	14.3	16.0	-	-	-	-	-	28
32	14.7	24.9	14.4	21.2	13.4	19.4	12.3	15.7	11.5	12.8	-	-	-	32
36	12.5	21.8	12.2	19.1	11.6	18.1	11.1	15.4	10.1	12.6	8.8	9.3	36	
40	10.4	18.6	10.1	17.1	9.9	16.7	9.7	15.1	8.9	12.3	8.0	9.0	40	
48	7.8	13.9	7.5	14.1	7.2	13.0	7.2	12.9	6.7	11.8	5.6	8.7	48	
56	5.9	11.4	5.7	10.9	5.5	10.4	5.5	10.5	4.8	10.2	3.8	8.3	56	
64	4.6	9.3	4.2	8.8	4.0	8.9	4.2	8.5	3.5	8.1	2.6	7.5	64	
72	3.6	7.5	3.3	7.5	3.1	7.3	3.1	6.9	2.4	6.6	1.6	6.0	72	
80	2.8	6.2	2.6	6.2	2.3	6.0	2.3	5.4	-	5.5	-	4.7	80	
88	2.2	5.3	1.9	5.0	-	4.8	-	4.7	-	4.4	-	3.8	88	
96	-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	3.0	96	
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	2.3	104	
112	-	-	-	-	-	-	-	2.6	-	2.2	-	-	112	
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120	
1)	1.8	4.6	-	3.3	-	2.2	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 6,600 lb		 22.6 ft x 14.8 ft		360° / Max.*								ASME B30.5	
 	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	
ft													ft
1,000 lb													
10	78.1	78.5	77.4	78.5	70.3	78.5	63.3	73.0	55.3	60.2	-	-	10
12	70.1	78.5	63.3	78.5	56.7	77.7	52.7	68.2	47.4	58.1	-	-	12
14	53.8	77.7	50.5	76.8	47.4	73.8	43.7	63.7	39.6	55.3	36.2	46.1	14
16	41.0	71.3	41.7	71.2	40.0	69.3	37.0	60.0	33.7	51.7	31.9	44.7	16
18	32.9	63.0	35.2	63.5	34.4	61.7	32.2	56.0	29.7	48.2	28.6	43.2	18
20	26.2	55.0	28.4	56.0	29.3	53.6	27.9	51.5	27.1	45.0	25.2	41.6	20
24	-	-	20.7	42.4	21.2	41.0	22.1	40.3	21.6	39.3	20.9	36.8	24
28	-	-	15.9	32.4	16.9	32.9	17.2	32.3	17.3	32.5	17.1	30.4	28
32	-	-	12.5	26.4	13.4	27.2	13.8	27.0	14.0	26.7	13.8	25.4	32
36	-	-	-	-	11.2	22.8	11.5	22.7	11.7	22.4	11.6	21.5	36
40	-	-	-	-	9.3	19.0	9.5	19.0	9.7	18.9	9.7	19.2	40
48	-	-	-	-	-	-	7.0	14.5	7.2	14.9	7.2	14.5	48
56	-	-	-	-	-	-	5.4	11.8	5.5	11.6	5.4	11.3	56
64	-	-	-	-	-	-	-	-	4.2	9.4	4.2	9.3	64
72	-	-	-	-	-	-	-	-	-	6.4	3.1	8.0	72
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80
1)	16.8	33.5	9.7	20.9	6.6	14.1	4.6	10.6	3.3	8.2	2.4	6.2	1)

		360° 102.7 ft	Max. 102.7 ft	360° 114.2 ft	Max. 114.2 ft	360° 125.7 ft	Max. 125.7 ft	360° 137.1 ft	Max. 137.1 ft	360° 148.6 ft	Max. 148.6 ft	360° 164.0 ft	Max. 164.0 ft	
ft														ft
1,000 lb														
16		29.3	30.8	-	-	-	-	-	-	-	-	-	-	16
18		26.1	33.8	-	-	-	-	-	-	-	-	-	-	18
20		24.1	32.4	22.1	26.4	-	-	-	-	-	-	-	-	20
24		19.5	28.9	18.6	25.4	17.1	20.6	-	-	-	-	-	-	24
28		16.3	26.7	15.6	23.6	14.6	20.2	13.5	16.0	-	-	-	-	28
32		13.8	24.9	13.1	21.2	12.3	19.4	11.7	15.7	10.7	12.8	-	-	32
36		11.5	21.8	11.1	19.1	10.6	18.1	10.3	15.4	9.4	12.6	8.4	9.3	36
40		9.5	18.6	9.3	17.1	9.0	16.7	8.8	15.1	8.0	12.3	7.1	9.0	40
48		7.0	13.9	6.8	14.1	6.6	13.0	6.6	12.9	5.7	11.8	4.7	8.7	48
56		5.4	11.4	5.0	10.9	4.8	10.4	4.8	10.5	4.0	10.2	3.2	8.3	56
64		4.0	9.3	3.7	8.8	3.5	8.9	3.5	8.5	2.9	8.1	2.0	7.5	64
72		3.1	7.5	2.9	7.5	2.7	7.3	2.4	6.9	1.8	6.6	-	6.0	72
80		2.3	6.2	2.1	6.2	-	6.0	-	5.4	-	5.5	-	4.7	80
88		1.8	5.3	-	5.0	-	4.8	-	4.7	-	4.4	-	3.8	88
96		-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	3.0	96
104		-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	2.3	104
112		-	-	-	-	-	-	-	2.6	-	2.2	-	-	112
120		-	-	-	-	-	-	-	2.1	-	-	-	-	120
1)		-	4.6	-	3.3	-	2.2	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 2,400 lb		 22.6 ft x 14.8 ft		360° / Max.*						ASME B30.5				
 	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	77.2	78.5	72.6	78.5	63.4	78.5	57.7	73.0	50.8	60.2	-	-	10	
12	60.9	78.5	55.1	78.5	51.1	77.7	46.1	68.2	41.3	58.1	-	-	12	
14	46.5	77.1	43.9	76.8	41.7	73.8	38.1	63.7	34.4	55.3	32.1	46.1	14	
16	35.4	69.4	37.1	69.5	34.8	68.6	32.2	60.0	30.7	51.7	28.2	44.7	16	
18	28.3	60.9	30.6	61.5	29.9	61.2	28.0	56.0	27.0	48.2	24.8	43.2	18	
20	22.4	53.2	24.5	54.4	25.4	53.6	25.1	51.5	23.6	45.0	22.5	41.6	20	
24	-	-	17.7	42.4	19.0	41.0	19.2	40.3	19.1	39.3	18.1	36.8	24	
28	-	-	13.5	32.4	14.6	32.9	14.8	32.3	15.0	32.5	14.8	30.4	28	
32	-	-	10.6	26.4	11.6	27.2	11.8	27.0	12.0	26.7	12.0	25.4	32	
36	-	-	-	-	9.5	22.8	9.7	22.7	10.0	22.4	10.0	21.5	36	
40	-	-	-	-	7.7	19.0	8.0	19.0	8.2	18.9	8.2	19.2	40	
48	-	-	-	-	-	-	5.8	14.5	6.0	14.9	5.9	14.5	48	
56	-	-	-	-	-	-	4.3	11.8	4.5	11.6	4.4	11.3	56	
64	-	-	-	-	-	-	-	-	3.3	9.4	3.3	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	2.4	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	14.1	33.5	8.2	20.9	5.5	14.1	3.7	10.6	2.6	8.2	1.5	6.2	1)	

		360° 102.7 ft	Max. 102.7 ft	360° 114.2 ft	Max. 114.2 ft	360° 125.7 ft	Max. 125.7 ft	360° 137.1 ft	Max. 137.1 ft	360° 148.6 ft	Max. 148.6 ft	360° 164.0 ft	Max. 164.0 ft	
ft		1,000 lb												ft
16		25.5	30.8	-	-	-	-	-	-	-	-	-	-	16
18		23.4	33.8	-	-	-	-	-	-	-	-	-	-	18
20		20.9	32.4	19.5	26.4	-	-	-	-	-	-	-	-	20
24		17.2	28.9	16.0	25.4	14.9	20.6	-	-	-	-	-	-	24
28		14.3	26.7	13.3	23.6	12.3	20.2	11.8	16.0	-	-	-	-	28
32		11.7	24.9	11.0	21.2	10.3	19.4	9.9	15.7	9.1	12.8	-	-	32
36		9.7	21.8	9.3	19.1	8.7	17.8	8.4	15.4	7.6	12.6	6.5	9.3	36
40		8.0	18.6	7.7	17.0	7.3	16.0	7.1	15.0	6.2	12.3	5.1	9.0	40
48		5.8	13.9	5.5	14.1	5.3	12.8	5.0	12.5	4.2	11.6	3.1	8.7	48
56		4.3	11.4	4.0	10.9	3.8	10.4	3.5	10.2	2.7	9.3	-	8.0	56
64		3.2	9.3	2.9	8.8	2.6	8.9	2.4	8.0	-	7.7	-	6.7	64
72		2.4	7.5	2.0	7.5	1.8	7.3	-	6.4	-	6.2	-	5.1	72
80		-	6.2	-	6.2	-	6.0	-	5.4	-	4.9	-	4.0	80
88		-	5.3	-	5.0	-	4.8	-	4.7	-	3.8	-	2.9	88
96		-	4.0	-	4.2	-	4.0	-	4.0	-	3.0	-	2.1	96
104		-	-	-	3.4	-	3.2	-	3.2	-	2.7	-	-	104
112		-	-	-	-	-	-	-	2.6	-	2.2	-	-	112
120		-	-	-	-	-	-	-	2.0	-	-	-	-	120
1)		-	4.6	-	3.3	-	2.2	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 13,200 lb		 22.6 ft x 9.8 ft		360° / Max.*								ASME B30.5		
	 360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	57.8	78.5	52.9	78.5	49.3	78.5	44.6	73.0	40.3	60.2	-	-	10	
12	45.3	78.5	43.5	78.5	40.5	77.7	37.2	68.2	35.2	58.1	-	-	12	
14	35.2	77.7	36.2	76.8	34.1	73.8	32.1	63.7	30.3	55.3	27.8	46.1	14	
16	27.8	72.1	29.9	71.9	29.3	69.3	28.4	60.0	26.5	51.7	24.9	44.7	16	
18	23.0	64.8	25.1	65.1	25.3	61.7	25.1	56.0	23.9	48.2	22.4	43.2	18	
20	19.0	57.2	20.9	57.7	22.0	53.6	22.1	51.5	21.3	45.0	20.0	41.6	20	
24	-	-	15.7	42.4	16.6	41.0	17.0	40.3	17.1	39.3	16.4	36.8	24	
28	-	-	12.3	32.4	13.2	32.9	13.5	32.3	13.7	32.5	13.5	30.4	28	
32	-	-	9.7	26.4	10.6	27.2	10.8	27.0	11.1	26.7	11.0	25.4	32	
36	-	-	-	-	8.9	22.8	9.1	22.7	9.3	22.4	9.3	21.5	36	
40	-	-	-	-	7.3	19.0	7.5	19.0	7.8	18.9	7.8	19.2	40	
48	-	-	-	-	-	-	5.5	14.5	5.8	14.9	5.8	14.5	48	
56	-	-	-	-	-	-	4.2	11.8	4.4	11.6	4.3	11.3	56	
64	-	-	-	-	-	-	-	-	3.3	9.4	3.2	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	2.4	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	12.6	33.5	7.7	20.9	5.3	14.1	3.7	10.6	2.6	8.2	1.5	6.2	1)	

		360° 102.7 ft	Max. 102.7 ft	360° 114.2 ft	Max. 114.2 ft	360° 125.7 ft	Max. 125.7 ft	360° 137.1 ft	Max. 137.1 ft	360° 148.6 ft	Max. 148.6 ft	360° 164.0 ft	Max. 164.0 ft	
ft		1,000 lb												ft
16		22.2	30.8	-	-	-	-	-	-	-	-	-	-	16
18		21.0	33.8	-	-	-	-	-	-	-	-	-	-	18
20		18.9	32.4	17.6	26.4	-	-	-	-	-	-	-	-	20
24		15.6	28.9	14.5	25.4	13.5	20.6	-	-	-	-	-	-	24
28		12.9	26.7	12.1	23.6	11.3	20.2	10.9	16.0	-	-	-	-	28
32		11.0	24.9	10.2	21.2	9.6	19.4	9.1	15.7	8.4	12.8	-	-	32
36		9.2	21.8	8.7	19.1	8.2	18.1	7.9	15.4	7.2	12.6	6.2	9.3	36
40		7.5	18.6	7.3	17.1	6.9	16.7	6.7	15.1	6.0	12.3	4.9	9.0	40
48		5.5	13.9	5.3	14.1	5.1	13.0	4.9	12.9	4.1	11.8	3.1	8.7	48
56		4.2	11.4	3.9	10.9	3.7	10.4	3.5	10.5	2.7	10.2	-	8.3	56
64		3.1	9.3	2.9	8.8	2.6	8.9	2.4	8.5	-	8.1	-	7.5	64
72		2.4	7.5	2.0	7.5	1.8	7.3	1.6	6.9	-	6.6	-	6.0	72
80		-	6.2	-	6.2	-	6.0	-	5.4	-	5.5	-	4.7	80
88		-	5.3	-	5.0	-	4.8	-	4.7	-	4.4	-	3.8	88
96		-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	3.0	96
104		-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	2.3	104
112		-	-	-	-	-	-	-	2.6	-	2.2	-	-	112
120		-	-	-	-	-	-	-	2.1	-	-	-	-	120
1)		-	4.6	-	3.3	-	2.2	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 9,000 lb		 22.6 ft x 9.8 ft		360° / Max.*						ASME B30.5				
 	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	50.7	78.5	47.5	78.5	43.4	78.5	39.3	73.0	36.8	60.2	-	-	10	
12	39.4	78.5	38.2	78.5	35.6	77.7	33.7	68.2	30.9	58.1	-	-	12	
14	30.6	77.7	31.7	76.8	29.8	73.8	28.8	63.7	27.0	55.3	25.1	46.1	14	
16	24.1	72.1	26.1	71.9	26.2	69.3	24.8	60.0	23.6	51.7	22.0	44.7	16	
18	19.8	64.1	21.8	64.4	22.6	61.7	21.9	56.0	20.9	48.2	19.6	43.2	18	
20	16.2	56.0	18.1	56.5	19.2	53.6	19.2	51.5	18.4	45.0	17.4	41.6	20	
24	-	-	13.4	42.4	14.5	41.0	14.8	40.3	14.8	39.3	14.1	36.8	24	
28	-	-	10.4	32.4	11.4	32.9	11.6	32.3	11.8	32.5	11.6	30.4	28	
32	-	-	8.3	26.4	9.0	27.2	9.3	27.0	9.5	26.7	9.5	25.4	32	
36	-	-	-	-	7.5	22.8	7.7	22.7	7.9	22.4	7.9	21.5	36	
40	-	-	-	-	6.2	19.0	6.5	19.0	6.5	18.9	6.5	19.2	40	
48	-	-	-	-	-	-	4.7	14.5	4.7	14.9	4.7	14.5	48	
56	-	-	-	-	-	-	3.4	11.8	3.5	11.6	3.5	11.3	56	
64	-	-	-	-	-	-	-	-	2.6	9.4	2.6	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	1.8	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	10.6	33.5	6.4	20.9	4.4	14.1	2.9	10.6	2.0	8.2	-	6.2	1)	

		360° 102.7 ft	Max. 102.7 ft	360° 114.2 ft	Max. 114.2 ft	360° 125.7 ft	Max. 125.7 ft	360° 137.1 ft	Max. 137.1 ft	360° 148.6 ft	Max. 148.6 ft	360° 164.0 ft	Max. 164.0 ft	
ft														ft
1,000 lb														
16	19.1	30.8	-	-	-	-	-	-	-	-	-	-	-	16
18	18.3	33.8	-	-	-	-	-	-	-	-	-	-	-	18
20	16.3	32.4	15.2	26.4	-	-	-	-	-	-	-	-	-	20
24	13.4	28.9	12.4	25.4	11.6	20.6	-	-	-	-	-	-	-	24
28	11.1	26.7	10.2	23.6	9.5	20.2	9.2	16.0	-	-	-	-	-	28
32	9.4	24.9	8.6	21.2	8.0	19.4	7.8	15.7	6.9	12.8	-	-	-	32
36	7.9	21.8	7.4	19.1	6.8	18.1	6.5	15.4	5.6	12.6	4.5	9.3	36	36
40	6.5	18.6	6.2	17.1	5.6	16.7	5.4	15.1	4.5	12.3	3.4	9.0	40	40
48	4.7	13.9	4.3	14.1	4.0	13.0	3.6	12.9	2.7	11.8	-	8.7	48	48
56	3.3	11.4	3.1	10.9	2.6	10.4	2.4	10.5	-	10.2	-	8.3	56	56
64	2.4	9.3	2.1	8.8	-	8.9	-	8.5	-	8.1	-	7.5	64	64
72	1.6	7.5	-	7.5	-	7.3	-	6.9	-	6.6	-	6.0	72	72
80	-	6.2	-	6.2	-	6.0	-	5.4	-	5.5	-	4.7	80	80
88	-	5.3	-	5.0	-	4.8	-	4.7	-	4.4	-	3.8	88	88
96	-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	3.0	96	96
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	2.3	104	104
112	-	-	-	-	-	-	-	2.6	-	2.2	-	-	112	112
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120	120
1)	-	4.6	-	3.3	-	2.2	-	-	-	-	-	-	1)	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 6,600 lb		 22.6 ft x 9.8 ft		360° / Max.*						ASME B30.5				
	 360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft		
ft	1,000 lb													ft
10	46.5	78.5	43.6	78.5	40.0	78.5	37.0	73.0	33.9	60.2	-	-	10	
12	36.1	78.5	35.1	78.5	32.7	77.7	31.1	68.2	29.0	58.1	-	-	12	
14	27.8	77.7	29.1	76.8	28.0	73.8	26.5	63.7	24.8	55.3	23.1	46.1	14	
16	21.8	71.3	24.0	71.2	23.9	69.3	22.8	60.0	21.5	51.7	20.2	44.7	16	
18	17.9	63.0	19.9	63.5	20.6	61.7	20.0	56.0	19.1	48.2	17.9	43.2	18	
20	14.6	55.0	16.4	56.0	17.5	53.6	17.5	51.5	16.9	45.0	15.8	41.6	20	
24	-	-	12.2	42.4	13.2	41.0	13.5	40.3	13.5	39.3	12.8	36.8	24	
28	-	-	9.3	32.4	10.2	32.9	10.5	32.3	10.6	32.5	10.5	30.4	28	
32	-	-	7.4	26.4	8.1	27.2	8.3	27.0	8.5	26.7	8.5	25.4	32	
36	-	-	-	-	6.8	22.8	7.0	22.7	7.1	22.4	7.1	21.5	36	
40	-	-	-	-	5.6	19.0	5.8	19.0	5.8	18.9	5.8	19.2	40	
48	-	-	-	-	-	-	4.1	14.5	4.1	14.9	4.1	14.5	48	
56	-	-	-	-	-	-	3.0	11.8	3.1	11.6	3.0	11.3	56	
64	-	-	-	-	-	-	-	-	2.1	9.4	2.1	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	-	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	80	
1)	9.3	33.5	5.5	20.9	3.7	14.1	2.4	10.6	1.5	8.2	-	6.2	1)	

		360° 102.7 ft	Max. 102.7 ft	360° 114.2 ft	Max. 114.2 ft	360° 125.7 ft	Max. 125.7 ft	360° 137.1 ft	Max. 137.1 ft	360° 148.6 ft	Max. 148.6 ft	360° 164.0 ft	Max. 164.0 ft	
ft														ft
1,000 lb														
16	17.5	30.8	-	-	-	-	-	-	-	-	-	-	-	16
18	16.8	33.8	-	-	-	-	-	-	-	-	-	-	-	18
20	15.0	32.4	13.7	26.4	-	-	-	-	-	-	-	-	-	20
24	12.2	28.9	11.1	25.4	10.3	20.6	-	-	-	-	-	-	-	24
28	10.0	26.7	9.2	23.6	8.6	20.2	8.1	16.0	-	-	-	-	-	28
32	8.3	24.9	7.6	21.2	7.1	19.4	6.8	15.7	6.0	12.8	-	-	-	32
36	7.0	21.8	6.4	19.1	6.0	18.1	5.6	15.4	4.8	12.6	3.6	9.3	-	36
40	5.8	18.6	5.4	17.1	4.9	16.7	4.5	15.1	3.6	12.3	-	9.0	-	40
48	4.1	13.9	3.8	14.1	3.2	13.0	3.0	12.8	-	11.8	-	8.7	-	48
56	2.8	11.4	2.6	10.9	2.0	10.4	-	10.5	-	10.2	-	8.3	-	56
64	1.9	9.3	-	8.8	-	8.9	-	8.5	-	8.1	-	7.5	-	64
72	-	7.5	-	7.5	-	7.3	-	6.9	-	6.6	-	5.8	-	72
80	-	6.2	-	6.2	-	6.0	-	5.4	-	5.3	-	4.6	-	80
88	-	5.3	-	5.0	-	4.8	-	4.7	-	4.4	-	3.6	-	88
96	-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	2.8	-	96
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	1.9	-	104
112	-	-	-	-	-	-	-	2.6	-	2.2	-	-	-	112
120	-	-	-	-	-	-	-	2.1	-	-	-	-	-	120
1)	-	4.6	-	3.3	-	2.2	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

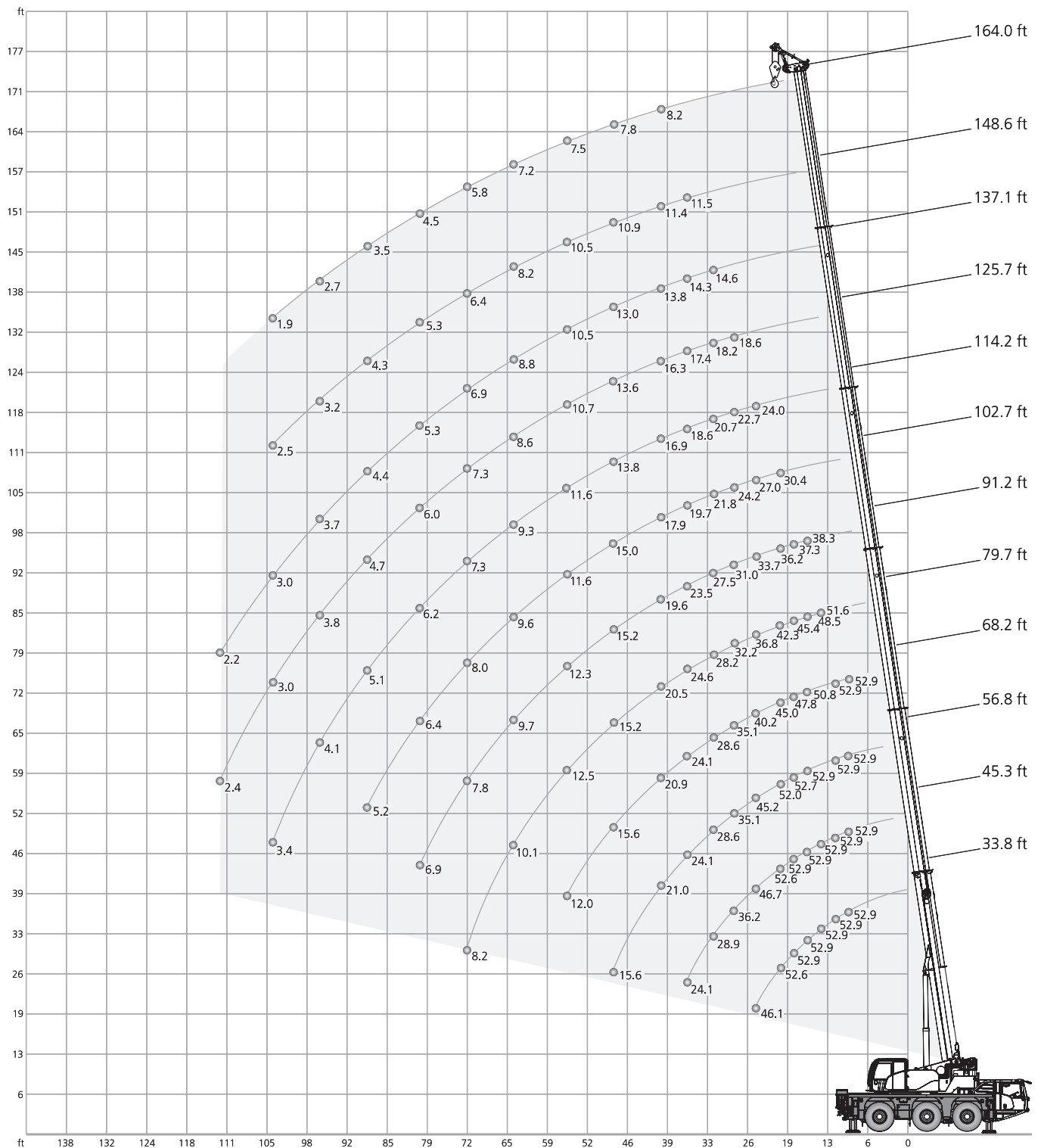
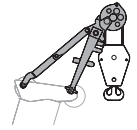
* Max. values are valid only for specific superstructure positions

 2,400 lb		 22.6 ft x 9.8 ft		360° / Max.*								ASME B30.5		
		360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	
ft		1,000 lb												ft
10		39.2	78.5	37.3	78.5	34.9	78.5	32.0	73.0	29.6	60.2	-	-	10
12		30.2	78.5	29.8	78.5	28.4	77.7	26.6	68.2	24.7	58.1	-	-	12
14		23.2	77.1	24.5	76.8	23.8	73.8	22.4	63.7	21.1	55.3	19.5	46.1	14
16		18.1	69.4	20.0	69.5	20.3	68.6	19.3	60.0	18.2	51.7	17.0	44.7	16
18		14.7	60.9	16.7	61.5	17.5	61.2	16.9	56.0	16.0	48.2	15.0	43.2	18
20		11.8	53.2	13.8	54.4	14.9	53.6	14.7	51.5	14.1	45.0	13.2	41.6	20
24		-	-	10.0	42.4	10.9	41.0	11.4	40.3	11.3	39.3	10.7	36.8	24
28		-	-	7.6	32.4	8.4	32.9	8.8	32.3	9.0	32.5	8.7	30.0	28
32		-	-	5.8	26.4	6.7	27.2	6.9	27.0	7.0	26.7	6.9	24.2	32
36		-	-	-	-	5.4	22.8	5.6	22.7	5.8	22.4	5.8	21.4	36
40		-	-	-	-	4.3	19.0	4.5	19.0	4.7	18.9	4.7	19.2	40
48		-	-	-	-	-	-	3.0	14.4	3.2	14.7	3.2	13.9	48
56		-	-	-	-	-	-	2.1	11.3	2.2	11.4	2.1	10.5	56
64		-	-	-	-	-	-	-	-	-	9.0	-	8.9	64
72		-	-	-	-	-	-	-	-	-	6.4	-	7.3	72
80		-	-	-	-	-	-	-	-	-	-	-	6.0	80
1)		7.3	33.5	4.2	20.9	2.9	13.9	1.5	9.9	-	7.5	-	5.5	1)

		360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	
ft		1,000 lb												ft
16		14.3	30.8	-	-	-	-	-	-	-	-	-	-	16
18		14.0	33.8	-	-	-	-	-	-	-	-	-	-	18
20		12.4	32.4	11.3	26.4	-	-	-	-	-	-	-	-	20
24		10.0	28.9	9.0	25.4	8.3	20.6	-	-	-	-	-	-	24
28		8.1	26.7	7.3	23.6	6.7	20.2	6.5	16.0	-	-	-	-	28
32		6.7	23.9	6.0	21.1	5.5	19.4	5.1	15.7	4.0	12.8	-	-	32
36		5.5	20.4	5.0	18.2	4.4	17.0	4.0	15.2	3.0	12.6	-	9.3	36
40		4.5	17.3	4.1	16.7	3.4	15.3	3.0	14.5	-	12.3	-	9.0	40
48		3.0	13.4	2.5	13.0	-	11.9	-	11.7	-	10.8	-	8.7	48
56		2.1	10.9	-	9.9	-	9.9	-	9.1	-	8.6	-	7.6	56
64		-	8.4	-	8.3	-	7.9	-	7.3	-	6.8	-	5.7	64
72		-	6.9	-	6.6	-	6.2	-	6.2	-	5.3	-	4.2	72
80		-	5.9	-	5.3	-	4.9	-	4.7	-	4.0	-	3.1	80
88		-	4.8	-	4.3	-	3.9	-	3.8	-	3.0	-	2.2	88
96		-	4.0	-	3.5	-	3.1	-	3.1	-	2.4	-	-	96
104		-	-	-	2.9	-	2.3	-	2.3	-	1.8	-	-	104
112		-	-	-	-	-	-	-	1.7	-	-	-	-	112
1)		-	4.0	-	2.6	-	1.5	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions



 13,200 lb		 22.6 ft x 21.3 ft		360°		ASME B30.5							
 	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	10
12	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	12
14	52.9	52.9	52.9	52.9	51.6	-	-	-	-	-	-	-	14
16	52.9	52.9	52.9	50.8	48.5	38.3	-	-	-	-	-	-	16
18	52.9	52.9	52.7	47.8	45.4	37.3	-	-	-	-	-	-	18
20	52.6	52.6	52.0	45.0	42.3	36.2	30.4	-	-	-	-	-	20
24	46.1	46.7	45.2	40.2	36.8	33.7	27.0	24.0	-	-	-	-	24
28	-	36.2	35.1	35.1	32.2	31.0	24.2	22.7	18.6	-	-	-	28
32	-	28.9	28.6	28.6	28.2	27.5	21.8	20.7	18.2	14.6	-	-	32
36	-	24.1	24.1	24.1	24.6	23.5	19.7	18.6	17.4	14.3	11.5	-	36
40	-	-	21.0	20.9	20.5	19.6	17.9	16.9	16.3	13.8	11.4	8.2	40
48	-	-	15.6	15.6	15.2	15.2	15.0	13.8	13.6	13.0	10.9	7.8	48
56	-	-	-	12.0	12.5	12.3	11.6	11.6	10.7	10.5	10.5	7.5	56
64	-	-	-	-	10.1	9.7	9.6	9.3	8.6	8.8	8.2	7.2	64
72	-	-	-	-	8.2	7.8	8.0	7.3	7.3	6.9	6.4	5.8	72
80	-	-	-	-	-	6.9	6.4	6.2	6.0	5.3	5.3	4.5	80
88	-	-	-	-	-	-	5.2	5.1	4.7	4.4	4.3	3.5	88
96	-	-	-	-	-	-	-	4.1	3.8	3.7	3.2	2.7	96
104	-	-	-	-	-	-	-	3.4	3.0	3.0	2.5	1.9	104
112	-	-	-	-	-	-	-	-	2.4	2.2	-	-	112
1)	29.5	19.4	13.7	10.4	7.7	6.0	4.4	2.9	1.8	-	-	-	1)

 9,000 lb		 22.6 ft x 21.3 ft		360°		ASME B30.5							
 	33.8 ft	45.3 ft	56.8 ft	68.2 ft	79.7 ft	91.2 ft	102.7 ft	114.2 ft	125.7 ft	137.1 ft	148.6 ft	164.0 ft	
ft	1,000 lb												ft
10	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	10
12	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	12
14	52.9	52.9	52.9	52.9	51.6	-	-	-	-	-	-	-	14
16	52.9	52.9	52.9	50.8	48.5	38.3	-	-	-	-	-	-	16
18	52.9	52.9	52.7	47.8	45.4	37.3	-	-	-	-	-	-	18
20	52.1	52.2	51.6	45.0	42.3	36.2	30.4	-	-	-	-	-	20
24	41.7	42.6	41.0	39.4	36.4	33.7	27.0	24.0	-	-	-	-	24
28	-	32.7	31.9	32.1	30.1	29.7	24.2	22.7	18.6	-	-	-	28
32	-	25.9	26.1	26.2	26.3	24.9	21.8	20.7	18.2	14.6	-	-	32
36	-	21.7	22.6	22.6	22.1	21.0	19.7	18.6	17.4	14.3	11.5	-	36
40	-	-	18.8	18.8	18.3	17.5	17.6	16.2	16.0	13.8	11.4	8.2	40
48	-	-	13.8	13.9	13.9	14.0	13.4	13.3	12.5	12.0	10.9	7.8	48
56	-	-	-	11.2	11.2	10.7	10.7	10.3	9.7	9.8	9.0	7.5	56
64	-	-	-	-	8.8	8.6	8.6	7.9	8.2	7.5	7.2	6.2	64
72	-	-	-	-	7.3	7.3	6.9	6.6	6.2	5.8	5.5	4.7	72
80	-	-	-	-	-	5.8	5.6	5.3	4.9	4.9	4.3	3.4	80
88	-	-	-	-	-	-	4.6	4.1	3.8	3.8	3.4	2.4	88
96	-	-	-	-	-	-	-	3.3	2.9	2.9	2.4	-	96
104	-	-	-	-	-	-	-	2.5	2.3	2.3	1.6	-	104
1)	28.9	17.9	12.1	9.3	6.8	5.1	3.5	2.2	-	-	-	-	1)

1) Capacities with horizontal boom

 6,600 lb		 22.6 ft x 21.3 ft				360°				ASME B30.5			
	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	10
12	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	12
14	52.9	52.9	52.9	52.9	51.6	-	-	-	-	-	-	-	14
16	52.9	52.9	52.9	50.8	48.5	38.3	-	-	-	-	-	-	16
18	52.9	52.9	52.1	47.8	45.4	37.3	-	-	-	-	-	-	18
20	51.9	51.9	50.2	44.9	42.2	36.2	30.4	-	-	-	-	-	20
24	39.0	40.5	38.5	37.6	34.7	33.1	27.0	24.0	-	-	-	-	24
28	-	30.8	30.8	30.1	29.3	27.8	24.2	22.7	18.6	-	-	-	28
32	-	24.3	24.6	25.1	24.8	23.3	21.5	20.6	18.2	14.6	-	-	32
36	-	20.1	21.2	21.2	20.6	19.7	19.0	17.7	17.2	14.3	11.5	-	36
40	-	-	17.7	17.5	17.0	16.6	16.8	15.8	14.7	13.8	11.4	8.2	40
48	-	-	12.9	12.9	13.4	13.1	12.6	12.5	11.7	11.5	10.6	7.8	48
56	-	-	-	10.5	10.3	9.9	10.1	9.4	9.6	8.8	8.3	7.4	56
64	-	-	-	-	8.2	8.3	7.9	7.7	7.5	6.8	6.4	5.4	64
72	-	-	-	-	6.9	6.6	6.4	6.0	5.6	5.5	4.9	4.0	72
80	-	-	-	-	-	5.3	5.1	4.7	4.4	4.2	3.6	2.7	80
88	-	-	-	-	-	-	4.1	3.7	3.3	3.3	2.8	-	88
96	-	-	-	-	-	-	-	2.9	2.4	2.4	2.0	-	96
104	-	-	-	-	-	-	-	2.3	1.8	1.8	-	-	104
1)	26.9	16.5	11.2	8.4	6.4	4.4	3.1	1.8	-	-	-	-	1)

 2,400 lb		 22.6 ft x 21.3 ft				360°				ASME B30.5			
	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	10
12	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	12
14	52.9	52.9	52.9	52.9	51.6	-	-	-	-	-	-	-	14
16	52.9	52.9	52.9	50.8	48.5	38.3	-	-	-	-	-	-	16
18	51.8	51.6	49.4	47.0	44.1	37.3	-	-	-	-	-	-	18
20	49.4	49.2	44.7	43.0	39.4	36.0	30.4	-	-	-	-	-	20
24	34.7	36.2	35.0	33.4	31.8	30.3	26.9	24.0	-	-	-	-	24
28	-	27.4	27.4	27.3	26.7	24.6	22.9	21.7	18.6	-	-	-	28
32	-	21.5	22.5	22.6	21.9	20.4	19.9	18.6	17.4	14.6	-	-	32
36	-	18.4	18.8	18.6	18.2	17.7	17.5	16.3	15.9	14.3	11.5	-	36
40	-	-	15.5	15.3	15.8	15.5	14.8	14.7	13.4	12.7	11.4	8.2	40
48	-	-	11.1	12.0	11.7	11.5	11.5	10.9	10.8	9.9	8.9	7.8	48
56	-	-	-	9.2	9.2	9.2	8.7	8.5	8.1	7.9	6.8	5.7	56
64	-	-	-	-	7.3	7.0	6.9	6.5	6.2	5.8	5.0	4.1	64
72	-	-	-	-	5.8	5.5	5.3	4.9	4.7	4.4	3.6	2.7	72
80	-	-	-	-	-	4.3	4.1	3.8	3.4	3.4	2.5	-	80
88	-	-	-	-	-	-	3.3	2.8	2.4	2.4	-	-	88
96	-	-	-	-	-	-	-	2.0	-	-	-	-	96
1)	23.8	14.6	10.1	7.3	5.3	3.5	2.4	-	-	-	-	-	1)

1) Capacities with horizontal boom

 13,200 lb		 22.6 ft x 14.8 ft						360°			ASME B30.5		
 	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	10
12	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	12
14	52.9	52.9	51.1	49.5	45.0	-	-	-	-	-	-	-	14
16	49.8	49.4	45.6	42.2	38.5	36.5	-	-	-	-	-	-	16
18	41.8	42.1	40.0	36.8	34.8	32.5	-	-	-	-	-	-	18
20	33.6	34.7	34.5	33.0	31.2	28.6	26.7	-	-	-	-	-	20
24	24.3	25.5	26.3	26.3	24.9	23.5	22.5	20.8	-	-	-	-	24
28	-	19.9	20.4	20.4	19.9	19.8	18.6	18.1	16.4	-	-	-	28
32	-	15.9	16.4	16.5	16.7	16.4	16.4	15.3	14.7	13.5	-	-	32
36	-	13.3	13.7	14.2	14.2	14.1	13.7	13.5	13.0	12.2	11.3	-	36
40	-	-	11.7	11.9	11.9	11.9	11.5	11.4	11.2	10.5	9.7	8.2	40
48	-	-	8.3	8.8	8.9	8.8	8.7	8.3	8.0	8.0	7.6	6.5	48
56	-	-	-	6.8	6.8	6.8	6.6	6.3	6.1	6.1	5.5	4.6	56
64	-	-	-	-	5.4	5.2	5.1	4.8	4.6	4.6	4.0	3.1	64
72	-	-	-	-	4.2	4.2	4.0	3.8	3.6	3.6	2.9	2.0	72
80	-	-	-	-	-	3.2	3.2	3.0	2.7	2.5	-	-	80
88	-	-	-	-	-	-	2.5	2.2	1.9	-	-	-	88
1)	17.0	10.6	7.5	5.3	4.0	2.9	1.8	-	-	-	-	-	1)

 9,000 lb		 22.6 ft x 14.8 ft		360°		ASME B30.5							
 	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	10
12	52.9	52.9	52.6	51.3	-	-	-	-	-	-	-	-	12
14	52.9	51.1	48.5	44.4	40.0	-	-	-	-	-	-	-	14
16	45.6	44.6	41.1	37.6	35.9	32.7	-	-	-	-	-	-	16
18	37.0	37.4	35.6	33.4	31.5	28.8	-	-	-	-	-	-	18
20	29.7	30.8	30.6	29.9	27.5	25.6	24.5	-	-	-	-	-	20
24	21.4	22.9	23.3	23.3	22.0	21.6	20.1	19.0	-	-	-	-	24
28	-	17.5	18.0	18.0	18.3	17.6	17.3	16.2	15.1	-	-	-	28
32	-	13.9	14.5	15.0	14.8	14.9	14.4	13.9	13.2	12.1	-	-	32
36	-	11.5	12.2	12.4	12.6	12.4	12.4	11.7	11.3	10.8	9.9	-	36
40	-	-	10.2	10.3	10.4	10.3	10.2	9.9	9.7	9.3	8.6	7.5	40
48	-	-	6.9	7.6	7.6	7.6	7.4	7.2	6.9	6.9	6.1	5.0	48
56	-	-	-	5.7	5.9	5.7	5.7	5.2	5.0	5.0	4.1	3.3	56
64	-	-	-	-	4.5	4.4	4.2	4.0	3.7	3.6	2.9	2.0	64
72	-	-	-	-	3.5	3.3	3.3	2.9	2.7	2.4	1.8	-	72
80	-	-	-	-	-	2.6	2.5	2.1	-	-	-	-	80
88	-	-	-	-	-	-	1.8	-	-	-	-	-	88
1)	14.8	9.0	6.4	4.4	3.3	2.2	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

 6,600 lb		 22.6 ft x 14.8 ft						360°			ASME B30.5		
 33.8 ft	 45.3 ft	 56.8 ft	 68.2 ft	 79.7 ft	 91.2 ft	 102.7 ft	 114.2 ft	 125.7 ft	 137.1 ft	 148.6 ft	 164.0 ft		
ft	1,000 lb											ft	
10	52.9	52.9	52.9	52.8	-	-	-	-	-	-	-	-	10
12	52.9	52.9	51.8	49.8	-	-	-	-	-	-	-	-	12
14	51.1	49.3	45.6	41.2	38.5	-	-	-	-	-	-	-	14
16	42.5	41.4	38.2	35.8	33.4	30.7	-	-	-	-	-	-	16
18	34.2	34.7	33.0	31.8	29.3	27.0	-	-	-	-	-	-	18
20	27.3	28.8	29.5	27.7	25.6	24.1	22.6	-	-	-	-	-	20
24	19.6	21.0	21.6	21.5	21.1	19.9	19.2	17.6	-	-	-	-	24
28	-	16.1	16.5	17.0	17.1	16.8	15.9	15.1	14.3	-	-	-	28
32	-	12.7	13.6	13.8	13.8	13.7	13.4	12.8	11.9	11.1	-	-	32
36	-	10.4	11.3	11.5	11.5	11.5	11.3	10.8	10.2	10.0	9.1	-	36
40	-	-	9.3	9.5	9.5	9.5	9.3	9.0	8.6	8.4	7.7	6.4	40
48	-	-	6.3	6.9	6.9	6.9	6.7	6.4	6.2	6.1	5.2	4.1	48
56	-	-	-	5.2	5.2	5.0	5.0	4.6	4.4	4.2	3.5	2.4	56
64	-	-	-	-	4.0	3.9	3.7	3.5	3.2	2.9	2.2	-	64
72	-	-	-	-	3.1	2.9	2.9	2.4	2.2	2.0	-	-	72
80	-	-	-	-	-	2.3	2.1	-	-	-	-	-	80
1)	13.4	8.4	5.7	4.0	2.9	1.8	-	-	-	-	-	-	1)

 2,400 lb		 22.6 ft x 14.8 ft				360°				ASME B30.5			
 33.8ft	 45.3ft	 56.8ft	 68.2ft	 79.7ft	 91.2ft	 102.7ft	 114.2ft	 125.7ft	 137.1ft	 148.6ft	 164.0ft		
ft	1,000 lb											ft	
10	52.9	52.9	52.8	52.2	-	-	-	-	-	-	-	10	
12	52.6	51.2	48.7	43.4	-	-	-	-	-	-	-	12	
14	47.2	43.6	39.7	37.0	34.0	-	-	-	-	-	-	14	
16	36.7	36.0	33.8	31.7	28.9	26.9	-	-	-	-	-	16	
18	29.5	30.0	29.8	27.5	25.3	24.3	-	-	-	-	-	18	
20	23.4	25.2	25.4	23.8	23.0	21.5	20.4	-	-	-	-	20	
24	16.6	18.2	18.7	19.0	18.6	17.8	16.8	15.6	-	-	-	24	
28	-	13.8	14.6	14.9	15.0	14.6	13.8	12.8	11.9	-	-	28	
32	-	10.8	11.6	11.8	11.8	11.8	11.5	10.7	10.0	9.6	-	32	
36	-	8.9	9.5	9.7	9.7	9.7	9.5	9.1	8.4	8.2	7.1	36	
40	-	-	7.8	7.9	8.0	7.9	7.8	7.5	7.1	6.7	5.8	40	
48	-	-	5.1	5.8	5.8	5.6	5.5	5.2	4.9	4.4	3.6	48	
56	-	-	-	4.2	4.2	4.1	3.9	3.7	3.3	2.8	2.2	56	
64	-	-	-	-	3.1	3.0	2.9	2.6	2.0	1.8	-	64	
72	-	-	-	-	2.2	2.2	2.0	1.6	-	-	-	72	
1)	11.2	6.8	4.6	3.1	2.0	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

 13,200 lb		 22.6 ft x 9.8 ft		360°		ASME B30.5							
 	33.8 ft	45.3 ft	56.8 ft	68.2 ft	79.7 ft	91.2 ft	102.7 ft	114.2 ft	125.7 ft	137.1 ft	148.6 ft	164.0 ft	
ft	1,000 lb												ft
10	52.4	52.1	47.1	42.5	-	-	-	-	-	-	-	-	10
12	45.7	42.3	38.8	36.6	31.3	-	-	-	-	-	-	-	12
14	36.6	35.2	33.8	31.2	29.2	-	-	-	-	-	-	-	14
16	28.9	30.0	28.9	27.0	25.7	24.0	-	-	-	-	-	-	16
18	24.0	25.7	25.2	24.1	23.1	21.7	-	-	-	-	-	-	18
20	19.8	21.4	21.8	21.7	20.4	19.5	18.5	-	-	-	-	-	20
24	14.7	15.9	16.8	17.0	16.9	16.0	15.2	14.1	-	-	-	-	24
28	-	12.4	13.3	13.5	13.5	13.2	12.7	11.8	11.0	-	-	-	28
32	-	9.9	10.6	10.8	11.0	10.8	10.6	9.9	9.1	8.9	-	-	32
36	-	8.2	8.9	9.1	9.1	9.1	8.9	8.4	8.0	7.5	6.6	-	36
40	-	-	7.3	7.5	7.5	7.5	7.3	7.1	6.7	6.4	5.6	4.3	40
48	-	-	4.9	5.5	5.5	5.3	5.3	5.1	4.7	4.2	3.6	2.4	48
56	-	-	-	3.9	4.2	3.9	3.9	3.5	3.3	2.8	2.2	-	56
64	-	-	-	-	3.1	2.9	2.9	2.5	2.0	1.8	-	-	64
72	-	-	-	-	2.2	2.2	2.0	1.6	-	-	-	-	72
1)	10.4	6.4	4.4	3.1	2.0	-	-	-	-	-	-	-	1)

 9,000 lb		 22.6 ft x 9.8 ft					360°					ASME B30.5		
 	33.8 ft	45.3 ft	56.8 ft	68.2 ft	79.7 ft	91.2 ft	102.7 ft	114.2 ft	125.7 ft	137.1 ft	148.6 ft	164.0 ft		
ft	1,000 lb												ft	
10	50.5	46.0	41.5	38.7	-	-	-	-	-	-	-	-	10	
12	39.9	37.2	35.2	32.1	29.7	-	-	-	-	-	-	-	12	
14	31.9	31.5	29.6	27.8	26.1	-	-	-	-	-	-	-	14	
16	25.2	26.5	25.3	24.2	23.0	21.5	-	-	-	-	-	-	16	
18	20.8	22.4	22.0	21.6	20.6	19.1	-	-	-	-	-	-	18	
20	17.0	18.6	19.4	18.8	18.2	16.9	16.1	-	-	-	-	-	20	
24	12.5	13.8	14.5	14.8	14.6	13.9	13.0	12.2	-	-	-	-	24	
28	-	10.6	11.4	11.6	11.6	11.4	10.7	10.0	9.2	-	-	-	28	
32	-	8.4	9.0	9.3	9.4	9.3	8.9	8.3	7.6	7.3	-	-	32	
36	-	6.9	7.5	7.7	7.8	7.7	7.5	7.1	6.4	6.0	5.1	-	36	
40	-	-	6.2	6.3	6.4	6.2	6.2	5.8	5.3	4.9	3.8	2.7	40	
48	-	-	3.9	4.4	4.6	4.4	4.4	4.0	3.3	3.0	2.2	-	48	
56	-	-	-	3.3	3.3	3.1	3.1	2.6	2.2	-	-	-	56	
64	-	-	-	-	2.3	2.2	2.0	-	-	-	-	-	64	
72	-	-	-	-	1.6	-	-	-	-	-	-	-	72	
1)	8.6	5.3	3.5	2.4	-	-	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

 6,600 lb		 22.6 ft x 9.8 ft		360°		ASME B30.5							
 	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	46.4	42.3	39.3	35.6	-	-	-	-	-	-	-	-	10
12	36.6	34.6	32.4	30.1	28.1	-	-	-	-	-	-	-	12
14	29.1	28.8	27.2	25.6	24.5	-	-	-	-	-	-	-	14
16	22.9	24.4	23.2	22.5	21.3	19.7	-	-	-	-	-	-	16
18	18.9	20.5	20.5	19.8	18.8	17.6	-	-	-	-	-	-	18
20	15.5	16.8	17.7	17.3	16.5	15.6	14.5	-	-	-	-	-	20
24	11.1	12.5	13.3	13.5	13.3	12.6	11.8	10.9	-	-	-	-	24
28	-	9.5	10.3	10.5	10.6	10.3	9.8	8.9	8.2	-	-	-	28
32	-	7.4	8.1	8.3	8.5	8.3	8.0	7.3	6.7	6.4	-	-	32
36	-	6.0	6.6	6.9	7.1	6.9	6.6	6.2	5.5	5.1	4.2	-	36
40	-	-	5.4	5.6	5.6	5.6	5.4	4.9	4.3	3.8	3.0	-	40
48	-	-	3.3	3.9	4.0	3.9	3.8	3.2	2.7	2.2	-	-	48
56	-	-	-	2.6	2.8	2.6	2.6	2.0	-	-	-	-	56
64	-	-	-	-	1.9	-	-	-	-	-	-	-	64
1)	7.5	4.6	3.1	1.8	-	-	-	-	-	-	-	-	1)

 2,400 lb		 22.6 ft x 9.8 ft		360°		ASME B30.5							
 	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	39.4	36.9	33.7	30.9	-	-	-	-	-	-	-	-	10
12	30.9	29.6	27.6	26.2	23.9	-	-	-	-	-	-	-	12
14	24.4	24.5	23.6	22.1	20.8	-	-	-	-	-	-	-	14
16	19.2	20.5	20.1	19.1	18.0	16.6	-	-	-	-	-	-	16
18	15.7	17.3	17.5	16.7	15.8	14.7	-	-	-	-	-	-	18
20	12.7	14.2	15.1	14.5	13.9	13.0	12.1	-	-	-	-	-	20
24	9.0	10.3	11.1	11.4	11.1	10.2	9.7	8.8	-	-	-	-	24
28	-	7.7	8.5	8.8	8.8	8.3	7.9	7.0	6.5	-	-	-	28
32	-	5.8	6.7	6.8	6.9	6.7	6.4	5.7	5.1	4.5	-	-	32
36	-	4.7	5.3	5.5	5.8	5.5	5.3	4.7	4.0	3.3	2.4	-	36
40	-	-	4.3	4.5	4.5	4.3	4.3	3.6	2.7	2.3	-	-	40
48	-	-	2.4	2.9	3.0	2.8	2.6	1.9	-	-	-	-	48
1)	5.7	3.5	2.2	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

Notes to Lifting Capacity

Ratings are in compliance with ASME B30.5.

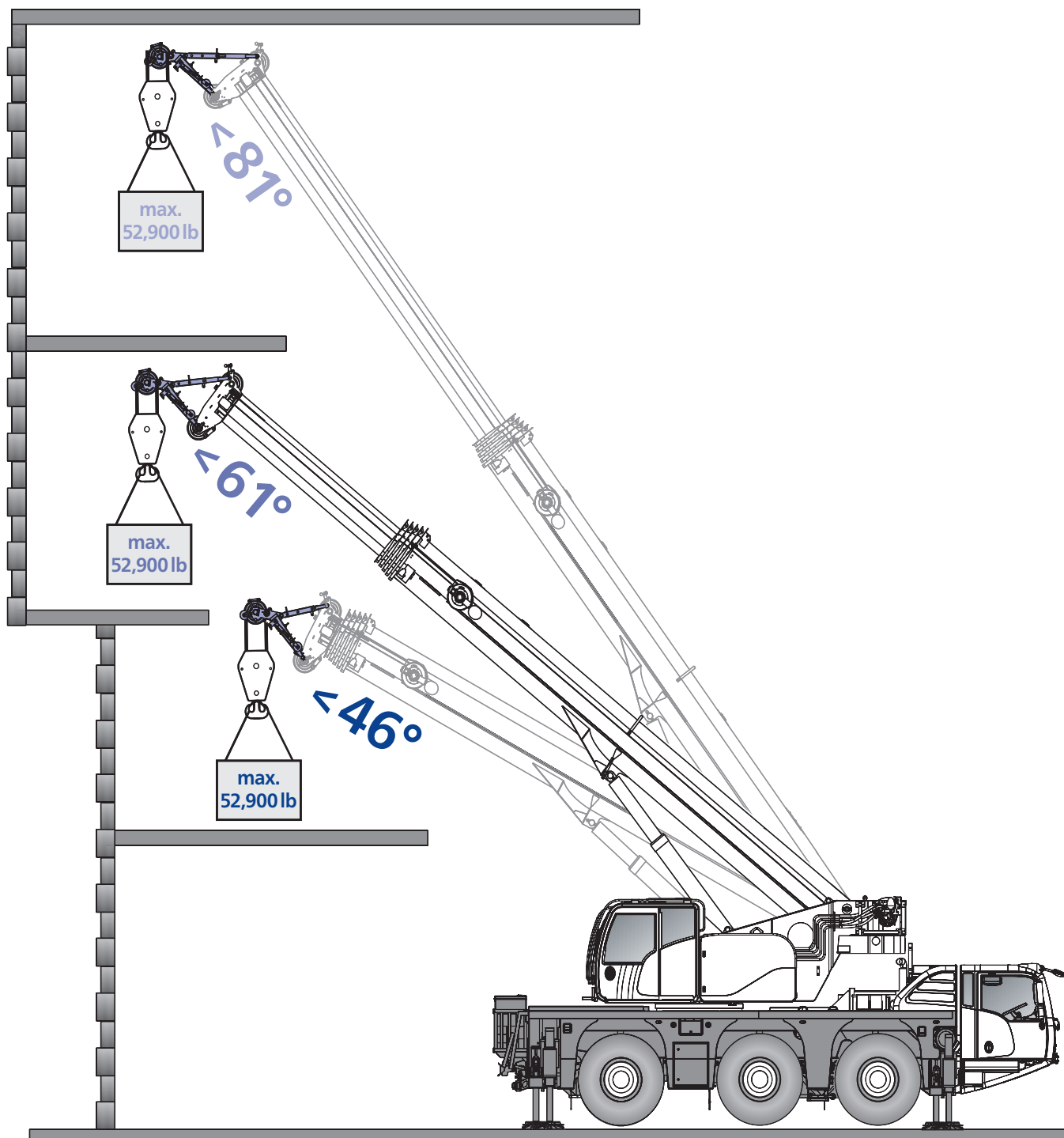
Lifting capacities do not exceed 85 % of tipping load.

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.

Runner



Basic machine

Equipment carrier

Engine 260-5	Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 ¹ /min (348 HP), torque 1450 Nm / 1200-1600 ¹ /min; The engine complies with EU Stage V / Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	103 gallons Diesel (no RME / biodiesel); 11 gallons Ad-Blue tank.
Transmission G230-12	Mercedes-Benz G230-12; Automated gearbox; 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
Axles 6 x 4 x 6	6 x 4 x 6; 3 axles, axles 1 and 3 driven and equipped with selectable transverse lock; All axles steered.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
Steering	Dual circuit hydro servocom steering with emergency steering pump; Active rear axle steering.
Brakes	Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disc brakes; additional, double-speed decompression brake; Spring-loaded 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 2550	Type 8.4 ft; Adjustable driver seat; Armrests and pneumatic suspension; Co-driver's seat; Steering wheel height and tilt adjustable; Power windows; Tinted glass; Power mirrors with heater; Radio; Seat heating.
Heating engine-dependent	Engine-dependent warm water heating with 12 kW heating power.
Aircondition	Aircondition for carrier cab with 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; 3 outrigger bases: 9.8 ft, 14.8 ft and 21.3 ft.
Outrigger pads 020	4 round outrigger pads A = 0.66 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 immobiliser system	Prevents uncontrolled carrier mobilisation; Incl. 5 ignition keys.
Pneumatic tire filling plug	Pneumatic tire filling plug for self-filling of the wheels.
Contour safety marking	Continuous reflective strips on the sides of the chassis and on the rear.

Equipment superstructure

Telescopic boom HA50	33.8 ft - 164.0 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 3 sheaves integrated in boom head for max. capacity of 78,500 lb.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	Single 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 13,200 lb	13,200 lb; 3 pieces; Automatic rigging system; Fully roadable in 26,500 lb axle load limit.
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 260-3; ECE R96	Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 1/min (348 HP), torque 1400 Nm / 1200-1600 1/min; The engine complies with ECE R96 (equivalent to former regulation EU Stage III A / Tier 3); Exhaust system complete stainless steel incl. spark arrester.
Axles 6 x 6 x 6	6 x 6 x 6; All 3 axles steered, axles 1 and 3 permanently driven, axle 2 shiftable, all axles equipped with selectable transverse lock.
Wear-free auxiliary brake	Wear-free auxiliary eddy-current brake at 3rd axle.
Tires	6 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).

Superstructure

2. hoist (H2)	2. hoist; Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring.
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.
Moving out of crane cab	Control of carrier out of crane cab, enables machine moving when rigged, possible even under load.
IC-1 Plus incl. Flex Base	Smart crane control system for main boom and runner configuration enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Flexible and independent outrigger positioning possible. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation.
IC-1 Remote	IC-1 Remote, Demag telematic system.

Extensions

MS (runner)	3.3 ft; Variable assembly jib with manual offset; 2-sheaves, for max. 52,900 lb lifting capacity.
Boom head traverse 55,100 lb	For runner to increase lifting height; Incl. shackle.

Hook Blocks

VarioHook 50-3B-18-D	50-3B-18-D (662 -1,320 lb); Hook block with adjustable ballast and ramshorn hook, variable usage as 1- and 3-sheave hook block; white with red signal stripes.
VarioHook 50-3B-18-E	50-3B-18-E (662 -1,320 lb); Hook block with adjustable ballast and single hook, variable usage as 1- and 3-sheave hook block; white with red signal stripes.
Hook block 20-1-18-E	20-1-18-E (662 lb); Hook block with single hook; white with red signal stripes.
Hook 8-0V-18-E	8-0V-18-E (375 lb); red.

Further additional equipment on request!

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

March 2021. 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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