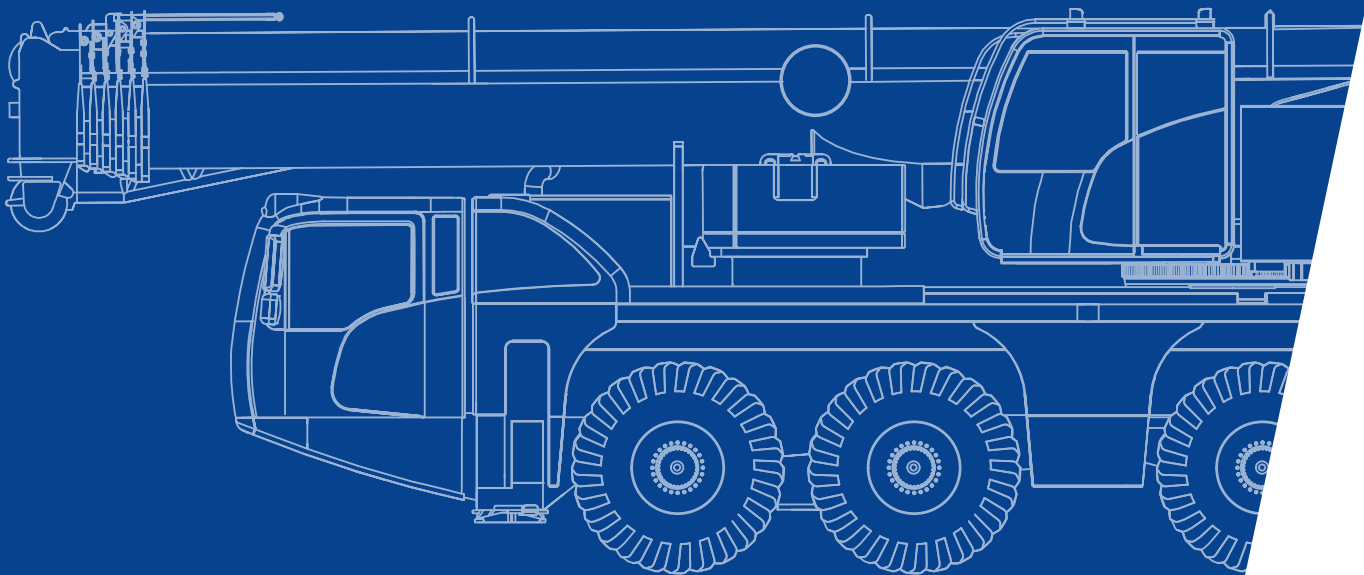
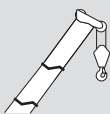
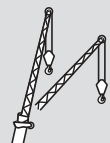
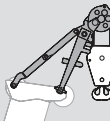


AC 80-4

PRELIMINARY



All Terrain Crane
88 USt Capacity class

	Page:
Dimensions	4
Counterweight	5
Specifications.....	6
Equipment.....	7
 HA Main boom	8
 HAV Folding swing-away jib	16
 MS Runner	24
Technical description.....	34



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



Working speeds



Boom telescoping



Boom elevation



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

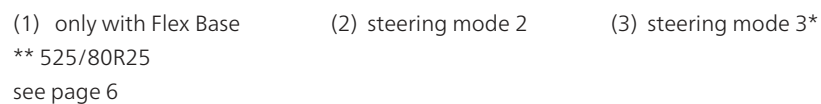
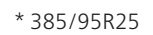


Length of stroke (support cylinders)



Payload incl. rear storage box

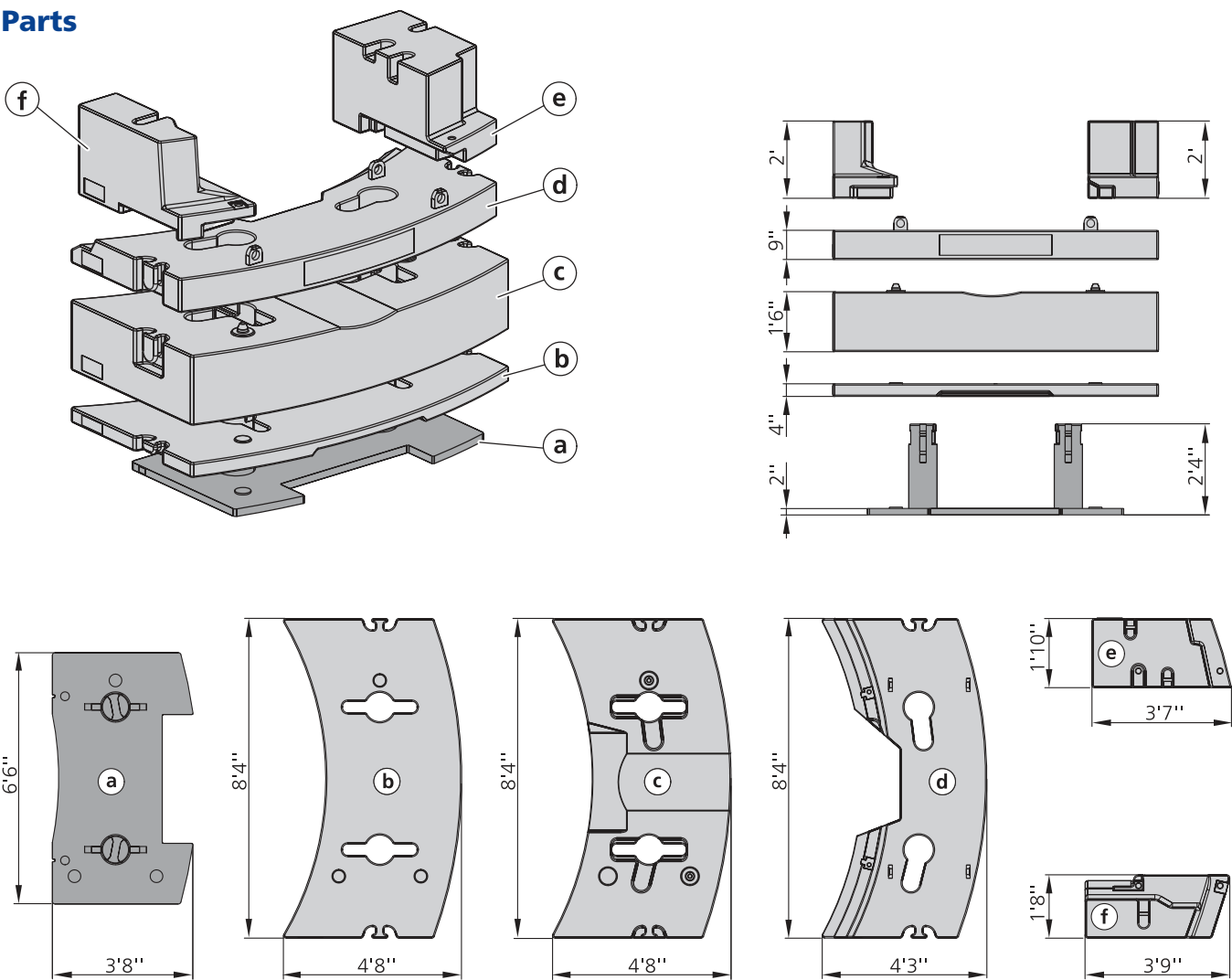
AC 80-4



Counterweight

AC 80-4

Parts



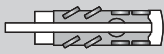
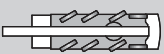
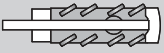
Configurations

	Ⓐ 2,400 lb	Ⓑ 4,000 lb	Ⓒ 18,500 lb	Ⓓ 6,800 lb	Ⓔ 4,400 lb	Ⓕ 2,900 lb
7,300 lb					X	X
9,700 lb	X				X	X
13,700 lb	X	X			X	X
14,100 lb				X	X	X
16,500 lb	X			X	X	X
17,600 lb	X	X		X	X	
20,500 lb	X	X		X	X	X
32,200 lb	X	X	X		X	X
39,000 lb	X	X	X	X	X	X

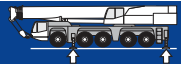
Specifications

AC 80-4

											
	Total		TELMA								
<20,000 lb	on request!										X
<22,050 lb	<88,200 lb	8 x 6 x 8	X	385/95R25	196.9 ft	8-0-18	7,300 lb	–	–	880 lb	–
<26,500 lb	<106,000 lb	8 x 6 x 8	X	445/95R25	196.9 ft	50-3-18	20,500 lb	21.3 ft	–	1,320 lb	–
<26,500 lb	<106,000 lb	8 x 6 x 8	X	445/95R25	196.9 ft	50-3-18	17,600 lb	21.3 ft	X	1,320 lb	–
<36,400 lb	<128,000 lb	8 x 6 x 8	X	445/95R25	196.9 ft	50-3-18	39,000 lb	21.3 ft	X	1,320 lb	–

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

*must be activated

			
	86,000 lb	110,250 lb	52.8 mph ¹⁾
	28.7"	31.5"	

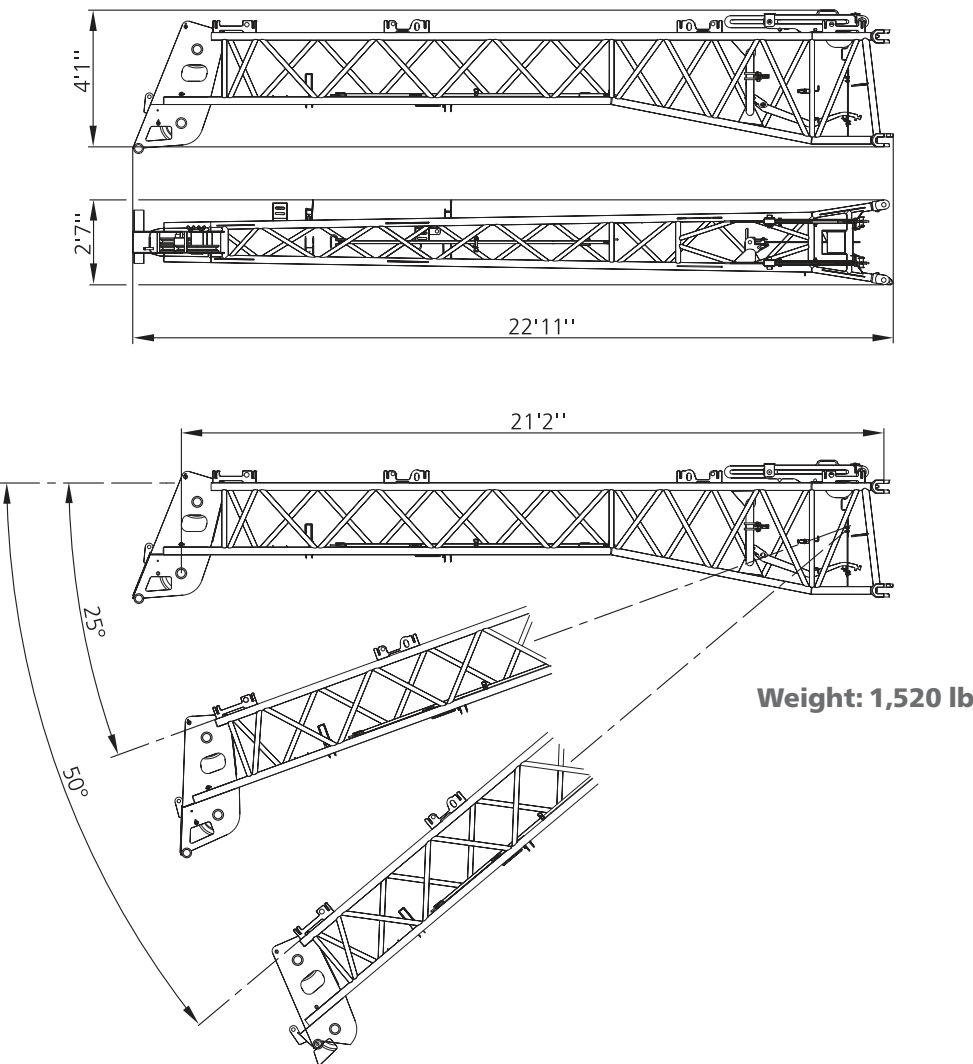
¹⁾ Depending on tire type, size and country specific legislation

			
	385 / 95 R 25 14.00 R 25	445 / 95 R 25 16.00 R 25	525 / 80 R 25 20.50 R 25
	46 %	42 %	42 %
	> 70 %	> 60 %	> 60 %

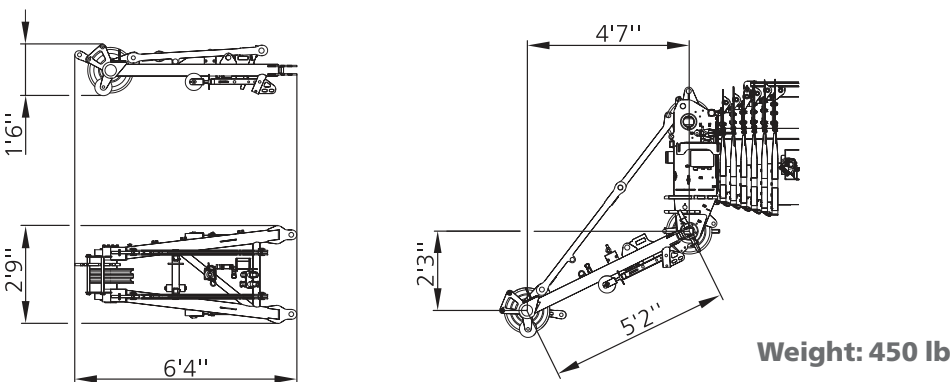
				
				
	393.7 ft/min	15,040 lbf	0.72"	787 ft
	393.7 ft/min	15,040 lbf	0.72"	787 ft
	1,6 min ⁻¹			
	approx. 510 s (35.8-196.9 ft)			
	approx. 45 s (-3°-82°)			

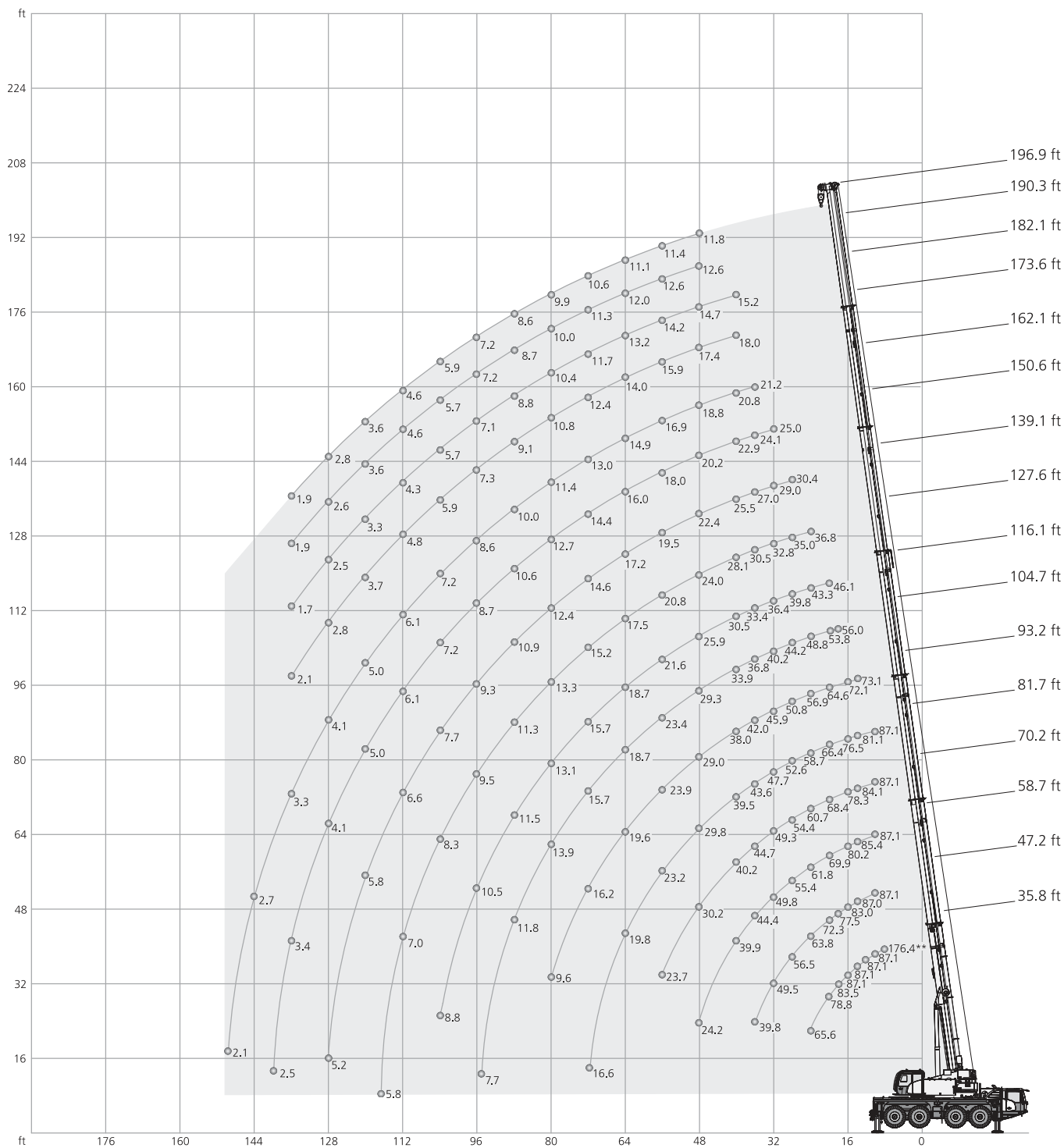
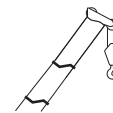
					
1	14,500	8-0-18	3	375 lb	3.3 ft
2	29,000	20-1-18	3	662 lb	5.9 ft
3	43,600	20-1-18	3	662 lb	5.9 ft
4	58,400	50-3-18	3	1,320 lb	5.9 ft
5	72,600	50-3-18	3	1,320 lb	5.9 ft
6	87,100	50-3-18	3	1,320 lb	5.9 ft

HAV – 21.3 ft



MS





** Capacity class

 39,000 lb			 26.5 ft x 21.3 ft										360°			ASME B30.5						
		(ft)																				
ft		35.8*	35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
8		176.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
10		87.1	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		87.1	87.1	87.1	87.1	87.1	86.0	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		87.1	87.1	87.0	85.4	84.1	81.1	73.1	-	-	-	-	-	-	-	-	-	-	-	14		
16		87.1	85.1	83.0	80.2	78.3	76.5	72.1	-	-	-	-	-	-	-	-	-	-	-	16		
18		83.5	79.5	77.5	74.9	73.3	71.3	68.7	56.0	-	-	-	-	-	-	-	-	-	-	18		
20		78.8	73.4	72.3	69.9	68.4	66.4	64.6	53.8	46.1	-	-	-	-	-	-	-	-	-	20		
24		65.6	61.1	63.8	61.8	60.7	58.7	56.9	48.8	43.3	36.8	-	-	-	-	-	-	-	-	24		
28		-	-	56.5	55.4	54.4	52.6	50.8	44.2	39.8	35.0	30.4	-	-	-	-	-	-	-	28		
32		-	-	49.5	49.8	49.3	47.7	45.9	40.2	36.4	32.8	29.0	25.0	-	-	-	-	-	-	32		
36		-	-	39.8	44.4	44.7	43.6	42.0	36.8	33.4	30.5	27.0	24.1	21.2	-	-	-	-	-	36		
40		-	-	-	39.9	40.2	39.5	38.0	33.9	30.5	28.1	25.5	22.9	20.8	18.0	15.2	-	-	-	40		
48		-	-	-	24.2	30.2	29.8	29.0	29.3	25.9	24.0	22.4	20.2	18.8	17.4	14.7	12.9	11.8	-	48		
56		-	-	-	-	23.7	23.2	23.9	23.4	21.6	20.8	19.5	18.0	16.9	15.9	14.2	12.6	11.4	-	56		
64		-	-	-	-	-	19.8	19.6	18.7	18.7	17.5	17.2	16.0	14.9	14.0	13.2	12.0	11.1	-	64		
72		-	-	-	-	-	16.6	16.2	15.7	15.7	15.2	14.6	14.4	13.0	12.4	11.7	11.3	10.6	-	72		
80		-	-	-	-	-	-	9.6	13.9	13.1	13.3	12.4	12.7	11.4	10.8	10.4	10.0	9.9	-	80		
88		-	-	-	-	-	-	-	11.8	11.5	11.3	10.9	10.6	10.0	9.1	8.8	8.7	8.6	-	88		
96		-	-	-	-	-	-	-	7.7	10.1	9.5	9.3	8.7	8.6	7.3	7.1	7.2	7.2	-	96		
104		-	-	-	-	-	-	-	6.5	8.8	8.3	7.7	7.2	7.2	5.9	5.7	5.7	5.9	-	104		
112		-	-	-	-	-	-	-	-	-	7.0	6.6	6.1	6.1	4.8	4.3	4.6	4.6	-	112		
120		-	-	-	-	-	-	-	-	-	5.8	5.8	5.0	5.0	3.7	3.3	3.6	3.6	-	120		
128		-	-	-	-	-	-	-	-	-	-	5.2	4.1	4.1	2.8	2.5	2.6	2.8	-	128		
136		-	-	-	-	-	-	-	-	-	-	-	3.4	3.3	2.1	1.7	1.9	1.9	-	136		
144		-	-	-	-	-	-	-	-	-	-	-	2.5	2.7	-	-	-	-	-	144		
152		-	-	-	-	-	-	-	-	-	-	-	-	2.1	-	-	-	-	-	152		
1)	32.0	32.0	23.6	18.5	15.0	12.1	9.9	8.2	6.4	5.1	4.2	2.4	1.5	-	-	-	-	-	1)			

1) Capacities with horizontal boom

* over rear

** Capacity class

 20,500 lb				 26.5 ft x 21.3 ft								360°				ASME B30.5			
		(ft)																	
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft	
		1,000 lb																	
10		87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	-	-	-	-	-	10	
12		87.1	87.1	87.1	87.1	86.0	-	-	-	-	-	-	-	-	-	-	-	12	
14		87.1	87.0	85.4	84.1	81.1	73.1	-	-	-	-	-	-	-	-	-	-	14	
16		85.1	83.0	80.2	78.3	76.5	72.1	-	-	-	-	-	-	-	-	-	-	16	
18		79.5	77.5	74.9	73.3	71.3	68.7	56.0	-	-	-	-	-	-	-	-	-	18	
20		73.4	72.3	69.9	68.4	66.4	64.6	53.8	46.1	-	-	-	-	-	-	-	-	20	
24		61.1	63.2	61.8	60.7	58.7	56.7	48.8	43.3	36.8	-	-	-	-	-	-	-	24	
28		-	51.9	52.4	52.8	51.2	48.3	44.0	39.8	35.0	30.4	-	-	-	-	-	-	28	
32		-	41.5	42.8	43.0	42.4	40.3	39.2	35.9	32.8	29.0	25.0	-	-	-	-	-	32	
36		-	28.6	35.4	35.6	35.2	33.9	34.3	31.2	29.6	27.0	24.1	21.2	-	-	-	-	36	
40		-	-	29.1	29.3	29.2	30.0	29.1	27.6	26.6	25.4	22.7	20.7	18.0	15.2	-	-	40	
48		-	-	17.2	22.3	22.6	22.3	21.6	21.9	21.2	20.1	19.8	18.2	16.9	14.7	12.9	11.8	48	
56		-	-	-	17.6	17.5	17.5	17.5	17.2	16.9	16.8	16.0	14.8	13.7	13.0	12.1	11.4	56	
64		-	-	-	-	14.1	14.3	14.1	13.9	13.7	13.2	12.6	12.3	10.5	9.9	9.6	9.6	64	
72		-	-	-	-	11.7	11.5	11.5	11.3	10.9	11.1	10.0	9.5	8.0	7.3	7.1	7.1	72	
80		-	-	-	-	-	4.6	9.6	9.2	8.8	9.0	7.9	7.7	6.1	5.5	5.3	5.5	80	
88		-	-	-	-	-	-	7.9	7.5	7.2	7.3	6.2	6.2	4.6	4.2	4.0	4.0	88	
96		-	-	-	-	-	-	6.8	6.1	5.7	5.9	4.8	4.8	3.4	3.0	2.8	2.8	96	
104		-	-	-	-	-	-	5.6	5.0	4.7	4.8	3.7	3.7	2.3	1.9	1.9	1.9	104	
112		-	-	-	-	-	-	-	-	3.7	3.9	2.6	2.6	-	-	-	-	112	
120		-	-	-	-	-	-	-	-	2.9	3.1	-	-	-	-	-	-	120	
128		-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	-	128	
1)		32.0	23.6	18.5	14.8	11.5	8.6	6.6	4.6	3.1	2.2	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

 14,100 lb		 26.5 ft x 21.3 ft										360°					ASME B30.5	
 35.8 47.2 58.7 70.2 81.7 93.2 104.7 116.1 127.6 139.1 150.6 162.1 173.6 182.1 190.3 196.9 		(ft)																
ft		1,000 lb															ft	
10	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	-	-	-	-	-	10	
12	87.1	87.1	87.1	87.1	86.0	-	-	-	-	-	-	-	-	-	-	-	12	
14	87.1	87.0	85.4	84.1	81.1	73.1	-	-	-	-	-	-	-	-	-	-	14	
16	85.1	83.0	80.2	78.3	76.5	72.1	-	-	-	-	-	-	-	-	-	-	16	
18	79.5	77.5	74.9	73.3	71.3	68.7	56.0	-	-	-	-	-	-	-	-	-	18	
20	73.3	72.2	69.9	68.4	66.3	64.3	53.8	46.1	-	-	-	-	-	-	-	-	20	
24	58.8	60.9	60.0	59.3	56.7	52.6	48.0	43.3	36.8	-	-	-	-	-	-	-	24	
28	-	46.2	48.1	47.9	45.6	42.5	41.2	38.0	35.0	30.4	-	-	-	-	-	-	28	
32	-	36.4	37.7	38.0	37.1	36.8	35.0	32.4	30.8	28.4	25.0	-	-	-	-	-	32	
36	-	24.3	31.1	31.3	30.8	31.7	30.0	28.4	26.9	25.6	23.2	20.6	-	-	-	-	36	
40	-	-	25.4	25.9	26.7	26.3	25.4	25.5	24.7	22.8	22.1	19.4	17.8	15.2	-	-	40	
48	-	-	17.2	19.8	19.6	19.9	19.8	19.6	19.1	18.3	17.4	16.0	14.7	13.9	12.5	11.8	48	
56	-	-	-	15.1	15.5	15.5	15.5	15.1	14.9	14.3	13.5	12.8	11.0	10.4	10.0	10.0	56	
64	-	-	-	-	12.3	12.3	12.3	11.8	11.6	11.8	10.5	9.8	8.2	7.5	7.3	7.3	64	
72	-	-	-	-	10.2	9.8	10.0	9.3	9.1	9.3	8.0	7.5	6.0	5.3	5.1	5.1	72	
80	-	-	-	-	-	3.1	8.1	7.5	7.2	7.3	6.1	5.9	4.4	3.8	3.5	3.5	80	
88	-	-	-	-	-	-	6.6	5.9	5.7	5.8	4.6	4.5	2.9	2.5	2.3	2.3	88	
96	-	-	-	-	-	-	5.4	4.7	4.5	4.5	3.4	3.4	1.9	-	-	-	96	
104	-	-	-	-	-	-	4.5	3.8	3.4	3.6	2.3	2.3	-	-	-	-	104	
112	-	-	-	-	-	-	-	-	2.6	2.6	-	-	-	-	-	-	112	
120	-	-	-	-	-	-	-	-	-	2.0	-	-	-	-	-	-	120	
1)	32.0	23.6	17.6	12.8	9.7	7.1	5.3	3.5	2.0	-	-	-	-	-	-	-	1)	

 7,300 lb		 26.5 ft x 21.3 ft										360°					ASME B30.5	
 35.8 47.2 58.7 70.2 81.7 93.2 104.7 116.1 127.6 139.1 150.6 162.1 173.6 182.1 190.3 196.9 		(ft)																
ft		1,000 lb															ft	
10	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	-	-	-	-	-	10	
12	87.1	87.1	87.1	87.1	86.0	-	-	-	-	-	-	-	-	-	-	-	12	
14	87.1	87.0	85.4	84.1	81.1	73.1	-	-	-	-	-	-	-	-	-	-	14	
16	85.1	83.0	80.2	78.3	76.5	72.1	-	-	-	-	-	-	-	-	-	-	16	
18	78.7	77.5	74.9	73.3	70.1	65.8	56.0	-	-	-	-	-	-	-	-	-	18	
20	70.8	71.5	69.2	67.7	63.4	58.2	53.3	45.9	-	-	-	-	-	-	-	-	20	
24	50.1	53.4	54.6	52.2	49.0	45.3	43.6	40.1	36.0	-	-	-	-	-	-	-	24	
28	-	39.9	41.4	41.1	39.2	38.6	36.0	33.8	31.7	29.1	-	-	-	-	-	-	28	
32	-	30.9	32.1	32.3	33.0	32.1	30.1	29.3	28.0	25.8	23.9	-	-	-	-	-	32	
36	-	19.5	26.2	27.0	27.7	26.9	26.1	25.1	24.4	23.0	21.6	18.6	-	-	-	-	36	
40	-	-	22.0	22.6	22.6	23.1	22.8	22.2	21.4	19.9	18.8	17.1	15.7	14.9	-	-	40	
48	-	-	16.3	16.5	17.0	16.9	16.9	16.6	16.1	15.8	14.0	13.4	11.4	10.7	10.5	10.3	48	
56	-	-	-	12.6	13.1	12.9	12.9	12.5	12.3	12.3	10.6	9.9	8.2	7.4	7.1	7.0	56	
64	-	-	-	-	10.4	10.0	10.2	9.6	9.4	9.4	7.8	7.3	5.6	4.9	4.6	4.6	64	
72	-	-	-	-	8.2	7.8	8.0	7.3	7.1	7.3	5.8	5.3	3.8	3.1	2.9	2.9	72	
80	-	-	-	-	-	-	6.4	5.7	5.3	5.5	4.4	3.8	-	-	-	-	80	
88	-	-	-	-	-	-	5.1	4.4	4.0	4.3	2.9	2.7	-	-	-	-	88	
96	-	-	-	-	-	-	4.0	3.3	3.0	3.2	2.0	-	-	-	-	-	96	
104	-	-	-	-	-	-	3.0	2.5	2.1	2.3	-	-	-	-	-	-	104	
1)	32.0	21.4	14.6	10.4	7.7	5.3	3.7	2.2	-	-	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

 39,000 lb				 26.5 ft x 14.7 ft								360°				ASME B30.5					
		(ft)																			
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
		1,000 lb																			
10		87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		87.1	87.1	87.1	87.1	86.0	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		85.7	86.4	85.4	84.1	80.7	73.1	-	-	-	-	-	-	-	-	-	-	-	14		
16		79.3	80.6	80.2	78.3	74.0	68.1	-	-	-	-	-	-	-	-	-	-	-	16		
18		69.6	71.4	71.7	70.2	65.6	60.8	54.5	-	-	-	-	-	-	-	-	-	-	18		
20		59.7	62.1	64.0	61.5	57.7	53.8	50.4	45.8	-	-	-	-	-	-	-	-	-	20		
24		43.6	46.3	47.4	47.7	46.5	44.0	42.9	39.2	36.0	-	-	-	-	-	-	-	-	24		
28		-	36.0	37.1	37.2	36.9	37.7	36.1	33.8	32.0	29.3	-	-	-	-	-	-	-	28		
32		-	29.0	30.0	30.5	31.0	30.8	30.0	30.0	28.8	26.8	23.9	-	-	-	-	-	-	32		
36		-	20.6	25.4	26.3	26.3	26.0	25.9	25.7	25.3	23.9	22.4	19.9	-	-	-	-	-	36		
40		-	-	21.8	22.2	22.2	22.5	22.2	22.2	22.0	21.6	20.6	18.8	17.8	15.1	-	-	-	40		
48		-	-	16.7	16.8	17.3	17.2	17.3	16.8	16.6	16.2	15.9	15.6	13.9	13.5	12.5	11.8	-	48		
56		-	-	-	13.3	13.6	13.5	13.6	13.3	13.0	13.1	12.4	12.4	11.1	10.5	10.4	10.4	-	56		
64		-	-	-	-	11.2	10.9	11.0	10.6	10.4	10.6	9.7	9.7	8.6	8.3	8.2	8.3	-	64		
72		-	-	-	-	9.3	8.9	9.1	8.6	8.4	8.6	7.8	7.8	6.9	6.4	6.2	6.2	-	72		
80		-	-	-	-	-	4.2	7.7	7.1	6.9	7.1	6.2	6.2	5.3	4.9	4.9	4.9	-	80		
88		-	-	-	-	-	-	6.5	6.0	5.8	5.8	5.1	5.1	4.0	3.6	3.6	3.6	-	88		
96		-	-	-	-	-	-	5.4	5.1	4.7	4.9	4.1	4.1	3.0	2.7	2.5	2.5	-	96		
104		-	-	-	-	-	-	4.7	4.3	4.0	4.1	3.2	3.2	2.1	1.7	1.6	1.6	-	104		
112		-	-	-	-	-	-	-	-	3.3	3.3	2.4	2.4	-	-	-	-	-	112		
120		-	-	-	-	-	-	-	-	2.5	2.7	-	-	-	-	-	-	-	120		
128		-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	-	128		
1)		32.0	21.4	15.2	11.2	8.8	6.8	5.3	4.0	2.9	2.0	-	-	-	-	-	-	-	1)		

 20,500 lb					 26.5 ft x 14.7 ft					360°					ASME B30.5						
		(ft)																			
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
		1,000 lb																			
10		87.1	87.1	87.1	87.1	86.0	-	-	-	-	-	-	-	-	-	-	-	10			
12		87.1	87.1	84.7	83.2	75.7	-	-	-	-	-	-	-	-	-	-	-	12			
14		82.0	80.1	74.5	69.6	63.8	58.3	-	-	-	-	-	-	-	-	-	-	14			
16		65.8	66.4	63.5	59.2	54.6	51.5	47.6	-	-	-	-	-	-	-	-	-	16			
18		52.9	56.1	54.9	51.7	48.0	46.4	42.7	-	-	-	-	-	-	-	-	-	18			
20		42.4	45.7	47.0	45.0	43.8	41.0	38.4	36.5	-	-	-	-	-	-	-	-	20			
24		30.5	33.2	34.4	35.6	35.1	33.4	32.2	30.8	29.1	-	-	-	-	-	-	-	24			
28		-	25.5	27.2	27.6	27.6	27.9	27.3	25.9	24.5	22.9	-	-	-	-	-	-	28			
32		-	20.3	22.0	22.3	22.7	22.6	22.6	22.1	20.9	20.0	18.2	-	-	-	-	-	32			
36		-	12.9	18.5	18.7	19.3	19.0	19.0	18.7	18.0	17.6	15.8	15.0	-	-	-	-	36			
40		-	-	15.3	15.5	16.2	16.0	16.2	15.5	15.3	15.1	13.6	13.0	11.4	10.8	-	-	40			
48		-	-	11.4	11.6	12.2	11.8	12.0	11.5	11.3	11.5	10.3	9.9	8.4	7.8	7.7	7.7	48			
56		-	-	-	8.9	9.4	9.1	9.3	8.8	8.5	8.8	7.9	7.4	6.1	5.5	5.2	5.2	56			
64		-	-	-	-	7.4	7.2	7.2	6.8	6.6	6.8	5.9	5.6	4.1	3.6	3.4	3.4	64			
72		-	-	-	-	6.0	5.5	5.8	5.3	5.1	5.3	4.4	4.0	2.7	2.0	2.0	2.0	72			
80		-	-	-	-	-	-	4.7	4.2	4.0	4.1	3.1	2.9	-	-	-	-	80			
88		-	-	-	-	-	-	3.7	3.3	3.0	3.2	2.2	-	-	-	-	-	88			
96		-	-	-	-	-	-	3.0	2.4	2.2	2.2	-	-	-	-	-	-	96			
104		-	-	-	-	-	-	2.3	1.8	-	-	-	-	-	-	-	-	104			
1)		23.8	14.6	10.1	7.3	5.5	4.0	2.9	1.5	-	-	-	-	-	-	-	-	1)			

1) Capacities with horizontal boom

 14,100 lb				 26.5 ft x 14.7 ft								360°				ASME B30.5			
		(ft)																	
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft	
		1,000 lb																	
10		87.1	87.1	86.7	86.2	81.4	-	-	-	-	-	-	-	-	-	-	-	10	
12		85.7	83.8	79.9	73.8	66.8	-	-	-	-	-	-	-	-	-	-	-	12	
14		74.7	70.4	66.5	61.2	56.0	52.2	-	-	-	-	-	-	-	-	-	-	14	
16		57.4	59.1	55.9	51.9	49.6	45.9	42.2	-	-	-	-	-	-	-	-	-	16	
18		46.0	49.1	48.2	45.3	43.8	40.7	38.1	-	-	-	-	-	-	-	-	-	18	
20		36.6	39.8	41.1	40.7	38.4	36.9	34.9	32.6	-	-	-	-	-	-	-	-	20	
24		26.1	28.9	30.5	31.2	30.9	29.8	28.4	26.7	25.3	-	-	-	-	-	-	-	24	
28		-	22.0	23.9	24.1	24.5	24.3	23.7	22.4	21.1	20.3	-	-	-	-	-	-	28	
32		-	17.3	19.1	19.3	20.0	19.6	19.6	18.9	17.8	17.3	15.5	-	-	-	-	-	32	
36		-	10.3	15.9	16.2	16.8	16.4	16.6	16.0	15.4	14.9	13.3	12.5	-	-	-	-	36	
40		-	-	13.2	13.4	14.0	13.6	13.8	13.4	13.1	12.8	11.2	10.6	9.0	8.4	-	-	40	
48		-	-	9.7	9.7	10.3	10.0	10.3	9.7	9.4	9.7	8.4	8.0	6.3	5.8	5.5	5.3	48	
56		-	-	-	7.3	7.9	7.6	7.8	7.2	7.0	7.2	6.2	5.7	4.1	3.6	3.4	3.3	56	
64		-	-	-	-	6.1	5.8	6.1	5.6	5.3	5.4	4.3	3.9	2.5	1.9	-	-	64	
72		-	-	-	-	4.9	4.4	4.7	4.2	4.0	4.0	2.9	2.5	-	-	-	-	72	
80		-	-	-	-	-	-	3.6	3.2	2.9	3.1	-	-	-	-	-	-	80	
88		-	-	-	-	-	-	2.8	2.3	1.9	2.2	-	-	-	-	-	-	88	
96		-	-	-	-	-	-	2.0	-	-	-	-	-	-	-	-	-	96	
1)		20.3	12.1	8.6	6.0	4.4	3.1	2.0	-	-	-	-	-	-	-	-	-	1)	

 7,300 lb			 26.5 ft x 14.7 ft												360°			ASME B30.5		
	(ft)																			
ft	35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
	1,000 lb																			
10	87.1	86.3	85.8	78.7	70.1	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	81.7	74.9	69.7	63.2	57.9	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	63.0	61.0	56.9	52.4	49.7	45.7	-	-	-	-	-	-	-	-	-	-	-	14		
16	48.1	50.2	47.5	45.6	42.5	40.2	35.6	-	-	-	-	-	-	-	-	-	-	16		
18	38.3	41.5	40.9	39.8	37.3	35.5	33.4	-	-	-	-	-	-	-	-	-	-	18		
20	30.3	33.6	35.5	34.6	33.2	31.2	29.5	27.6	-	-	-	-	-	-	-	-	-	20		
24	21.3	24.1	26.0	26.4	26.4	25.2	24.0	22.5	21.1	-	-	-	-	-	-	-	-	24		
28	-	18.2	19.9	20.3	21.0	20.5	19.9	18.5	17.5	16.8	-	-	-	-	-	-	-	28		
32	-	14.2	15.8	16.0	16.9	16.4	16.4	15.5	14.7	14.2	12.4	-	-	-	-	-	-	32		
36	-	7.4	13.1	13.2	13.9	13.6	13.7	13.2	12.5	12.1	10.5	9.8	-	-	-	-	-	36		
40	-	-	10.7	10.8	11.4	11.2	11.4	11.0	10.5	10.2	8.8	8.2	6.4	5.7	-	-	-	40		
48	-	-	7.6	7.8	8.4	8.0	8.2	7.8	7.5	7.6	6.1	5.5	4.0	3.3	-	-	-	48		
56	-	-	-	5.7	6.2	5.9	6.1	5.6	5.3	5.6	4.0	3.5	-	-	-	-	-	56		
64	-	-	-	-	4.7	4.5	4.7	4.0	3.8	3.9	2.5	2.0	-	-	-	-	-	64		
72	-	-	-	-	3.6	3.3	3.3	2.9	2.7	2.7	-	-	-	-	-	-	-	72		
80	-	-	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	-	80		
1)	16.1	9.7	6.6	4.6	3.3	1.8	-	-	-	-	-	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

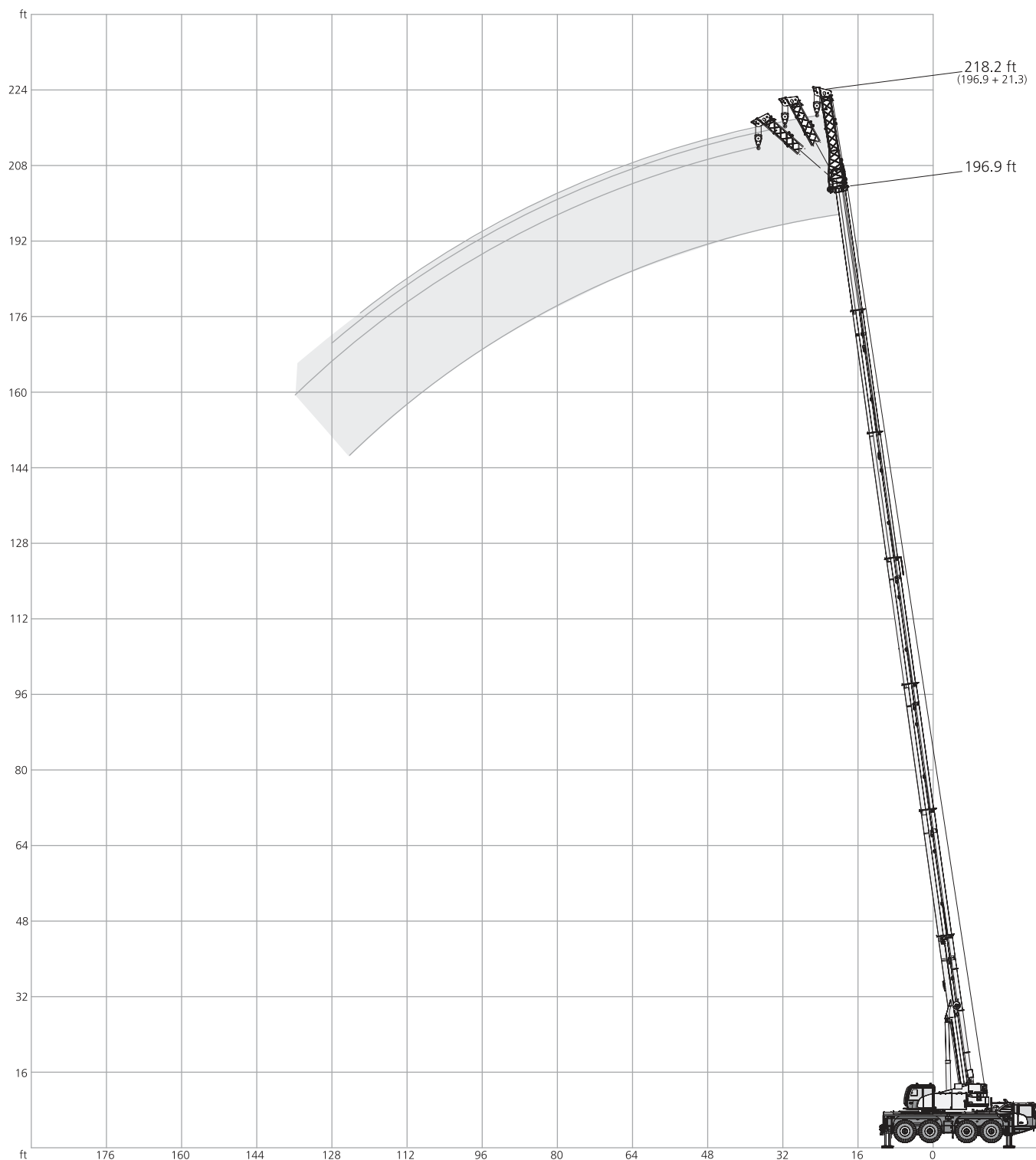
 20,500 lb		 26.5 ft x 10.4 ft										360°					ASME B30.5		
		(ft)																	
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft	
		1,000 lb																	
10		83.4	77.4	71.0	64.6	60.5	-	-	-	-	-	-	-	-	-	-	-	10	
12		65.2	62.4	58.2	54.6	50.9	-	-	-	-	-	-	-	-	-	-	-	12	
14		51.0	51.8	48.9	46.9	43.7	41.4	-	-	-	-	-	-	-	-	-	-	14	
16		39.9	42.8	42.6	40.6	38.6	36.3	32.4	-	-	-	-	-	-	-	-	-	16	
18		32.9	35.9	36.7	35.9	34.3	32.4	30.6	-	-	-	-	-	-	-	-	-	18	
20		26.9	29.8	31.7	31.6	30.4	28.9	27.4	25.6	-	-	-	-	-	-	-	-	20	
24		19.7	22.1	23.9	24.1	24.6	23.6	22.5	21.1	20.0	-	-	-	-	-	-	-	24	
28		-	17.1	18.8	19.1	19.7	19.3	18.9	17.7	16.7	16.0	-	-	-	-	-	-	28	
32		-	13.6	15.2	15.4	16.1	15.6	15.7	15.0	14.2	13.7	11.9	-	-	-	-	-	32	
36		-	7.4	12.7	12.8	13.5	13.2	13.4	12.7	12.2	11.7	10.2	9.5	-	-	-	-	36	
40		-	-	10.5	10.6	11.2	11.0	11.2	10.6	10.3	9.9	8.6	8.2	6.6	6.0	-	-	40	
48		-	-	7.6	7.8	8.3	8.0	8.3	7.8	7.5	7.5	6.1	5.8	4.3	3.6	-	-	48	
56		-	-	-	5.7	6.2	6.0	6.2	5.7	5.5	5.7	4.4	3.7	2.4	-	-	-	56	
64		-	-	-	-	4.7	4.5	4.7	4.2	4.0	4.1	2.8	2.3	-	-	-	-	64	
72		-	-	-	-	3.8	3.3	3.6	3.1	2.9	2.9	1.6	-	-	-	-	-	72	
80		-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	-	80	
1)		15.4	9.5	6.6	4.6	3.3	2.0	-	-	-	-	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

 14,100 lb				 26.5 ft x 10.4 ft								360°				ASME B30.5					
		(ft)																			
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
		1,000 lb																			
10		71.9	67.4	61.9	57.6	52.7	-	-	-	-	-	-	-	-	-	-	-	10			
12		56.0	54.2	51.1	48.0	44.9	-	-	-	-	-	-	-	-	-	-	-	12			
14		43.5	44.7	43.1	40.7	38.5	35.9	-	-	-	-	-	-	-	-	-	-	14			
16		33.9	36.8	36.9	35.0	33.4	31.5	27.7	-	-	-	-	-	-	-	-	-	16			
18		27.8	30.8	31.9	30.8	29.6	28.0	26.4	-	-	-	-	-	-	-	-	-	18			
20		22.6	25.4	27.4	27.0	26.3	24.8	23.5	21.9	-	-	-	-	-	-	-	-	20			
24		16.2	18.6	20.5	20.7	21.0	20.2	19.2	17.9	16.8	-	-	-	-	-	-	-	24			
28		-	14.2	16.0	16.2	16.9	16.4	15.9	14.9	13.9	13.3	-	-	-	-	-	-	28			
32		-	11.1	12.7	12.9	13.6	13.3	13.3	12.4	11.7	11.2	9.6	-	-	-	-	-	32			
36		-	5.2	10.5	10.7	11.4	11.1	11.1	10.5	10.0	9.5	8.1	7.5	-	-	-	-	36			
40		-	-	8.6	8.8	9.5	9.0	9.3	8.8	8.4	8.0	6.6	6.2	-	-	-	-	40			
48		-	-	6.1	6.3	6.8	6.5	6.7	6.3	5.9	5.7	4.4	3.9	-	-	-	-	48			
56		-	-	-	4.5	5.0	4.7	4.9	4.5	4.1	3.9	2.6	2.1	-	-	-	-	56			
64		-	-	-	-	3.7	3.4	3.6	3.1	2.7	2.6	-	-	-	-	-	-	64			
72		-	-	-	-	2.7	2.2	2.4	2.0	1.6	1.6	-	-	-	-	-	-	72			
1)		12.6	7.7	5.3	3.5	2.4	-	-	-	-	-	-	-	-	-	-	-	1)			

 7,300 lb				 26.5 ft x 10.4 ft								360°				ASME B30.5					
 		35.8	47.2	58.7	70.2	81.7	93.2	104.7	(ft)				127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	
ft		1,000 lb																			ft
10		59.7	56.6	52.8	48.7	45.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12		46.1	45.1	43.1	40.3	37.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14		35.5	37.1	36.0	34.0	32.3	30.1	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16		27.4	30.4	30.6	29.3	27.9	26.1	22.7	-	-	-	-	-	-	-	-	-	-	-	-	16
18		22.3	25.2	26.4	25.7	24.7	23.1	21.8	-	-	-	-	-	-	-	-	-	-	-	-	18
20		17.8	20.7	22.6	22.3	21.7	20.4	19.3	17.8	-	-	-	-	-	-	-	-	-	-	-	20
24		12.4	15.0	16.7	17.0	17.3	16.4	15.6	14.4	13.4	-	-	-	-	-	-	-	-	-	-	24
28		-	11.2	12.9	13.1	13.8	13.3	12.8	11.7	11.0	10.5	-	-	-	-	-	-	-	-	-	28
32		-	8.6	10.2	10.4	11.1	10.6	10.6	9.6	9.0	8.5	7.2	-	-	-	-	-	-	-	-	32
36		-	-	8.3	8.5	9.1	8.7	8.7	8.1	7.4	7.1	5.8	5.1	-	-	-	-	-	-	-	36
40		-	-	6.6	6.9	7.3	7.1	7.3	6.7	6.0	5.8	4.5	3.8	-	-	-	-	-	-	-	40
48		-	-	4.4	4.7	5.1	4.9	5.1	4.6	4.0	3.8	-	-	-	-	-	-	-	-	-	48
56		-	-	-	3.2	3.6	3.4	3.6	2.9	2.4	2.3	-	-	-	-	-	-	-	-	-	56
64		-	-	-	-	2.4	2.0	2.3	-	-	-	-	-	-	-	-	-	-	-	-	64
1)		9.3	5.5	3.7	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom



 39,000 lb		 26.5 ft x 21.3 ft			 21.3 ft			360°			ASME B30.5			
 ft		35.8 ft			104.7 ft			173.6 ft			196.9 ft			 ft
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
1,000 lb														
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20		33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24		28.9	26.3	15.4	35.8	-	-	-	-	-	-	-	-	24
28		25.1	24.4	14.9	35.1	-	-	-	-	-	-	-	-	28
32		22.1	22.8	14.4	33.5	25.0	-	-	-	-	-	-	-	32
36		20.0	21.5	-	31.2	23.8	15.7	-	-	-	-	-	-	36
40		18.0	-	-	29.0	22.8	15.4	11.5	-	-	-	-	-	40
48		-	-	-	24.9	21.2	14.9	11.5	-	-	7.5	-	-	48
56		-	-	-	21.5	19.5	14.7	11.5	11.5	-	7.5	-	-	56
64		-	-	-	17.8	18.1	14.4	11.5	11.5	-	7.5	8.2	-	64
72		-	-	-	14.8	15.1	14.1	11.5	11.5	11.5	7.5	8.2	8.2	72
80		-	-	-	12.7	12.8	13.1	10.1	10.6	11.0	7.5	8.1	8.2	80
88		-	-	-	10.8	11.0	6.8	8.3	9.3	9.6	7.1	7.8	8.1	88
96		-	-	-	9.1	9.4	-	6.7	7.4	7.8	5.8	6.9	7.4	96
104		-	-	-	8.3	8.3	-	5.2	5.9	6.3	4.5	5.5	6.1	104
112		-	-	-	4.8	4.8	-	4.1	4.6	5.0	3.5	4.3	4.8	112
120		-	-	-	4.3	-	-	3.1	3.5	3.7	2.5	3.3	3.7	120
128		-	-	-	-	-	-	2.1	2.5	2.8	-	2.5	2.8	128
136		-	-	-	-	-	-	-	1.7	1.9	-	-	1.9	136

 * 192.6 ft

 20,500 lb		 26.5 ft x 21.3 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft		1,000 lb												ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20		33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24		28.9	26.3	15.4	35.8	-	-	-	-	-	-	-	-	24
28		25.1	24.4	14.9	35.1	-	-	-	-	-	-	-	-	28
32		22.1	22.8	14.4	33.5	25.0	-	-	-	-	-	-	-	32
36		20.0	21.5	-	30.3	23.8	15.7	-	-	-	-	-	-	36
40		18.0	-	-	26.8	22.8	15.4	11.5	-	-	-	-	-	40
48		-	-	-	20.8	20.5	14.9	11.5	-	-	7.5	-	-	48
56		-	-	-	16.3	17.0	14.7	11.2	11.5	-	7.5	-	-	56
64		-	-	-	13.3	13.6	13.6	9.2	10.3	-	7.5	8.2	-	64
72		-	-	-	11.1	11.3	11.7	6.9	8.0	8.9	5.8	7.3	8.2	72
80		-	-	-	9.4	9.6	9.8	5.0	5.9	6.8	3.9	5.3	6.1	80
88		-	-	-	7.7	8.1	6.8	3.5	4.4	5.1	2.5	3.7	4.5	88
96		-	-	-	6.4	6.6	-	2.3	3.1	3.7	-	2.5	3.2	96
104		-	-	-	5.2	5.4	-	-	1.9	2.4	-	-	2.1	104
112		-	-	-	4.1	4.4	-	-	-	-	-	-	-	112
120		-	-	-	3.4	-	-	-	-	-	-	-	-	120

 14,100 lb		 26.5 ft x 21.3 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft		1,000 lb												ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20		33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24		28.9	26.3	15.4	35.8	-	-	-	-	-	-	-	-	24
28		25.1	24.4	14.9	35.1	-	-	-	-	-	-	-	-	28
32		22.1	22.8	14.4	31.7	25.0	-	-	-	-	-	-	-	32
36		20.0	21.5	-	27.2	23.8	15.7	-	-	-	-	-	-	36
40		18.0	-	-	23.6	22.6	15.4	11.5	-	-	-	-	-	40
48		-	-	-	18.7	19.3	14.9	11.3	-	-	7.5	-	-	48
56		-	-	-	14.7	15.0	14.3	9.6	10.6	-	7.4	-	-	56
64		-	-	-	11.9	12.2	12.4	6.9	8.3	-	5.6	7.2	-	64
72		-	-	-	9.7	10.2	10.6	4.7	6.0	6.9	3.6	5.1	6.2	72
80		-	-	-	7.7	8.3	8.5	3.1	4.2	4.8	-	3.5	4.4	80
88		-	-	-	6.2	6.6	6.7	-	2.7	3.3	-	2.2	2.9	88
96		-	-	-	5.0	5.3	-	-	-	2.1	-	-	-	96
104		-	-	-	3.9	4.3	-	-	-	-	-	-	-	104
112		-	-	-	3.0	3.3	-	-	-	-	-	-	-	112
120		-	-	-	2.3	-	-	-	-	-	-	-	-	120

 * 192.6 ft

 7,300 lb		 26.5 ft x 21.3 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
1,000 lb														ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20		33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24		28.9	26.3	15.4	35.7	-	-	-	-	-	-	-	-	24
28		25.1	24.4	14.9	32.4	-	-	-	-	-	-	-	-	28
32		22.1	22.8	14.4	27.3	25.0	-	-	-	-	-	-	-	32
36		20.0	21.5	-	23.9	23.2	15.7	-	-	-	-	-	-	36
40		18.0	-	-	20.8	21.6	15.4	11.4	-	-	-	-	-	40
48		-	-	-	16.1	16.7	14.9	9.9	-	-	7.2	-	-	48
56		-	-	-	12.8	13.2	13.3	6.8	8.4	-	5.4	-	-	56
64		-	-	-	9.8	10.7	11.1	4.4	5.8	-	3.1	4.9	-	64
72		-	-	-	7.5	8.2	8.7	2.5	3.6	4.7	-	2.9	4.0	72
80		-	-	-	5.9	6.6	6.8	-	-	2.9	-	-	-	80
88		-	-	-	4.5	5.1	5.3	-	-	-	-	-	-	88
96		-	-	-	3.4	3.9	-	-	-	-	-	-	-	96
104		-	-	-	2.5	2.8	-	-	-	-	-	-	-	104

 * 192.6 ft

 39,000 lb		 26.5 ft x 14.7 ft			 21.3 ft			360°			ASME B30.5		
 	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft	1,000 lb												ft
10	52.1	-	-	-	-	-	-	-	-	-	-	-	10
12	47.8	-	-	-	-	-	-	-	-	-	-	-	12
14	43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16	40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18	36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20	33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24	28.9	26.3	15.4	35.8	-	-	-	-	-	-	-	-	24
28	25.1	24.4	14.9	33.8	-	-	-	-	-	-	-	-	28
32	22.1	22.8	14.4	29.7	25.0	-	-	-	-	-	-	-	32
36	20.0	21.5	-	26.0	23.8	15.7	-	-	-	-	-	-	36
40	18.0	-	-	22.8	22.5	15.4	11.5	-	-	-	-	-	40
48	-	-	-	18.2	18.6	14.9	11.5	-	-	7.5	-	-	48
56	-	-	-	14.5	14.8	14.2	10.4	11.1	-	7.5	-	-	56
64	-	-	-	12.1	12.2	12.4	8.0	9.1	-	6.7	8.0	-	64
72	-	-	-	10.0	10.4	10.6	5.8	6.9	7.8	4.9	6.2	7.1	72
80	-	-	-	8.1	8.6	8.8	4.2	5.3	5.9	3.4	4.6	5.3	80
88	-	-	-	6.7	7.0	6.8	3.1	3.8	4.4	2.3	3.4	4.0	88
96	-	-	-	5.6	5.8	-	2.0	2.8	3.2	-	2.3	2.8	96
104	-	-	-	4.5	4.8	-	-	1.7	2.1	-	-	1.9	104
112	-	-	-	3.7	3.9	-	-	-	-	-	-	-	112
120	-	-	-	3.0	-	-	-	-	-	-	-	-	120

 20,500 lb		 26.5 ft x 14.7 ft			 21.3 ft			360°			ASME B30.5		
 	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft	1,000 lb												ft
10	52.1	-	-	-	-	-	-	-	-	-	-	-	10
12	47.8	-	-	-	-	-	-	-	-	-	-	-	12
14	43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16	40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18	36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20	33.4	28.9	16.3	35.4	-	-	-	-	-	-	-	-	20
24	28.9	26.3	15.4	29.8	-	-	-	-	-	-	-	-	24
28	25.1	24.4	14.9	25.6	-	-	-	-	-	-	-	-	28
32	22.1	22.8	14.4	22.2	23.0	-	-	-	-	-	-	-	32
36	19.5	20.3	-	19.6	20.1	15.7	-	-	-	-	-	-	36
40	16.8	-	-	17.3	17.9	15.3	10.7	-	-	-	-	-	40
48	-	-	-	13.2	14.2	14.1	7.4	-	-	6.1	-	-	48
56	-	-	-	10.1	10.8	11.5	4.8	6.2	-	3.7	-	-	56
64	-	-	-	7.7	8.4	8.9	3.0	4.1	-	1.9	3.5	-	64
72	-	-	-	6.0	6.4	6.9	-	2.5	3.3	-	2.0	2.7	72
80	-	-	-	4.6	5.1	5.3	-	-	-	-	-	-	80
88	-	-	-	3.5	3.8	4.0	-	-	-	-	-	-	88
96	-	-	-	2.7	2.9	-	-	-	-	-	-	-	96
104	-	-	-	1.9	2.1	-	-	-	-	-	-	-	104

 * 192.6 ft

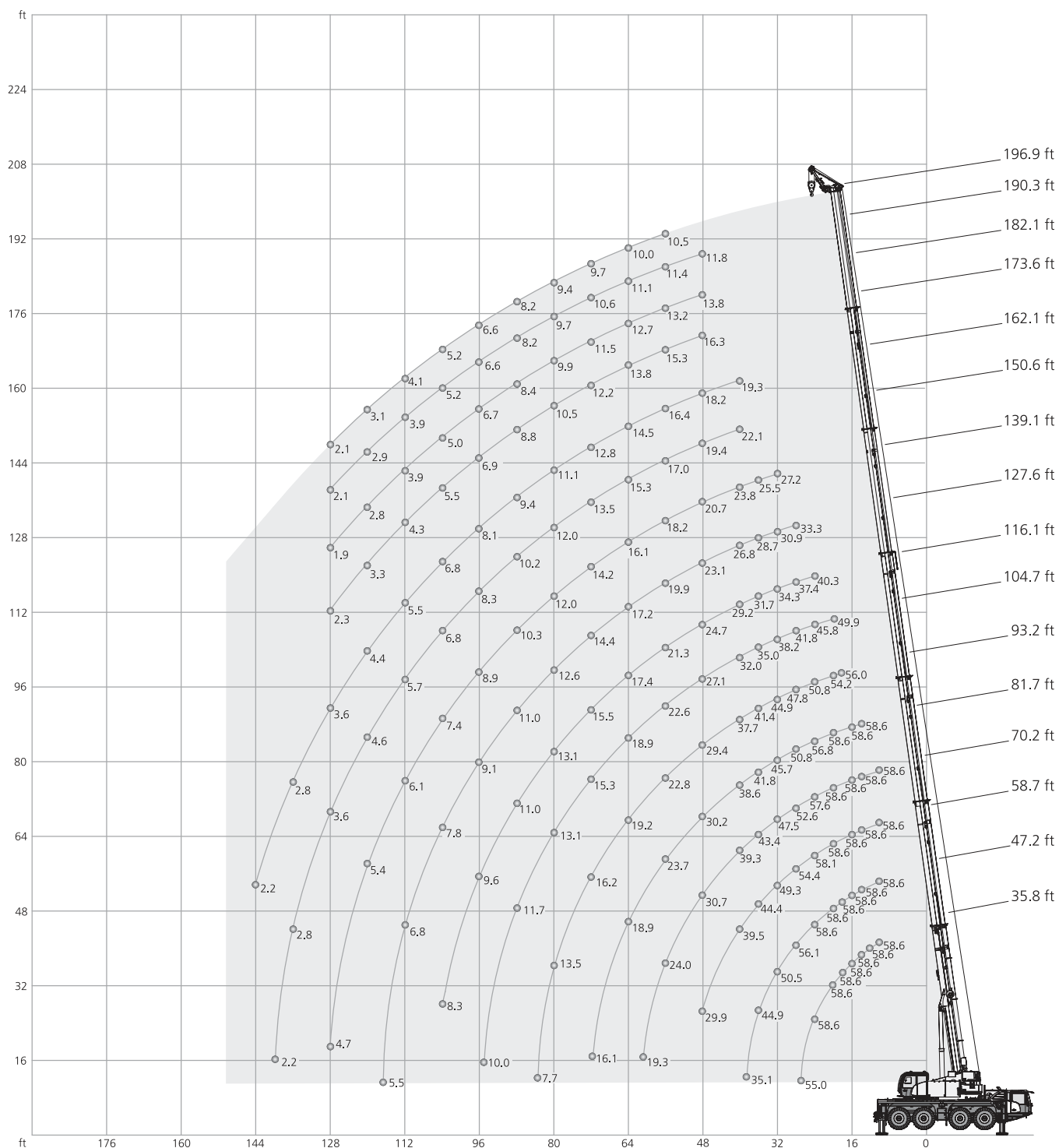
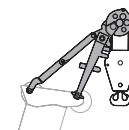
 14,100 lb		 26.5 ft x 14.7 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lb												ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20		33.4	28.9	16.3	31.7	-	-	-	-	-	-	-	-	20
24		28.9	26.3	15.4	26.7	-	-	-	-	-	-	-	-	24
28		25.1	24.4	14.9	22.9	-	-	-	-	-	-	-	-	28
32		20.8	22.0	14.4	19.8	20.2	-	-	-	-	-	-	-	32
36		17.3	18.5	-	17.1	17.9	15.7	-	-	-	-	-	-	36
40		14.2	-	-	14.7	16.0	15.1	8.3	-	-	-	-	-	40
48		-	-	-	11.1	12.2	12.9	5.1	-	-	-	-	-	48
56		-	-	-	8.3	9.2	9.7	2.9	4.3	-	-	-	-	56
64		-	-	-	6.1	6.8	7.5	-	2.4	-	-	-	-	64
72		-	-	-	4.7	5.1	5.6	-	-	-	-	-	-	72
80		-	-	-	3.4	3.8	4.2	-	-	-	-	-	-	80
88		-	-	-	2.4	2.8	2.9	-	-	-	-	-	-	88
96		-	-	-	-	2.0	-	-	-	-	-	-	-	96

 7,300 lb		 26.5 ft x 14.7 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lb												ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20		33.4	28.9	16.3	27.6	-	-	-	-	-	-	-	-	20
24		28.2	26.3	15.4	23.3	-	-	-	-	-	-	-	-	24
28		21.9	23.2	14.9	19.6	-	-	-	-	-	-	-	-	28
32		17.2	18.8	14.4	16.5	17.8	-	-	-	-	-	-	-	32
36		14.2	15.3	-	14.0	15.5	15.0	-	-	-	-	-	-	36
40		11.6	-	-	11.9	13.2	14.3	-	-	-	-	-	-	40
48		-	-	-	8.8	9.9	10.6	-	-	-	-	-	-	48
56		-	-	-	6.3	7.3	7.8	-	-	-	-	-	-	56
64		-	-	-	4.5	5.2	5.7	-	-	-	-	-	-	64
72		-	-	-	3.1	3.8	4.0	-	-	-	-	-	-	72
80		-	-	-	-	2.5	2.9	-	-	-	-	-	-	80

 20,500 lb		 26.5 ft x 10.4 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lb												ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20		33.2	28.9	16.3	25.4	-	-	-	-	-	-	-	-	20
24		26.3	26.1	15.4	22.3	-	-	-	-	-	-	-	-	24
28		20.5	22.2	14.9	18.6	-	-	-	-	-	-	-	-	28
32		16.4	17.8	14.4	15.8	17.1	-	-	-	-	-	-	-	32
36		13.6	14.7	-	13.6	15.0	14.8	-	-	-	-	-	-	36
40		11.2	-	-	11.7	13.0	13.8	5.5	-	-	-	-	-	40
48		-	-	-	8.8	9.7	10.5	2.8	-	-	-	-	-	48
56		-	-	-	6.3	7.2	7.8	-	-	-	-	-	-	56
64		-	-	-	4.5	5.2	5.7	-	-	-	-	-	-	64
72		-	-	-	3.1	3.8	4.2	-	-	-	-	-	-	72
80		-	-	-	2.1	2.7	2.9	-	-	-	-	-	-	80

 14,100 lb		 26.5 ft x 10.4 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lb												ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		47.8	-	-	-	-	-	-	-	-	-	-	-	12
14		43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		39.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18		34.1	30.2	-	-	-	-	-	-	-	-	-	-	18
20		29.4	28.8	16.3	22.8	-	-	-	-	-	-	-	-	20
24		22.4	24.6	15.4	18.9	-	-	-	-	-	-	-	-	24
28		17.3	19.0	14.9	15.7	-	-	-	-	-	-	-	-	28
32		13.7	15.0	14.4	13.2	14.4	-	-	-	-	-	-	-	32
36		11.3	12.3	-	11.3	12.6	13.5	-	-	-	-	-	-	36
40		9.2	-	-	9.5	10.8	11.7	-	-	-	-	-	-	40
48		-	-	-	6.9	7.8	8.6	-	-	-	-	-	-	48
56		-	-	-	4.8	5.6	6.3	-	-	-	-	-	-	56
64		-	-	-	3.2	3.9	4.3	-	-	-	-	-	-	64
72		-	-	-	2.0	2.7	2.9	-	-	-	-	-	-	72

 7,300 lb		 26.5 ft x 10.4 ft			 21.3 ft			360°			ASME B30.5			
		35.8 ft			104.7 ft			173.6 ft			196.9 ft			
		0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°	50°	
ft		1,000 lb												ft
10		52.1	-	-	-	-	-	-	-	-	-	-	-	10
12		46.7	-	-	-	-	-	-	-	-	-	-	-	12
14		38.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16		32.7	31.5	-	-	-	-	-	-	-	-	-	-	16
18		28.2	29.8	-	-	-	-	-	-	-	-	-	-	18
20		24.2	27.6	16.3	18.7	-	-	-	-	-	-	-	-	20
24		18.2	20.4	15.4	15.3	-	-	-	-	-	-	-	-	24
28		13.8	15.7	14.9	12.6	-	-	-	-	-	-	-	-	28
32		10.7	12.1	13.1	10.4	11.5	-	-	-	-	-	-	-	32
36		8.6	9.7	-	8.6	10.1	11.0	-	-	-	-	-	-	36
40		6.8	-	-	7.1	8.4	9.2	-	-	-	-	-	-	40
48		-	-	-	4.6	5.8	6.5	-	-	-	-	-	-	48
56		-	-	-	2.9	3.9	4.5	-	-	-	-	-	-	56
64		-	-	-	-	2.5	2.9	-	-	-	-	-	-	64
72		-	-	-	-	-	1.8	-	-	-	-	-	-	72



 39,000 lb		 26.5 ft x 21.3 ft								 4.9 ft				360°				ASME B30.5			
 		(ft)																			
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
		1,000 lb																			
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	14		
16		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	16		
18		58.6	58.6	58.6	58.6	58.6	56.0	-	-	-	-	-	-	-	-	-	-	-	18		
20		58.6	58.6	58.6	58.6	58.6	54.2	49.9	-	-	-	-	-	-	-	-	-	-	20		
24		58.6	58.6	58.1	57.5	56.8	50.8	45.8	40.3	-	-	-	-	-	-	-	-	-	24		
28		55.0	56.1	54.4	52.6	50.8	47.8	41.8	37.4	33.3	-	-	-	-	-	-	-	-	28		
32		-	50.5	49.3	47.5	45.7	44.9	38.2	34.3	30.9	27.2	-	-	-	-	-	-	-	32		
36		-	44.9	44.4	43.4	41.8	41.4	35.0	31.7	28.7	25.5	-	-	-	-	-	-	-	36		
40		-	35.1	39.5	39.3	38.6	37.7	32.0	29.2	26.8	23.8	22.1	19.3	-	-	-	-	-	40		
48		-	-	29.9	30.7	30.2	29.4	27.1	24.7	23.1	20.7	19.4	18.2	16.3	13.8	11.8	-	-	48		
56		-	-	-	24.0	23.7	22.8	22.6	21.3	19.9	18.2	17.0	16.4	15.3	13.2	11.4	10.5	-	56		
64		-	-	-	19.3	18.9	19.2	18.9	17.4	17.2	16.1	15.3	14.5	13.8	12.7	11.1	10.0	-	64		
72		-	-	-	-	16.1	16.2	15.3	15.5	14.4	14.2	13.5	12.8	12.2	11.5	10.6	9.7	-	72		
80		-	-	-	-	-	13.5	13.1	13.1	12.6	12.0	12.0	11.1	10.5	9.9	9.7	9.4	-	80		
88		-	-	-	-	-	7.7	11.7	11.0	11.0	10.3	10.2	9.4	8.8	8.4	8.2	8.2	-	88		
96		-	-	-	-	-	-	10.0	9.6	9.1	8.9	8.3	8.1	6.9	6.7	6.6	6.6	-	96		
104		-	-	-	-	-	-	6.0	8.3	7.8	7.4	6.8	6.8	5.5	5.0	5.2	5.2	-	104		
112		-	-	-	-	-	-	-	-	6.8	6.1	5.7	5.5	4.3	3.9	3.9	4.1	-	112		
120		-	-	-	-	-	-	-	-	5.5	5.4	4.6	4.4	3.3	2.8	2.9	3.1	-	120		
128		-	-	-	-	-	-	-	-	4.7	4.7	3.6	3.6	2.3	1.9	2.1	2.1	-	128		
136		-	-	-	-	-	-	-	-	-	2.6	2.8	2.8	-	-	-	-	-	136		
144		-	-	-	-	-	-	-	-	-	-	2.2	2.2	-	-	-	-	-	144		
1)		27.3	20.7	16.5	13.2	11.0	8.8	7.1	5.5	4.2	3.3	1.8	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

 20,500 lb			 26.5 ft x 21.3 ft				 4.9 ft				360°				ASME B30.5				
		(ft)																	
		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9		
ft		1,000 lb																	ft
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	14
16		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	16
18		58.6	58.6	58.6	58.6	58.6	56.0	-	-	-	-	-	-	-	-	-	-	-	18
20		58.6	58.6	58.6	58.6	58.6	54.2	49.9	-	-	-	-	-	-	-	-	-	-	20
24		58.3	58.6	58.1	57.5	56.8	50.8	45.8	40.3	-	-	-	-	-	-	-	-	-	24
28		51.5	53.1	52.6	51.6	49.0	46.7	41.8	37.4	33.3	-	-	-	-	-	-	-	-	28
32		-	42.0	42.6	42.2	42.3	40.3	37.5	34.3	30.9	27.2	-	-	-	-	-	-	-	32
36		-	34.5	35.1	35.6	36.0	34.2	32.6	30.6	28.5	25.4	-	-	-	-	-	-	-	36
40		-	24.3	30.0	30.0	29.5	28.7	28.2	26.8	26.2	23.6	21.9	19.3	-	-	-	-	-	40
48		-	-	22.1	22.1	22.0	22.5	21.6	20.8	20.3	19.9	18.7	17.1	16.0	13.8	11.8	-	-	48
56		-	-	-	17.5	17.7	17.3	17.0	16.9	16.6	16.2	15.7	14.0	13.2	12.3	11.2	10.5	-	56
64		-	-	-	14.1	14.1	14.1	13.9	13.8	13.3	12.8	12.3	11.6	10.1	9.4	9.0	8.9	-	64
72		-	-	-	-	11.7	11.5	11.5	11.1	10.6	10.6	9.5	9.1	7.5	6.9	6.7	6.7	-	72
80		-	-	-	-	-	9.4	9.4	9.0	8.5	8.5	7.4	7.0	5.7	5.0	4.8	4.8	-	80
88		-	-	-	-	-	3.3	7.7	7.2	6.8	6.8	5.7	5.5	4.2	3.5	3.3	3.3	-	88
96		-	-	-	-	-	-	6.4	5.8	5.5	5.5	4.4	4.3	2.8	2.3	2.1	2.1	-	96
104		-	-	-	-	-	-	5.2	4.8	4.3	4.3	3.2	3.0	1.9	-	-	-	-	104
112		-	-	-	-	-	-	-	-	3.5	3.5	2.2	-	-	-	-	-	-	112
120		-	-	-	-	-	-	-	-	2.5	2.5	-	-	-	-	-	-	-	120
128		-	-	-	-	-	-	-	-	1.8	2.0	-	-	-	-	-	-	-	128
1)		27.3	20.7	16.5	13.0	10.1	7.5	5.5	3.7	2.4	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

 14,100 lb		 26.5 ft x 21.3 ft						 4.9 ft				360°				ASME B30.5				
		(ft)																		
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft		
1,000 lb																				
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	14		
16		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	16		
18		58.6	58.6	58.6	58.6	58.6	56.0	-	-	-	-	-	-	-	-	-	-	18		
20		58.6	58.6	58.6	58.6	58.5	54.2	49.9	-	-	-	-	-	-	-	-	-	20		
24		56.3	57.0	57.1	56.1	54.0	50.0	45.8	40.3	-	-	-	-	-	-	-	-	24		
28		45.5	47.6	48.1	46.4	44.6	42.8	40.0	37.0	33.2	-	-	-	-	-	-	-	28		
32		-	36.9	37.5	38.4	37.8	35.3	33.7	31.8	30.5	27.0	-	-	-	-	-	-	32		
36		-	30.2	31.9	32.1	31.5	29.9	28.9	27.5	26.6	24.2	-	-	-	-	-	-	36		
40		-	20.6	26.1	26.3	25.8	26.5	25.6	24.0	23.4	22.2	20.7	19.0	-	-	-	-	40		
48		-	-	19.1	19.8	20.0	19.6	19.2	19.1	19.0	18.1	17.0	15.1	14.2	13.1	11.6	-	48		
56		-	-	-	15.3	15.3	15.5	15.1	15.1	14.8	14.0	13.0	12.3	10.6	9.8	9.6	9.3	56		
64		-	-	-	12.1	12.3	12.3	12.1	11.8	11.4	11.3	10.0	9.4	7.8	7.1	6.7	6.7	64		
72		-	-	-	-	10.0	9.8	9.7	9.3	8.9	8.9	7.5	7.1	5.6	4.9	4.7	4.5	72		
80		-	-	-	-	-	7.9	7.9	7.2	7.0	7.0	5.7	5.3	3.8	3.1	2.9	2.9	80		
88		-	-	-	-	-	-	6.3	5.7	5.3	5.4	4.2	4.0	2.5	-	-	-	88		
96		-	-	-	-	-	-	5.0	4.5	4.1	4.1	3.0	2.8	-	-	-	-	96		
104		-	-	-	-	-	-	4.1	3.4	3.0	3.0	1.9	1.9	-	-	-	-	104		
112		-	-	-	-	-	-	-	-	2.2	2.2	-	-	-	-	-	-	112		
1)		27.3	20.7	15.0	11.0	8.4	6.0	4.2	2.6	-	-	-	-	-	-	-	-	1)		

 7,300 lb		 26.5 ft x 21.3 ft						 4.9 ft				360°				ASME B30.5					
		(ft)																			
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
1,000 lb																					
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10			
12		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12			
14		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	14			
16		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	16			
18		58.6	58.6	58.6	58.6	58.6	56.0	-	-	-	-	-	-	-	-	-	-	18			
20		58.5	58.6	58.5	58.1	57.7	53.8	49.7	-	-	-	-	-	-	-	-	-	20			
24		53.1	54.6	53.5	50.1	47.7	45.5	42.4	38.6	-	-	-	-	-	-	-	-	24			
28		38.6	40.8	41.2	41.3	39.3	36.6	34.9	32.9	29.4	-	-	-	-	-	-	-	28			
32		-	31.7	33.2	33.2	32.3	30.9	29.9	27.8	26.8	22.6	-	-	-	-	-	-	32			
36		-	26.2	27.2	27.2	26.8	26.7	25.6	24.5	23.4	21.9	-	-	-	-	-	-	36			
40		-	16.4	22.2	23.3	23.1	22.6	22.2	21.4	21.2	19.6	18.3	16.2	-	-	-	-	40			
48		-	-	16.4	16.9	16.8	17.0	17.0	16.6	15.9	14.9	13.6	12.8	11.0	10.1	9.9	-	48			
56		-	-	-	12.8	13.0	12.9	12.8	12.5	12.1	11.8	10.2	9.4	7.7	7.0	6.6	6.5	56			
64		-	-	-	9.8	10.2	10.0	10.0	9.4	9.1	8.9	7.5	6.8	5.1	4.5	4.2	4.2	64			
72		-	-	-	-	8.0	7.8	7.8	7.1	6.9	6.9	5.3	4.9	3.1	2.7	2.2	2.2	72			
80		-	-	-	-	-	6.0	6.0	5.5	5.1	5.1	3.8	3.3	-	-	-	-	80			
88		-	-	-	-	-	-	4.6	4.0	3.7	3.7	2.6	2.1	-	-	-	-	88			
96		-	-	-	-	-	-	3.6	3.0	2.7	2.7	-	-	-	-	-	-	96			
104		-	-	-	-	-	-	2.7	2.1	1.7	1.7	-	-	-	-	-	-	104			
1)		27.3	17.6	12.3	8.8	6.6	4.4	2.9	-	-	-	-	-	-	-	-	-	1)			

1) Capacities with horizontal boom

 39,000 lb		 26.5 ft x 14.7 ft							 4.9 ft				360°				ASME B30.5			
		(ft)																		
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft		
1,000 lb																				
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	14		
16		58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	16		
18		58.6	58.6	58.6	58.6	57.5	56.0	-	-	-	-	-	-	-	-	-	-	18		
20		57.7	57.8	57.9	57.8	55.3	53.6	49.6	-	-	-	-	-	-	-	-	-	20		
24		45.4	47.1	47.4	47.1	46.6	43.8	41.3	37.9	-	-	-	-	-	-	-	-	24		
28		35.2	36.6	37.9	38.0	37.7	36.3	34.9	33.2	30.1	-	-	-	-	-	-	-	28		
32		-	30.0	30.6	30.8	30.4	30.4	30.1	28.9	27.3	24.6	-	-	-	-	-	-	32		
36		-	25.2	25.9	26.0	25.9	26.2	25.6	24.8	24.3	23.2	-	-	-	-	-	-	36		
40		-	17.6	21.8	22.5	22.5	22.0	22.3	21.8	21.8	21.4	20.3	18.0	-	-	-	-	40		
48		-	-	16.7	17.0	17.0	17.3	17.2	16.8	16.6	16.2	15.7	14.7	13.9	13.1	11.7	-	48		
56		-	-	-	13.4	13.6	13.6	13.5	13.1	12.9	12.9	12.2	12.0	10.9	10.3	10.1	9.8	56		
64		-	-	-	10.8	11.0	10.9	10.9	10.6	10.2	10.2	9.5	9.5	8.4	7.9	7.7	7.7	64		
72		-	-	-	-	9.1	8.9	8.9	8.4	8.2	8.2	7.5	7.5	6.4	6.0	5.8	5.8	72		
80		-	-	-	-	-	7.3	7.3	7.1	6.8	6.8	6.0	6.0	4.9	4.4	4.2	4.2	80		
88		-	-	-	-	-	2.9	6.3	5.8	5.6	5.6	4.7	4.7	3.6	3.2	2.9	2.9	88		
96		-	-	-	-	-	-	5.2	4.9	4.5	4.5	3.8	3.6	2.5	2.1	1.9	1.9	96		
104		-	-	-	-	-	-	4.3	4.1	3.6	3.6	2.8	2.7	-	-	-	-	104		
112		-	-	-	-	-	-	-	-	3.0	3.0	-	-	-	-	-	-	112		
120		-	-	-	-	-	-	-	-	2.2	2.3	-	-	-	-	-	-	120		
1)		27.1	18.1	13.2	9.9	7.7	6.0	4.6	3.3	2.0	-	-	-	-	-	-	-	1)		

 20,500 lb		 26.5 ft x 14.7 ft							 4.9 ft				360°				ASME B30.5		
		(ft)																	
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft	
1,000 lb																			
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10	
12		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12	
14		58.6	58.6	58.6	58.6	58.3	-	-	-	-	-	-	-	-	-	-	-	14	
16		58.6	58.6	58.6	56.0	54.0	-	-	-	-	-	-	-	-	-	-	-	16	
18		52.5	53.4	53.2	50.2	47.9	44.8	-	-	-	-	-	-	-	-	-	-	18	
20		45.0	46.7	46.9	45.1	42.1	39.9	37.8	-	-	-	-	-	-	-	-	-	20	
24		32.5	34.7	35.5	35.6	34.4	33.2	31.4	29.8	-	-	-	-	-	-	-	-	24	
28		24.6	26.7	27.4	28.0	28.3	27.4	26.9	25.7	24.0	-	-	-	-	-	-	-	28	
32		-	21.3	22.4	22.8	22.7	23.0	22.7	21.9	20.8	18.9	-	-	-	-	-	-	32	
36		-	17.6	18.9	19.1	19.4	19.3	19.1	18.7	17.9	17.1	-	-	-	-	-	-	36	
40		-	11.1	15.7	16.0	16.4	16.0	16.2	15.7	15.3	15.1	13.6	12.7	-	-	-	-	40	
48		-	-	11.5	11.7	12.2	12.0	12.0	11.5	11.3	11.3	10.1	9.4	7.9	7.3	7.1	-	48	
56		-	-	-	9.0	9.3	9.1	9.1	8.6	8.4	8.4	7.7	7.0	5.6	5.0	4.8	4.8	56	
64		-	-	-	7.0	7.2	7.0	7.0	6.7	6.5	6.5	5.7	5.0	3.7	3.0	2.8	2.8	64	
72		-	-	-	-	5.8	5.5	5.5	5.1	4.9	4.9	4.0	3.6	2.2	1.6	-	-	72	
80		-	-	-	-	-	4.5	4.5	4.0	3.8	3.8	2.7	2.3	-	-	-	-	80	
88		-	-	-	-	-	-	3.5	3.0	2.7	2.8	-	-	-	-	-	-	88	
96		-	-	-	-	-	-	2.7	2.2	1.8	1.9	-	-	-	-	-	-	96	
104		-	-	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	104	
1)		18.5	12.1	8.8	6.4	4.6	3.3	2.2	-	-	-	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

 14,100 lb		 26.5 ft x 14.7 ft		 4.9 ft		360°		ASME B30.5										
		(ft)																
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft
1,000 lb																		
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10
12		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12
14		58.6	58.6	58.6	57.2	55.2	-	-	-	-	-	-	-	-	-	-	-	14
16		57.6	56.8	54.0	51.7	47.8	-	-	-	-	-	-	-	-	-	-	-	16
18		49.0	49.3	47.3	45.3	42.3	39.7	-	-	-	-	-	-	-	-	-	-	18
20		39.2	41.6	41.8	39.4	37.7	35.8	33.9	-	-	-	-	-	-	-	-	-	20
24		28.0	30.1	31.0	31.4	30.8	29.4	28.4	25.9	-	-	-	-	-	-	-	-	24
28		21.1	23.1	24.3	24.7	24.7	24.6	23.6	22.3	20.6	-	-	-	-	-	-	-	28
32		-	18.3	19.6	19.8	20.0	20.0	19.7	18.7	17.8	17.1	-	-	-	-	-	-	32
36		-	15.1	16.3	16.5	16.9	16.7	16.6	15.9	15.4	14.8	-	-	-	-	-	-	36
40		-	8.7	13.4	13.6	14.0	13.8	13.8	13.4	13.1	12.7	11.0	10.3	-	-	-	-	40
48		-	-	9.8	9.9	10.3	10.1	10.1	9.7	9.4	9.4	8.0	7.4	5.8	5.3	5.1	-	48
56		-	-	-	7.4	7.9	7.7	7.7	7.2	7.0	7.0	5.8	5.2	3.8	3.1	2.9	-	56
64		-	-	-	5.6	6.1	5.8	5.8	5.4	5.2	5.2	3.9	3.4	2.1	-	-	-	64
72		-	-	-	-	4.7	4.4	4.4	4.0	3.8	3.8	2.5	2.0	-	-	-	-	72
80		-	-	-	-	-	3.4	3.4	2.9	2.7	2.7	-	-	-	-	-	-	80
88		-	-	-	-	-	-	2.5	1.9	-	-	-	-	-	-	-	-	88
1)		15.7	10.1	7.3	5.1	3.7	2.4	-	-	-	-	-	-	-	-	-	-	1)

 7,300 lb		 26.5 ft x 14.7 ft								 4.9 ft				360°				ASME B30.5			
		(ft)																			
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft			
1,000 lb																					
10		58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10			
12		58.6	58.6	58.6	57.9	-	-	-	-	-	-	-	-	-	-	-	-	12			
14		58.6	57.0	54.8	52.2	47.7	-	-	-	-	-	-	-	-	-	-	-	14			
16		51.0	49.9	47.7	44.4	41.6	-	-	-	-	-	-	-	-	-	-	-	16			
18		41.2	42.2	41.4	38.7	36.9	34.5	-	-	-	-	-	-	-	-	-	-	18			
20		32.7	35.3	35.6	34.7	32.5	31.2	29.1	-	-	-	-	-	-	-	-	-	20			
24		23.2	25.3	26.6	27.2	26.5	25.2	24.0	21.6	-	-	-	-	-	-	-	-	24			
28		17.2	19.1	20.7	20.9	21.2	20.7	19.7	18.5	17.1	-	-	-	-	-	-	-	28			
32		-	15.0	16.4	16.5	17.1	16.7	16.5	15.5	14.6	13.9	-	-	-	-	-	-	32			
36		-	12.2	13.5	13.6	14.2	13.8	13.7	13.2	12.4	11.8	-	-	-	-	-	-	36			
40		-	6.3	11.0	11.2	11.6	11.4	11.4	11.0	10.3	9.9	8.4	7.7	-	-	-	-	40			
48		-	-	7.8	8.0	8.4	8.2	8.2	7.8	7.5	7.2	5.6	5.2	-	-	-	-	48			
56		-	-	-	5.8	6.2	6.0	6.0	5.6	5.3	5.1	3.7	3.1	-	-	-	-	56			
64		-	-	-	4.2	4.7	4.3	4.5	4.0	3.8	3.4	2.1	-	-	-	-	-	64			
72		-	-	-	-	3.3	3.1	3.1	2.7	2.5	2.2	-	-	-	-	-	-	72			
80		-	-	-	-	-	2.1	2.1	-	-	-	-	-	-	-	-	-	80			
1)		12.6	7.9	5.5	3.7	2.4	-	-	-	-	-	-	-	-	-	-	-	1)			

1) Capacities with horizontal boom

 20,500 lb		 26.5 ft x 10.4 ft							 4.9 ft				360°				ASME B30.5			
		(ft)																		
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft		
1,000 lb																				
10		58.6	58.6	58.6	58.2	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		58.6	57.5	56.5	53.5	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		53.5	51.2	49.1	45.7	42.8	-	-	-	-	-	-	-	-	-	-	-	14		
16		42.6	44.2	42.1	39.9	37.9	-	-	-	-	-	-	-	-	-	-	-	16		
18		35.3	37.4	36.8	35.6	33.7	32.3	-	-	-	-	-	-	-	-	-	-	18		
20		29.1	31.1	32.4	31.6	30.4	28.7	26.9	-	-	-	-	-	-	-	-	-	20		
24		21.2	23.2	24.6	24.9	24.6	23.6	22.4	20.4	-	-	-	-	-	-	-	-	24		
28		16.2	18.0	19.3	19.5	19.9	19.5	18.9	17.7	16.3	-	-	-	-	-	-	-	28		
32		-	14.3	15.6	15.7	16.1	15.9	15.8	14.9	13.9	13.5	-	-	-	-	-	-	32		
36		-	11.8	13.1	13.2	13.5	13.3	13.3	12.7	11.9	11.6	-	-	-	-	-	-	36		
40		-	6.4	10.8	11.0	11.2	11.0	11.0	10.8	10.1	9.9	8.4	7.7	-	-	-	-	40		
48		-	-	7.8	8.0	8.3	8.0	8.0	7.8	7.4	7.3	5.8	5.4	-	-	-	-	48		
56		-	-	-	5.8	6.2	6.0	6.0	5.6	5.3	5.2	3.9	3.4	-	-	-	-	56		
64		-	-	-	4.2	4.7	4.5	4.5	4.0	3.8	3.6	2.3	-	-	-	-	-	64		
72		-	-	-	-	3.6	3.3	3.3	2.9	2.7	2.4	-	-	-	-	-	-	72		
80		-	-	-	-	-	2.3	2.3	-	-	-	-	-	-	-	-	-	80		
1)		12.1	7.9	5.5	4.0	2.6	-	-	-	-	-	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

 14,100 lb		 26.5 ft x 10.4 ft		 4.9 ft		360°		ASME B30.5												
		(ft)																		
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft		
		1,000 lb																		
10		58.6	58.4	58.1	53.9	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		56.1	53.6	50.6	47.1	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		46.1	45.2	42.6	40.3	37.8	-	-	-	-	-	-	-	-	-	-	-	14		
16		36.6	38.3	36.6	35.1	33.3	-	-	-	-	-	-	-	-	-	-	-	16		
18		30.1	32.3	32.4	31.1	29.6	27.9	-	-	-	-	-	-	-	-	-	-	18		
20		24.6	26.7	28.1	27.3	26.3	24.8	23.0	-	-	-	-	-	-	-	-	-	20		
24		17.9	19.8	21.1	21.3	21.2	20.1	19.2	17.2	-	-	-	-	-	-	-	-	24		
28		13.3	15.1	16.4	16.7	17.1	16.6	15.9	14.8	13.5	-	-	-	-	-	-	-	28		
32		-	11.8	13.2	13.4	13.8	13.6	13.3	12.3	11.5	11.0	-	-	-	-	-	-	32		
36		-	9.6	10.9	11.1	11.5	11.3	11.1	10.5	9.7	9.3	-	-	-	-	-	-	36		
40		-	4.4	8.8	9.0	9.5	9.2	9.2	8.8	8.2	7.7	6.4	5.8	-	-	-	-	40		
48		-	-	6.3	6.3	6.7	6.5	6.6	6.1	5.8	5.4	4.1	3.5	-	-	-	-	48		
56		-	-	-	4.6	4.9	4.7	4.8	4.4	3.9	3.5	2.3	-	-	-	-	-	56		
64		-	-	-	3.3	3.6	3.4	3.4	2.9	2.5	2.2	-	-	-	-	-	-	64		
72		-	-	-	-	2.4	2.2	2.2	1.8	-	-	-	-	-	-	-	-	72		
1)		9.7	6.2	4.4	2.9	1.5	-	-	-	-	-	-	-	-	-	-	-	1)		

 7,300 lb		 26.5 ft x 10.4 ft				 4.9 ft				360°				ASME B30.5						
		(ft)																		
ft		35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft		
		1,000 lb																		
10		57.9	56.8	52.1	45.4	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
12		47.8	45.8	42.6	40.4	-	-	-	-	-	-	-	-	-	-	-	-	-	12	
14		38.2	37.8	36.3	34.2	31.7	-	-	-	-	-	-	-	-	-	-	-	-	14	
16		30.2	31.8	31.0	29.4	27.9	-	-	-	-	-	-	-	-	-	-	-	-	16	
18		24.7	26.7	27.0	25.8	24.7	23.1	-	-	-	-	-	-	-	-	-	-	-	18	
20		20.0	22.0	23.3	22.5	21.7	20.4	18.9	-	-	-	-	-	-	-	-	-	-	20	
24		14.1	16.0	17.3	17.6	17.4	16.4	15.6	13.6	-	-	-	-	-	-	-	-	-	24	
28		10.3	12.0	13.4	13.6	13.9	13.4	12.7	11.7	10.5	-	-	-	-	-	-	-	-	28	
32		-	9.3	10.6	10.7	11.1	10.8	10.5	9.6	9.0	8.3	-	-	-	-	-	-	-	32	
36		-	7.4	8.6	8.7	9.2	9.0	8.7	8.1	7.3	6.9	-	-	-	-	-	-	-	36	
40		-	-	6.9	7.1	7.5	7.3	7.1	6.6	5.8	5.5	-	-	-	-	-	-	-	40	
48		-	-	4.6	4.8	5.1	4.9	4.9	4.4	3.7	3.3	-	-	-	-	-	-	-	48	
56		-	-	-	3.2	3.6	3.4	3.3	2.7	2.1	-	-	-	-	-	-	-	-	56	
64		-	-	-	1.8	2.3	2.0	2.0	-	-	-	-	-	-	-	-	-	-	64	
1)		7.1	4.4	2.9	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	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 340-5	Mercedes-Benz OM471; Diesel engine; 340 kW / 1700 ¹ /min (462 HP), torque 2200 Nm / 1000 ¹ /min; The engine complies with EU Stage V/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	92.5 gallons Diesel (no RME / biodiesel); 11 gallons Ad-Blue tank.
Transmission G230	Mercedes-Benz G230-12; Automated gearbox with 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
Axles 8 x 4 x 8	8 x 4 x 8; 4 axles, axles 1 and 4 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; Height and tilt-adjustable steering wheel; Auxiliary/passenger seat; Powered door windows; Tinted glass; 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 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; 4 outrigger bases: 7.7 ft, 10.4 ft, 14.7 ft and 21.3 ft.
Outrigger pads	4 square outrigger pads A = 0.85 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 HA60	35.8 - 196.9 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 3 sheaves integrated in boom head for max. capacity of 87,100 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).
Counterweight 20,500 lb	20,500 lb; 5 pieces; Automatic rigging system.
Control system	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
Operator aids	IC-1, with integrated 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 340-3; ECE R96	Mercedes-Benz OM471; Diesel engine; 340 kW / 1700 1/min (462 HP), torque 2200 Nm / 1000 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 8 x 6 x 8	8 x 6 x 8; All 4 axles steered, axles 1 and 4 permanently driven, axle 3 shiftable, all axles equipped with selectable transverse lock.
Wear-free auxiliary brake	Wear-free auxiliary eddy-current brake at 4th axle.
Tires	8 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).
Demag Surround View	360° view during road travelling; Speed dependent; Indication in display of carrier cabin. Usable as assistance system when entering jobsite with indication of outrigger positions and tailswing of counterweight.

Superstructure

2. hoist (H2)	2. hoist; Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring.
Additional counterweight 18,500 lb	Additional counterweight 18,500 lb, 1 piece; for total 39,000 lb, 6 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.
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 operation 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.
E-Pack	Electro-hydraulic pump aggregate for emission free crane operation.

Extensions

HAV 21.3 ft	21.3 ft; Lattice swing-away jib, manual offset 25°/50°; 2-sheave head; Incl. transport storage.
MS (runner)	4.9 ft; Variable assembly jib with manual offset; 2-sheaves, for max. 58,700 lb lifting capacity.

Hook Blocks

VarioHook 50-3-18-D	50-3-18-D (662 lb -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 50-3-18-E	50-3-18-E (662 lb -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 50-3-18-D	50-3-18-D (1,320 lb); Hook block with ramshorn hook; 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 8-0-18	8-0-18 (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.

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Tadano Demag GmbH
Europa Allee 2
66482 Zweibrücken
Germany
T +49 6332 830

info.demag@tadano.com
www.demagmobilecranes.com



Tadano Ltd. (International Division)
4-12, Kamezawa 2-chome
Sumida-ku Tokyo 130-0014, Japan
E info@tadano.com **T** 81-3-3621-7750
www.tadano.com