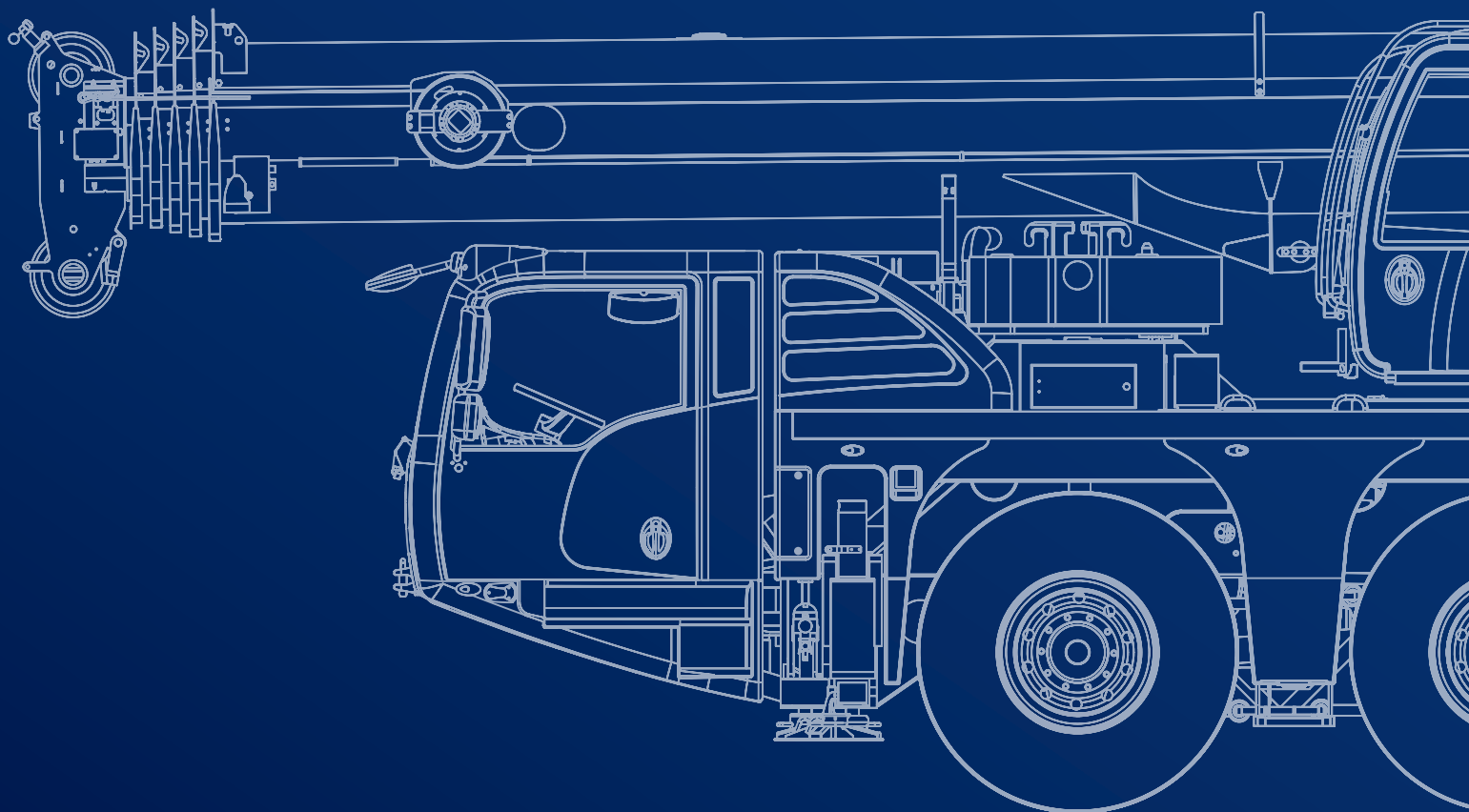


AC 3.055-1

60 US TON MAX. CRANE CAPACITY



- Suitable for alternative fuels





December 2024. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings in this brochure are for illustrative purposes only. For correct and safe crane operation, the original operating manual and lifting capacity charts are essential. Failure to follow the corresponding Operator's Manual when using our equipment or failure to otherwise act responsibly may result in property damage, serious injury or death. The sole warranty applicable with respect to our equipment is the standard warranty as per general terms and conditions of sales and service (ask your local Tadano dealer for details), and Tadano makes no other warranty, express or implied. All rights reserved. Any use of the trademarks, logos, brand names and model names used herein is prohibited.

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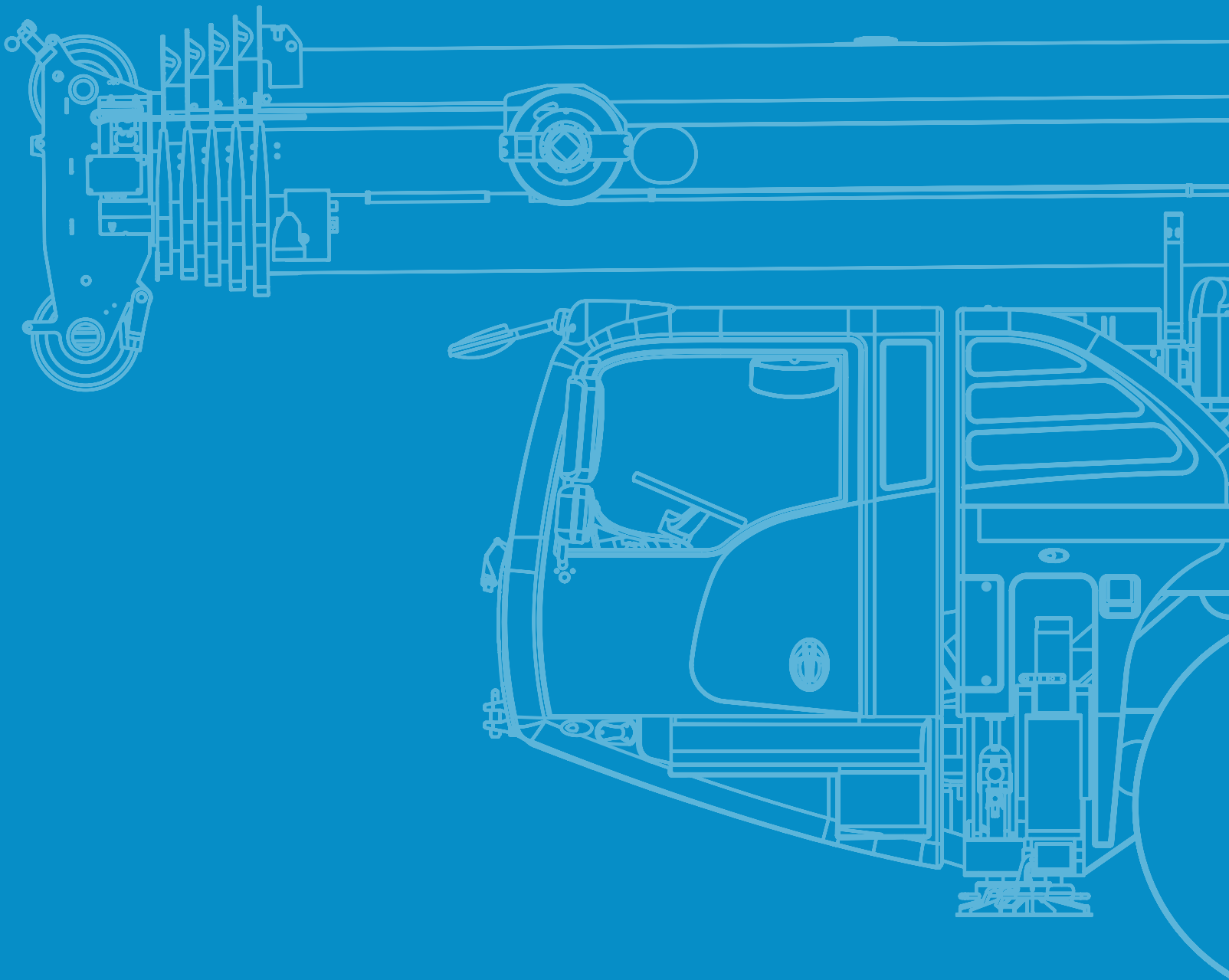
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Key

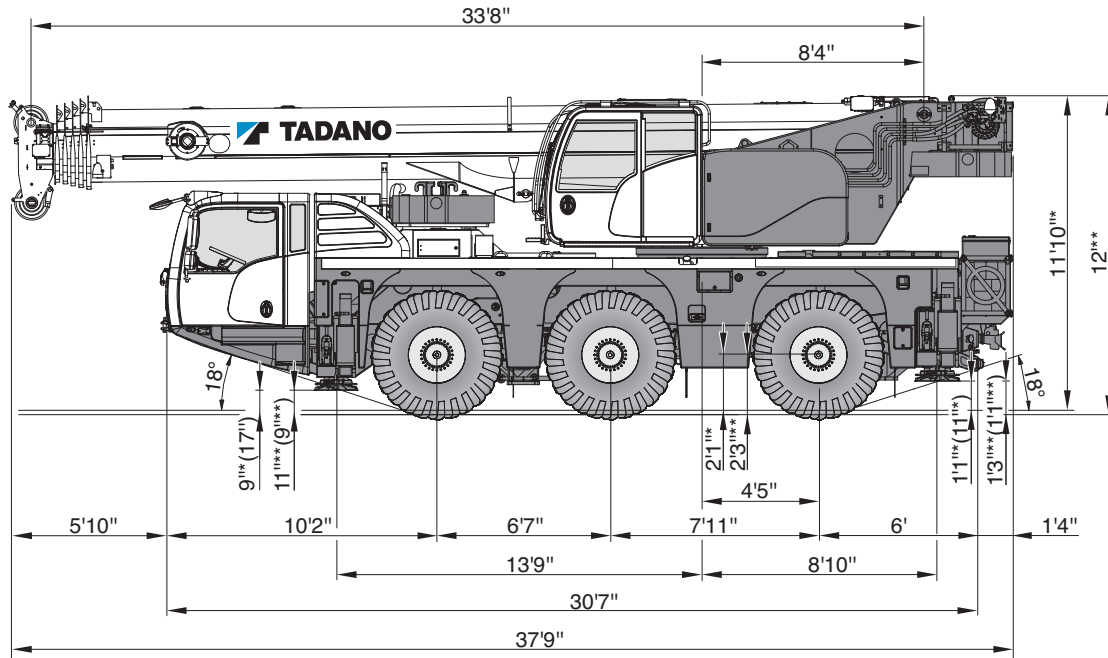
	Counterweight		Dolly
	Lifting capacities on outriggers · 360°		Working speeds
	Radius		Slewing
	Main boom		Max. line pull
	Runner		Rope diameter
	Max. axle loads		Rope length
	Mechanism		Hook block
	Tires		Number of lines
	Hook block		Possible load of hook block
	Hoist		Weight of hook block
	Travel speed		Distance head sheave axle – hook ground
	Gradeability		Number of sheaves in hook block
	Off road / On road		Max. outrigger load
	Boom telescoping		Length of stroke (support cylinders)
	Boom elevation		Payload incl. rear storage box

GENERAL TECHNICAL DATA



General

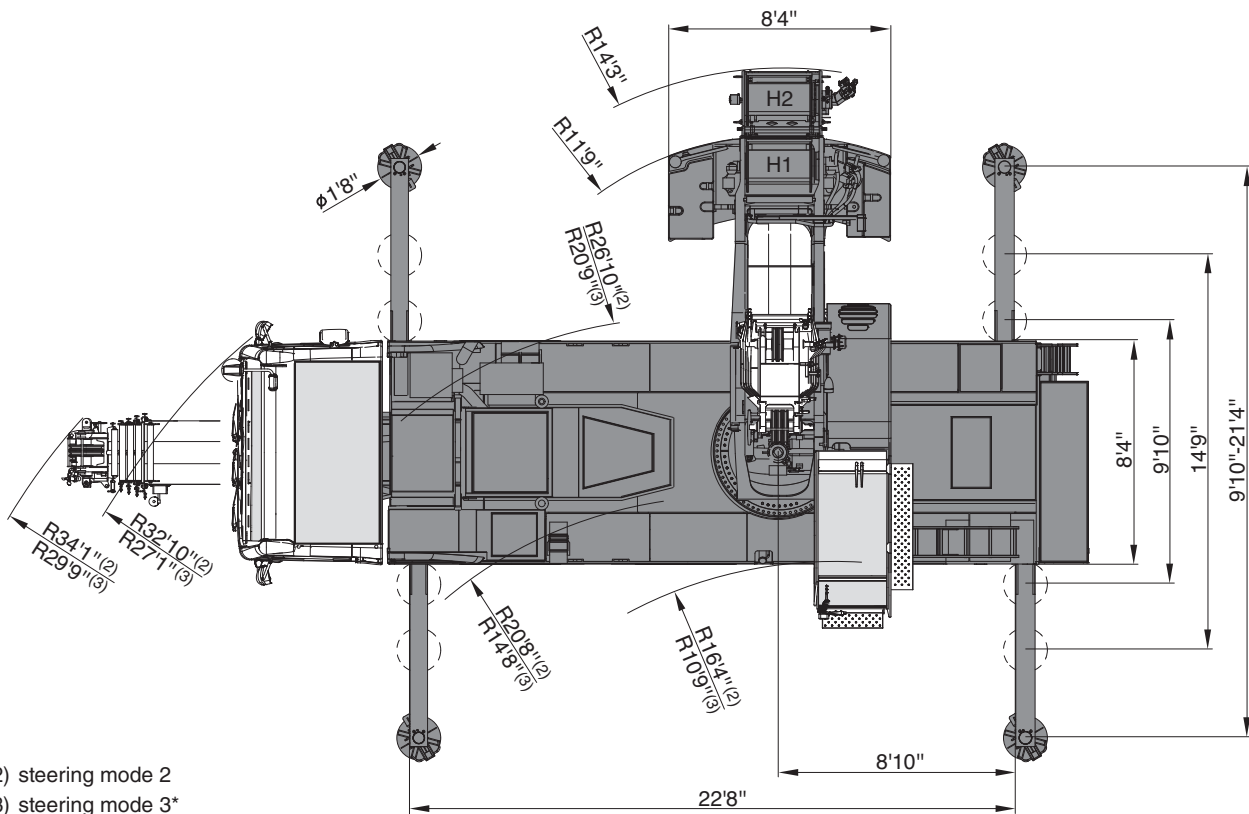
Vehicle dimensions



(...) Equipped with polyamide outrigger pads

*  385/95R25

445/95R25

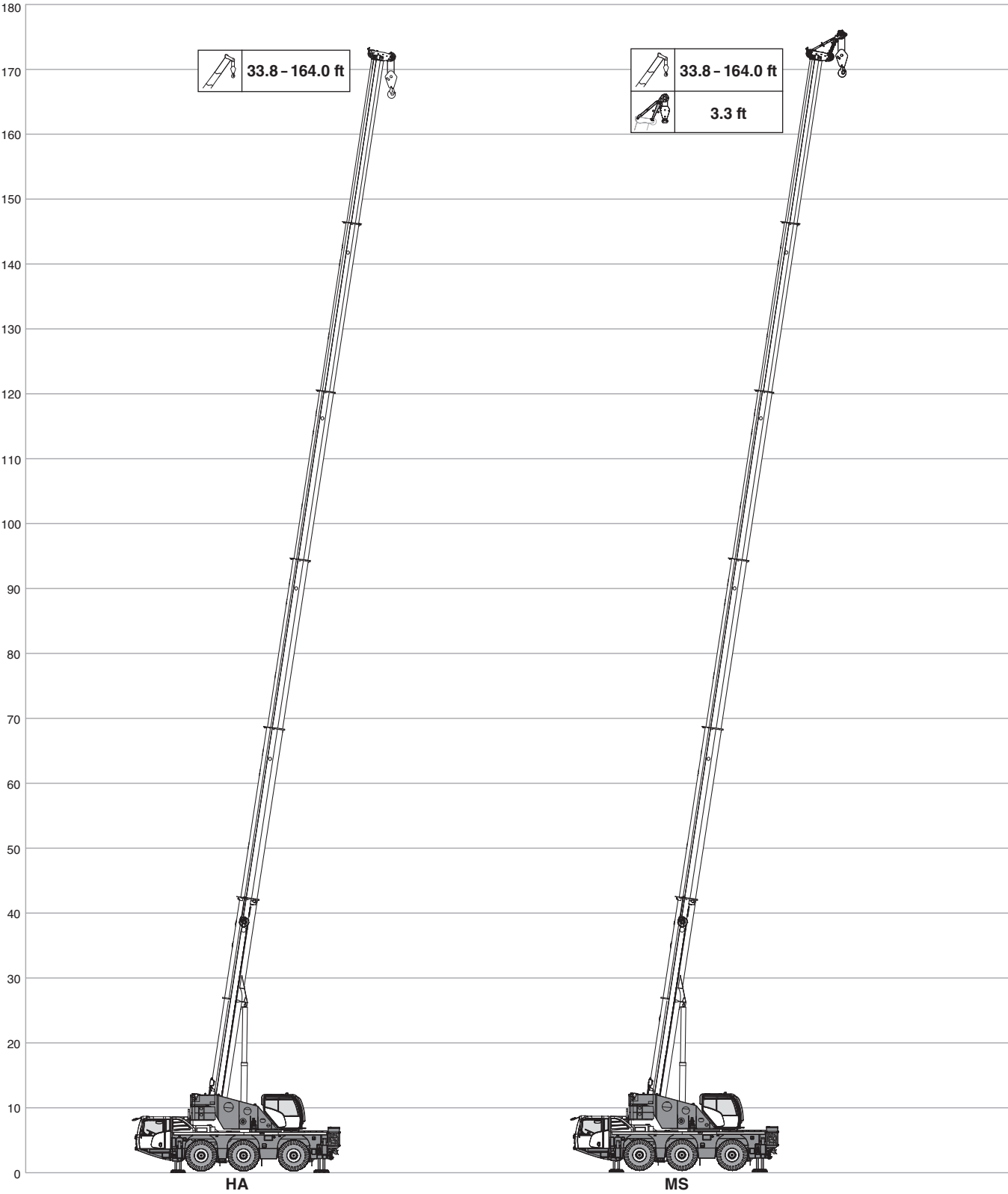


(2) steering mode 2

(3) steering mode 3*

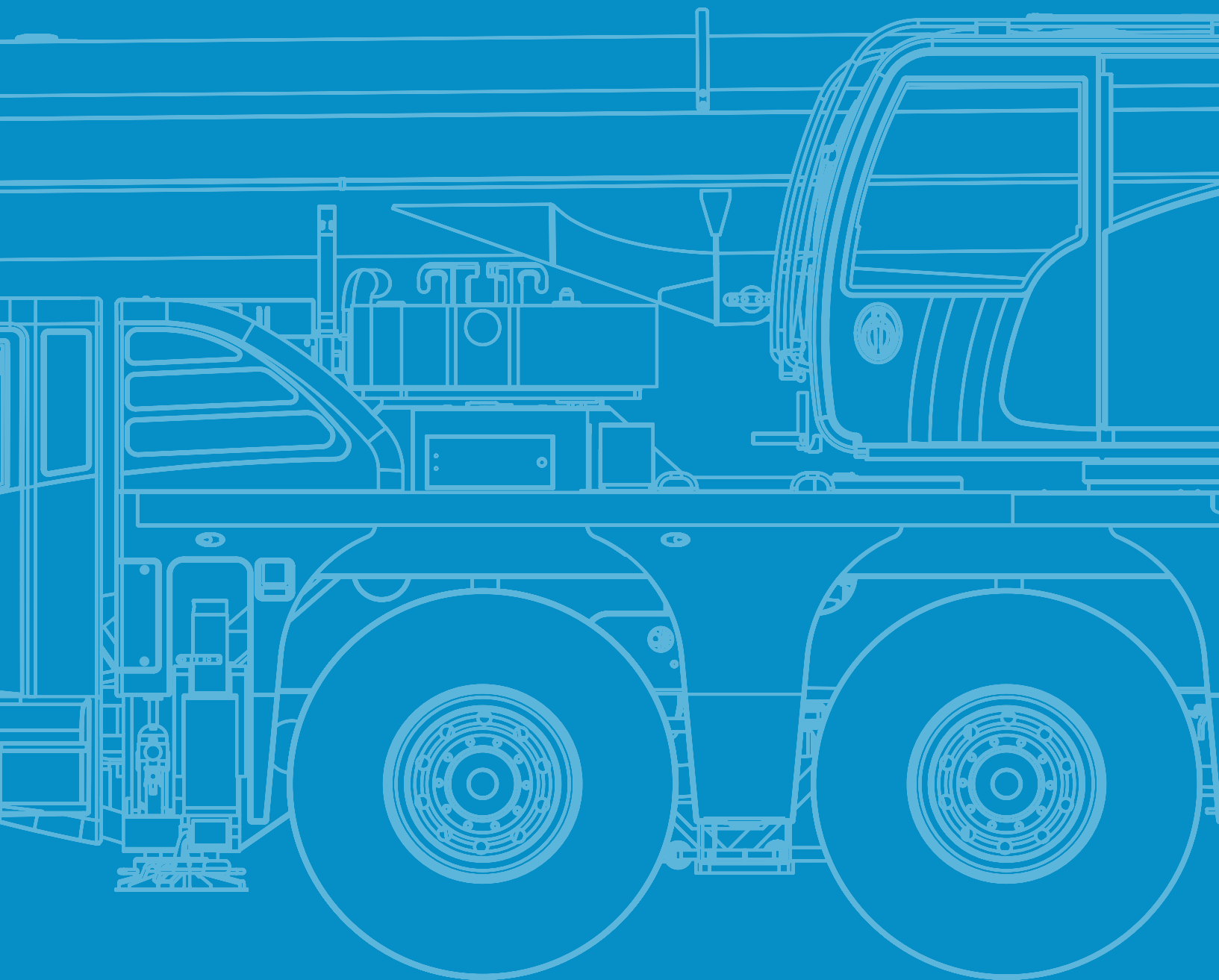
General

Boom Combinations



Notes

TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING

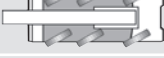


On-road and off-road driving

Axle loads							
	Total						
< 20,000 lbs	On request!						X
< 22,050 lbs	< 66,100 lbs	6 x 4 x 6	385/95R25	—	2,400 lbs	880 lbs	—
< 26,500 lbs	< 79,400 lbs	6 x 6 x 6	445/95R25	Vario 110,200 lbs	13,200 lbs	550 lbs	—

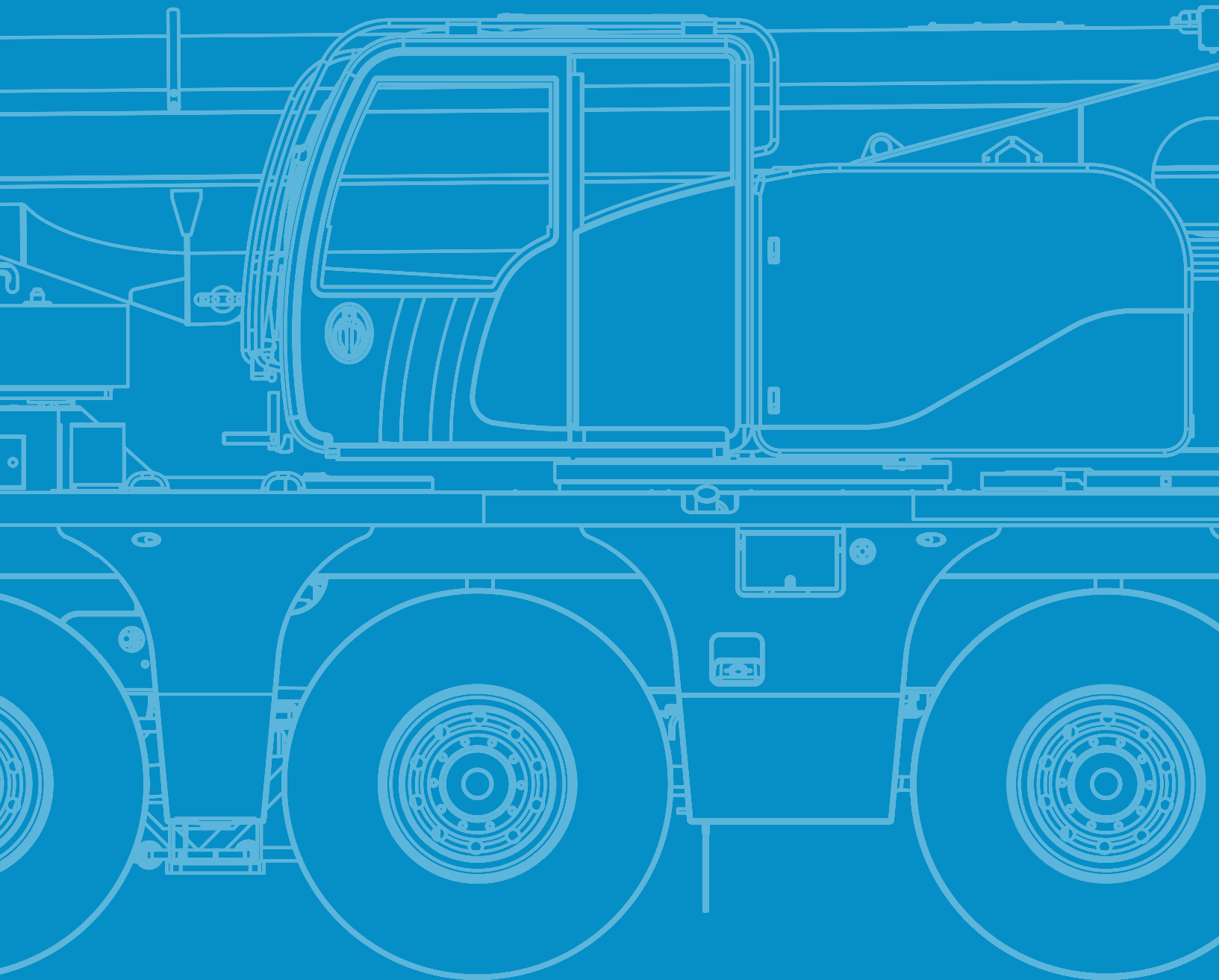
Speeds and gradeability			
	385/95 R 25 14.00 R 25	445/95 R 25 16.00 R 25	525/80 R 25 20.50 R 25
 %	47 %	42 %	42 %
 %	> 70 %	> 60 %	> 60 %
	52.8 mph ¹⁾		

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

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

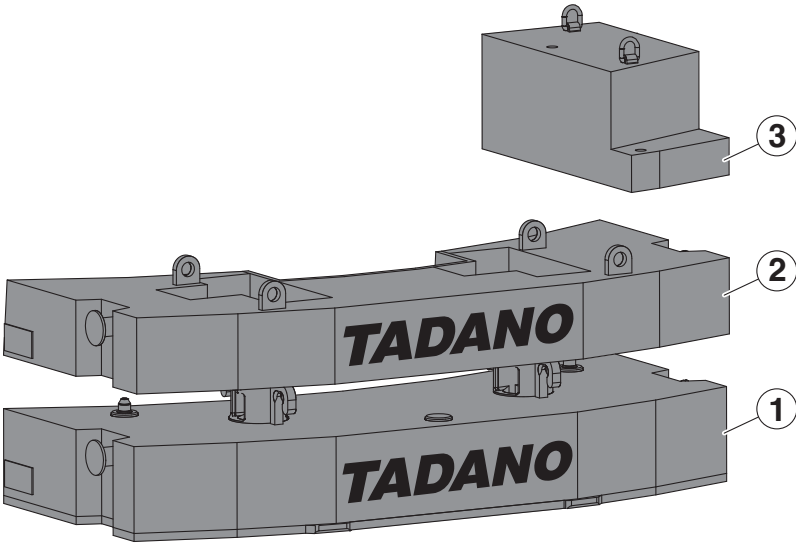
* must be activated

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight

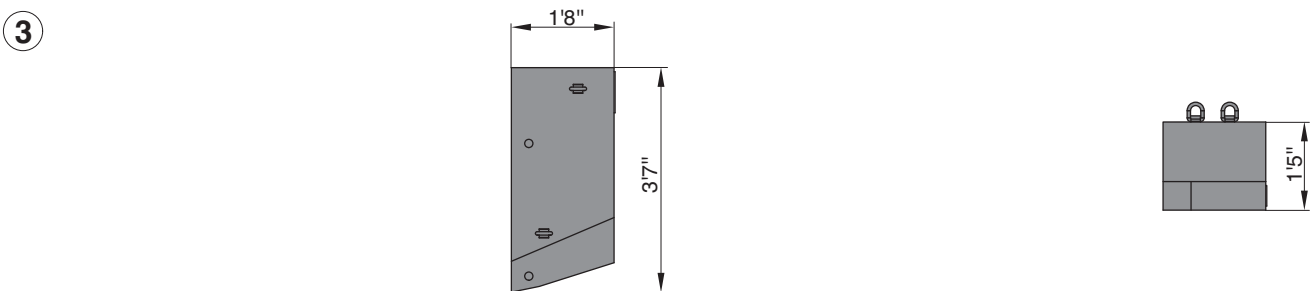
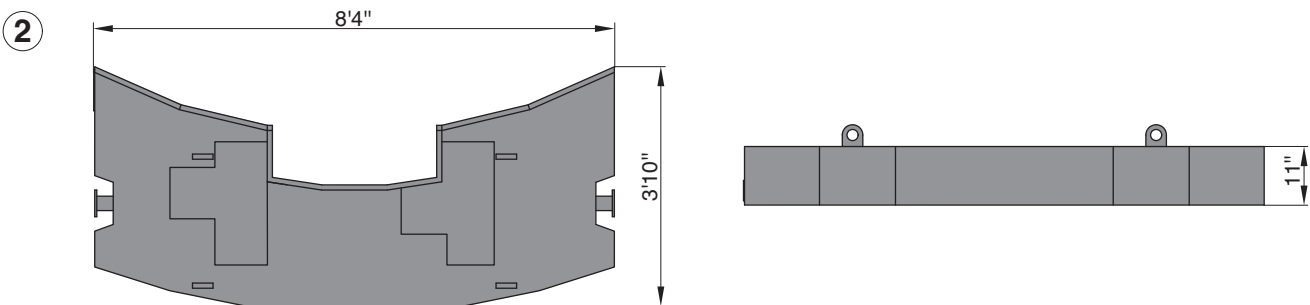
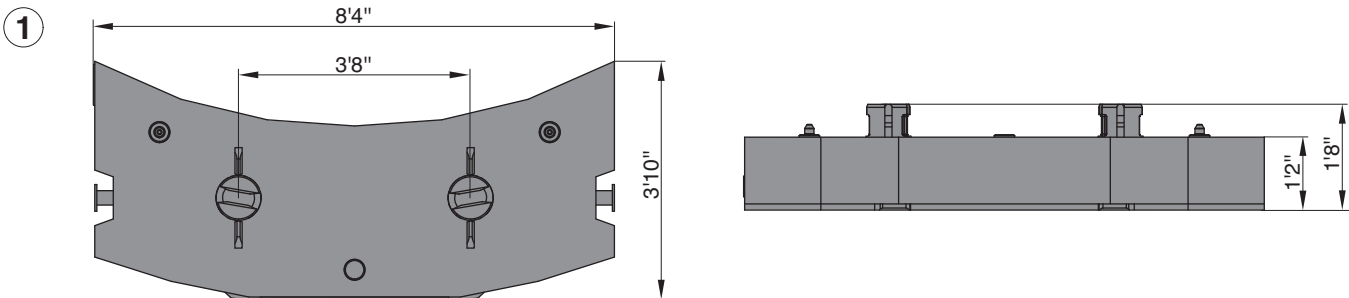


Configurations

	2,400 lbs	4,200 lbs	6,600 lbs	6,600 lbs	9,000 lbs	10,800 lbs	13,200 lbs
① 6,600 lbs				1	1	1	1
② 4,200 lbs		1	1			1	1
③ 2,400 lbs	1		1		1		1

Transportation

Counterweight

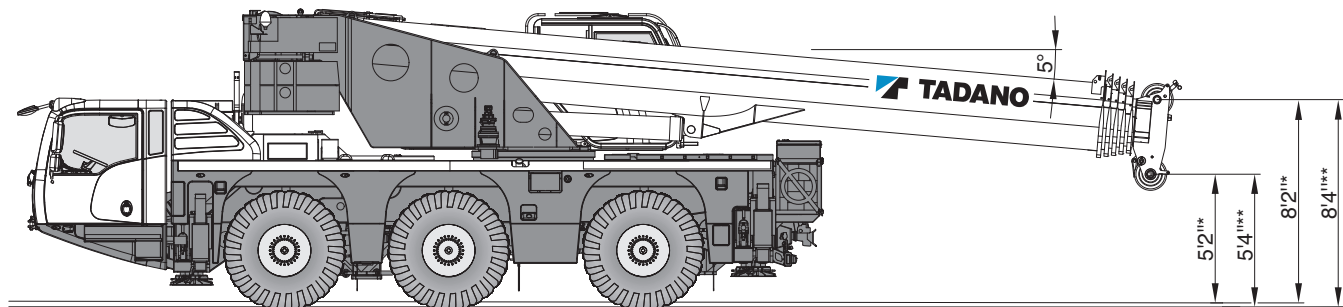
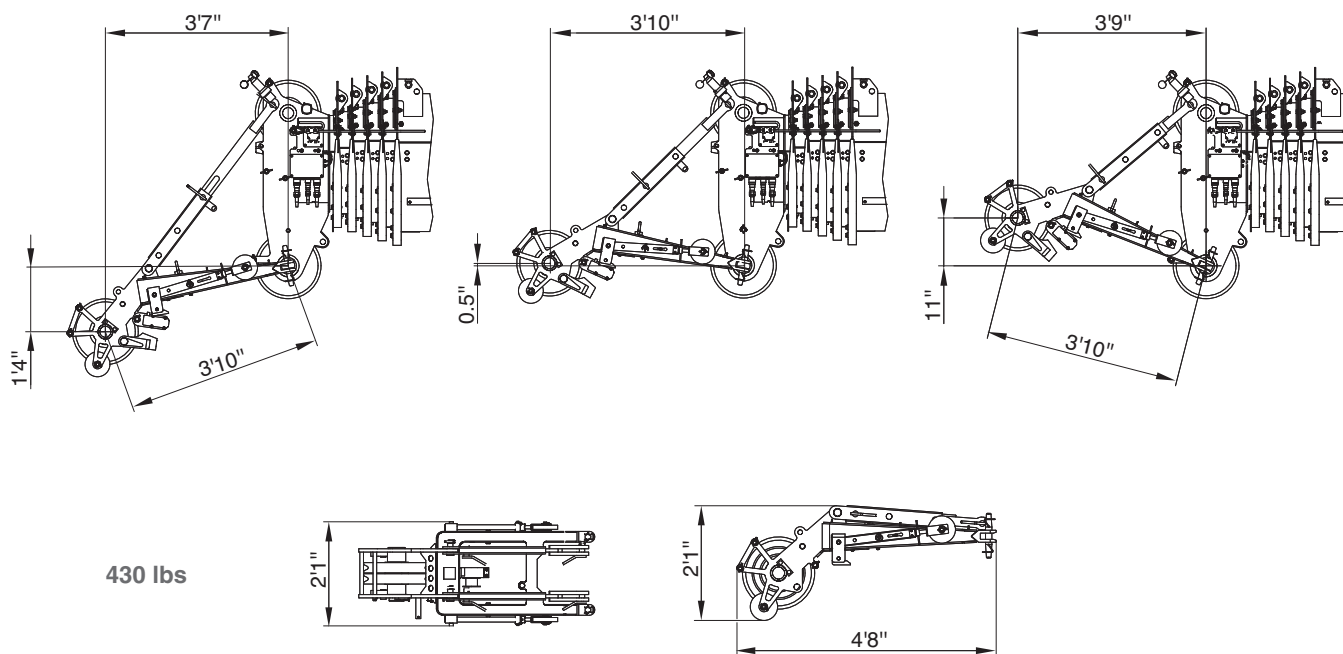


When using H2, counterweight ③ is not applicable

Transportation

Jib

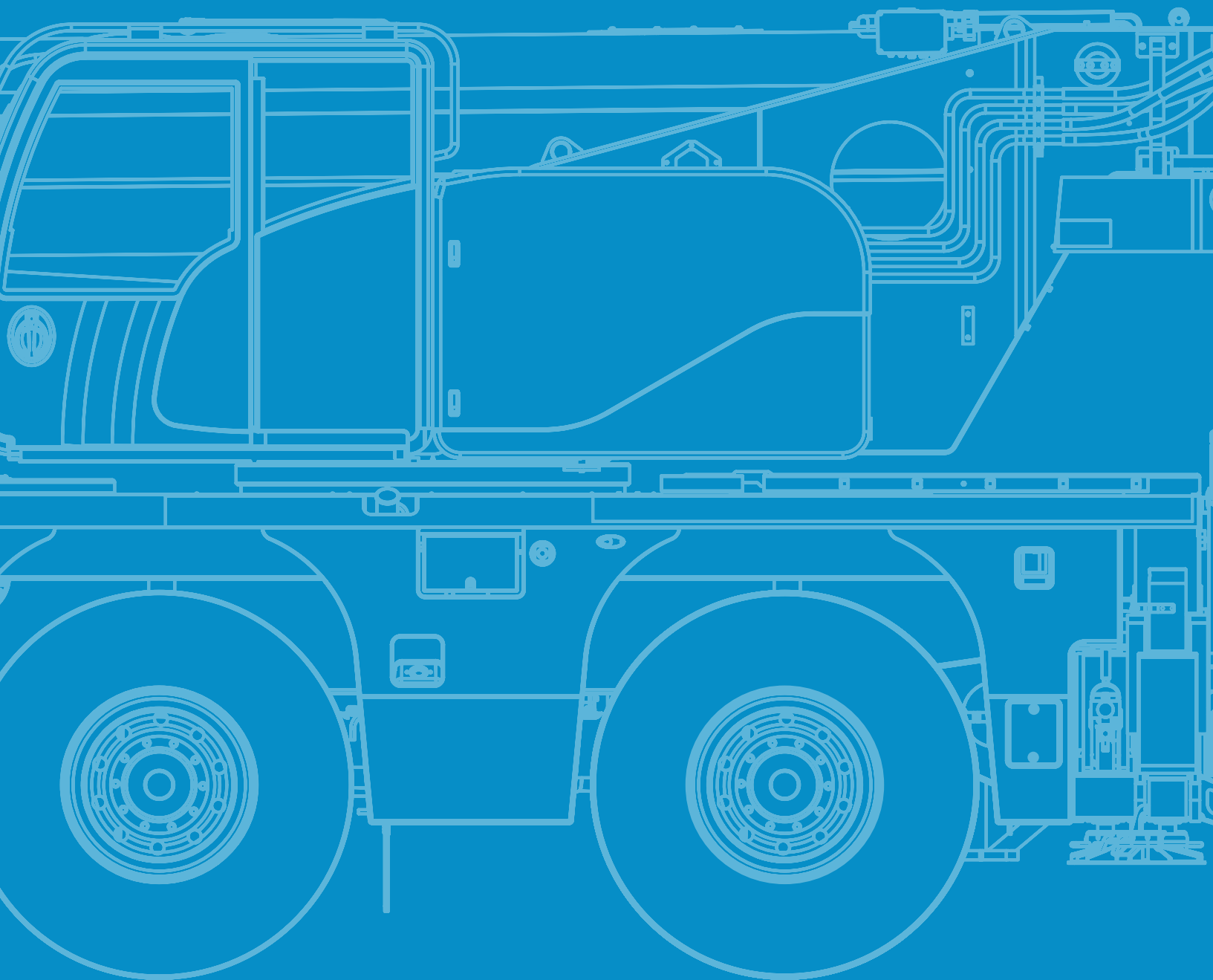
MS



* 385/95R25

** 445/95R25

TECHNICAL DATA FOR OPERATION



Notes

Operation

Main boom



approx. 490 s (33.8 - 164.0 ft)



approx. 50 s (-5° - 82°)

Slewing

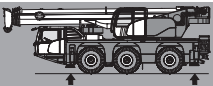


1,80 min⁻¹

Hoist

				
1	393.7 ft/min	15,040 lbf	0.72"	656 ft
2	393.7 ft/min	15,040 lbf	0.72"	656 ft

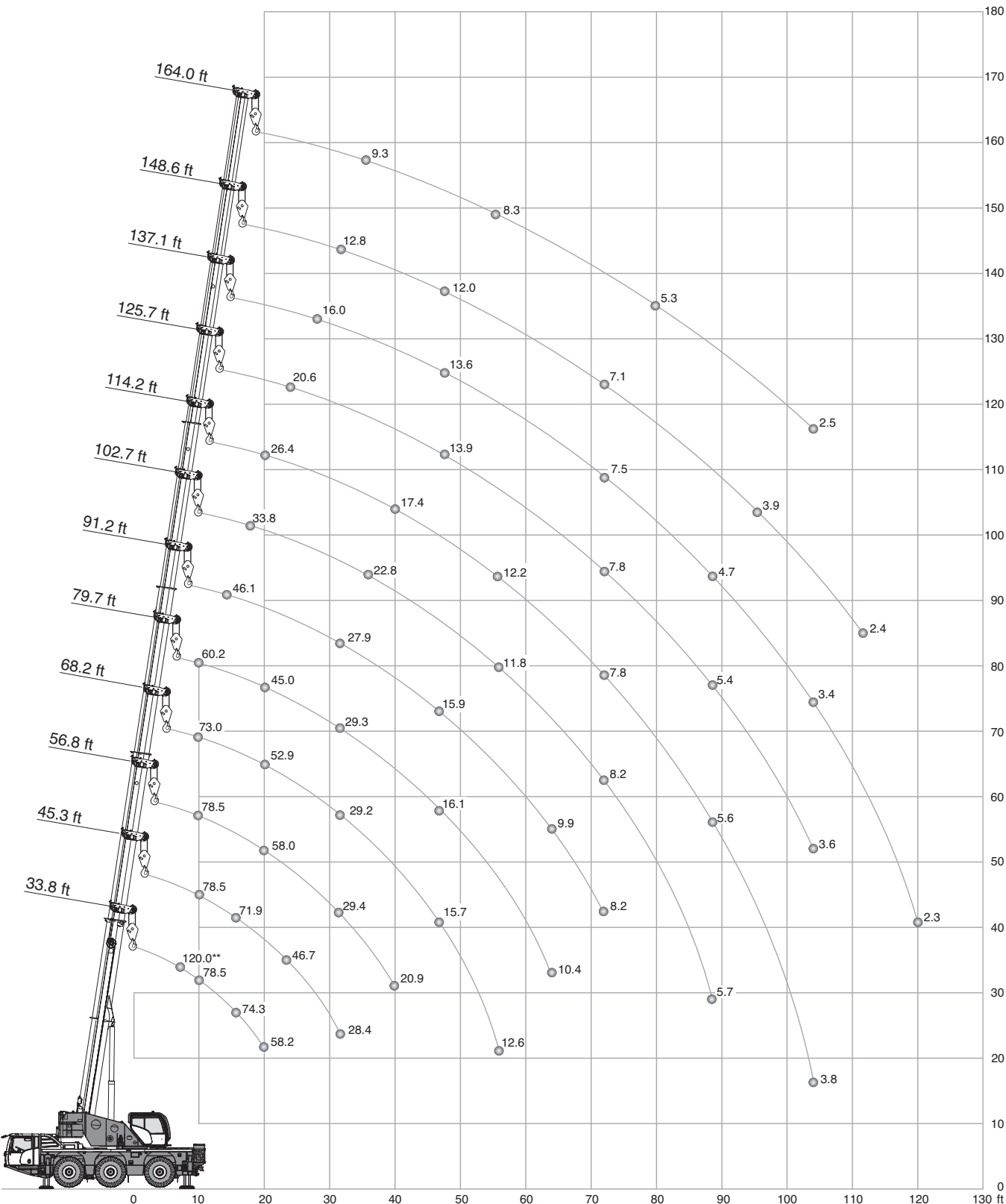
Outrigger cylinders

		
 Max.	70,600 lbs	88,200 lbs
	2'-1.5"	2'-4"

Hook Blocks



					
17,600 lbs	14,500 lbs	—	1	375 lbs	3.3 ft
44,100 lbs	43,600 lbs	1	3	660 lbs	5.9 ft
110,200 lbs	78,500 lbs	3	6	1,320 lbs	5.9 ft



** Max. crane capacity – with additional special equipment

 13,200 lbs		 22.6 ft x 21.3 ft		360°		ASME B30.5								
 	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 lbs													ft
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 lbs		 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 lbs												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 lbs												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 lbs		 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 lbs													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 lbs													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 lbs		 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 lbs													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	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	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	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	41.6	20	
24	-	-	35.3	42.4	36.4	41.0	35.5	40.3	33.2	39.3	30.6	36.8	36.8	24	
28	-	-	27.5	32.4	28.2	32.9	28.2	32.3	27.0	32.5	25.4	30.4	30.4	28	
32	-	-	21.8	26.4	22.4	27.2	22.4	27.0	21.9	26.7	22.3	25.4	25.4	32	
36	-	-	-	-	18.7	22.8	18.6	22.7	19.0	22.4	18.9	21.5	21.5	36	
40	-	-	-	-	15.5	19.0	16.2	19.0	16.2	18.9	15.7	19.2	19.2	40	
48	-	-	-	-	-	-	12.2	14.5	12.0	14.9	12.0	14.5	14.5	48	
56	-	-	-	-	-	-	9.4	11.8	9.5	11.6	9.4	11.3	11.3	56	
64	-	-	-	-	-	-	-	-	7.6	9.4	7.4	9.3	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	6.0	8.0	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	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	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 lbs													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	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	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	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	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	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	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	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	3.8	88
96	-	4.0	2.4	4.2	2.1	4.0	2.2	4.0	-	3.6	-	3.0	3.0	96
104	-	-	1.8	3.6	-	3.2	-	3.2	-	2.7	-	2.3	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 lbs		 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 lbs													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	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	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	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	41.6	20	
24	-	-	25.4	42.4	26.0	41.0	26.0	40.3	25.5	39.3	24.8	36.8	36.8	24	
28	-	-	19.6	32.4	20.1	32.9	20.7	32.3	20.8	32.5	20.3	30.4	30.4	28	
32	-	-	15.7	26.4	16.5	27.2	17.0	27.0	16.8	26.7	16.7	25.4	25.4	32	
36	-	-	-	-	13.9	22.8	14.3	22.7	14.3	22.4	14.4	21.5	21.5	36	
40	-	-	-	-	11.7	19.0	11.9	19.0	12.1	18.9	12.1	19.2	19.2	40	
48	-	-	-	-	-	-	8.9	14.5	9.1	14.9	9.1	14.5	14.5	48	
56	-	-	-	-	-	-	7.0	11.8	7.0	11.6	7.0	11.3	11.3	56	
64	-	-	-	-	-	-	-	-	5.6	9.4	5.6	9.3	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	4.4	8.0	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	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	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 lbs													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	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	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	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	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	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	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	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	3.8	88
96	-	4.0	1.9	4.2	1.7	4.0	1.7	4.0	-	3.6	-	3.0	3.0	96
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	2.3	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 lbs		 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 lbs											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	
ft	1,000 lbs											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	36
40	10.4	18.6	10.1	17.1	9.9	16.7	9.7	15.1	8.9	12.3	8.0	40
48	7.8	13.9	7.5	14.1	7.2	13.0	7.2	12.9	6.7	11.8	5.6	48
56	5.9	11.4	5.7	10.9	5.5	10.4	5.5	10.5	4.8	10.2	3.8	56
64	4.6	9.3	4.2	8.8	4.0	8.9	4.2	8.5	3.5	8.1	2.6	64
72	3.6	7.5	3.3	7.5	3.1	7.3	3.1	6.9	2.4	6.6	1.6	72
80	2.8	6.2	2.6	6.2	2.3	6.0	2.3	5.4	-	5.5	-	80
88	2.2	5.3	1.9	5.0	-	4.8	-	4.7	-	4.4	-	88
96	-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	96
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	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 lbs		 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 lbs												ft
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° 102.7ft	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 lbs												ft
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	36	
40	9.5	18.6	9.3	17.1	9.0	16.7	8.8	15.1	8.0	12.3	7.1	40	
48	7.0	13.9	6.8	14.1	6.6	13.0	6.6	12.9	5.7	11.8	4.7	48	
56	5.4	11.4	5.0	10.9	4.8	10.4	4.8	10.5	4.0	10.2	3.2	56	
64	4.0	9.3	3.7	8.8	3.5	8.9	3.5	8.5	2.9	8.1	2.0	64	
72	3.1	7.5	2.9	7.5	2.7	7.3	2.4	6.9	1.8	6.6	-	72	
80	2.3	6.2	2.1	6.2	-	6.0	-	5.4	-	5.5	-	80	
88	1.8	5.3	-	5.0	-	4.8	-	4.7	-	4.4	-	88	
96	-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	96	
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	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 lbs		 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 lbs												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° 102.7ft	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 lbs												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 lbs		 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 lbs													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° 102.7ft	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 lbs													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 lbs		 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 lbs											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° 102.7ft	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 lbs											ft	
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
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
48	4.7	13.9	4.3	14.1	4.0	13.0	3.6	12.9	2.7	11.8	-	8.7	48
56	3.3	11.4	3.1	10.9	2.6	10.4	2.4	10.5	-	10.2	-	8.3	56
64	2.4	9.3	2.1	8.8	-	8.9	-	8.5	-	8.1	-	7.5	64
72	1.6	7.5	-	7.5	-	7.3	-	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

 6,600 lbs		 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 lbs												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° 102.7ft	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 lbs												ft
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

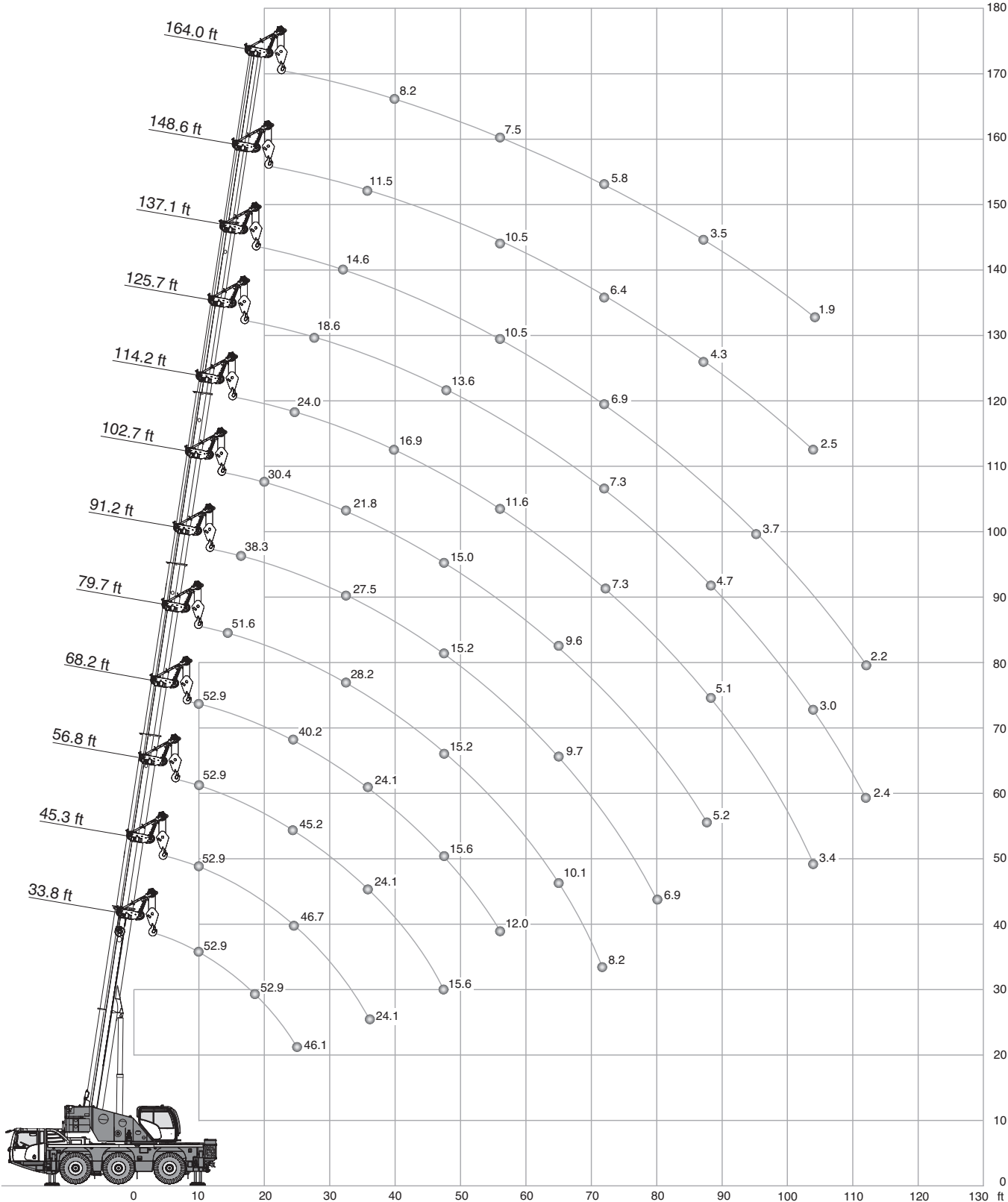
 2,400 lbs		 22.6 ft x 9.8 ft		360° / Max.*								ASME B30.5		
		360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	
ft	1,000 lbs													ft
10	39.2	78.5	37.3	78.5	34.9	78.5	32.0	73.0	29.6	60.2	-	-	-	10
12	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 lbs													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

Notes



 13,200 lbs		 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 lbs													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 lbs		 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 lbs													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 lbs		 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 lbs													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 lbs		 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 lbs													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

Operation

MS

 13,200 lbs		 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 lbs											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	40
48	-	-	8.3	8.8	8.9	8.8	8.7	8.3	8.0	8.0	7.6	48
56	-	-	-	6.8	6.8	6.8	6.6	6.3	6.1	6.1	5.5	56
64	-	-	-	-	5.4	5.2	5.1	4.8	4.6	4.6	4.0	64
72	-	-	-	-	4.2	4.2	4.0	3.8	3.6	3.6	2.9	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 lbs		 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 lbs											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	40
48	-	-	6.9	7.6	7.6	7.6	7.4	7.2	6.9	6.9	6.1	48
56	-	-	-	5.7	5.9	5.7	5.7	5.2	5.0	5.0	4.1	56
64	-	-	-	-	4.5	4.4	4.2	4.0	3.7	3.6	2.9	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

Operation

MS

 6,600 lbs		 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 lbs												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 lbs		 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 lbs											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 lbs		 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 lbs											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 lbs		 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 lbs											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
	8.6	5.3	3.5	2.4	-	-	-	-	-	-	-	-	1)

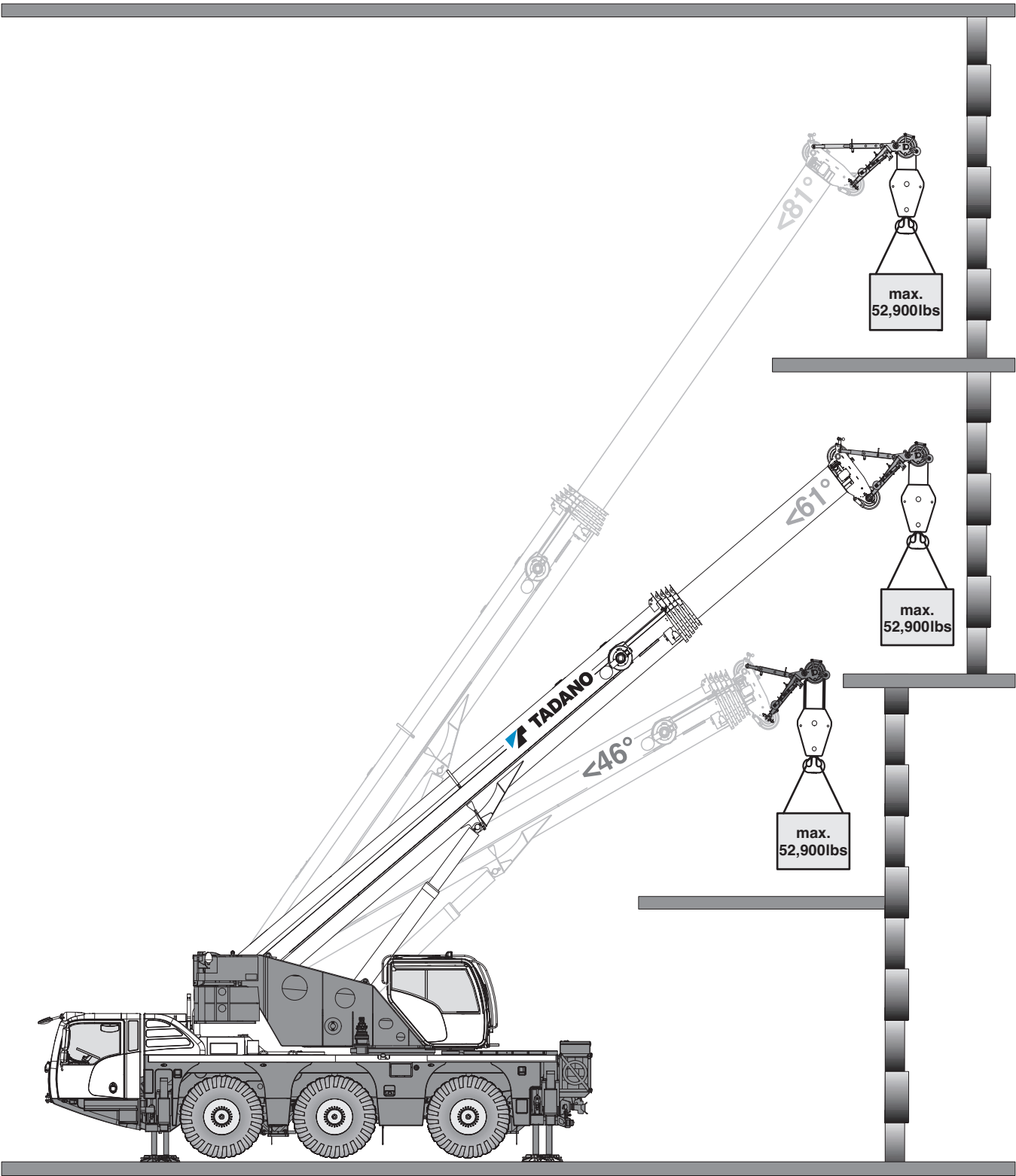
1) Capacities with horizontal boom

 6,600 lbs		 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 lbs													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 lbs		 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 lbs													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

Runner



Notes to Lifting Capacity

Ratings are in compliance with ASME B30.5.

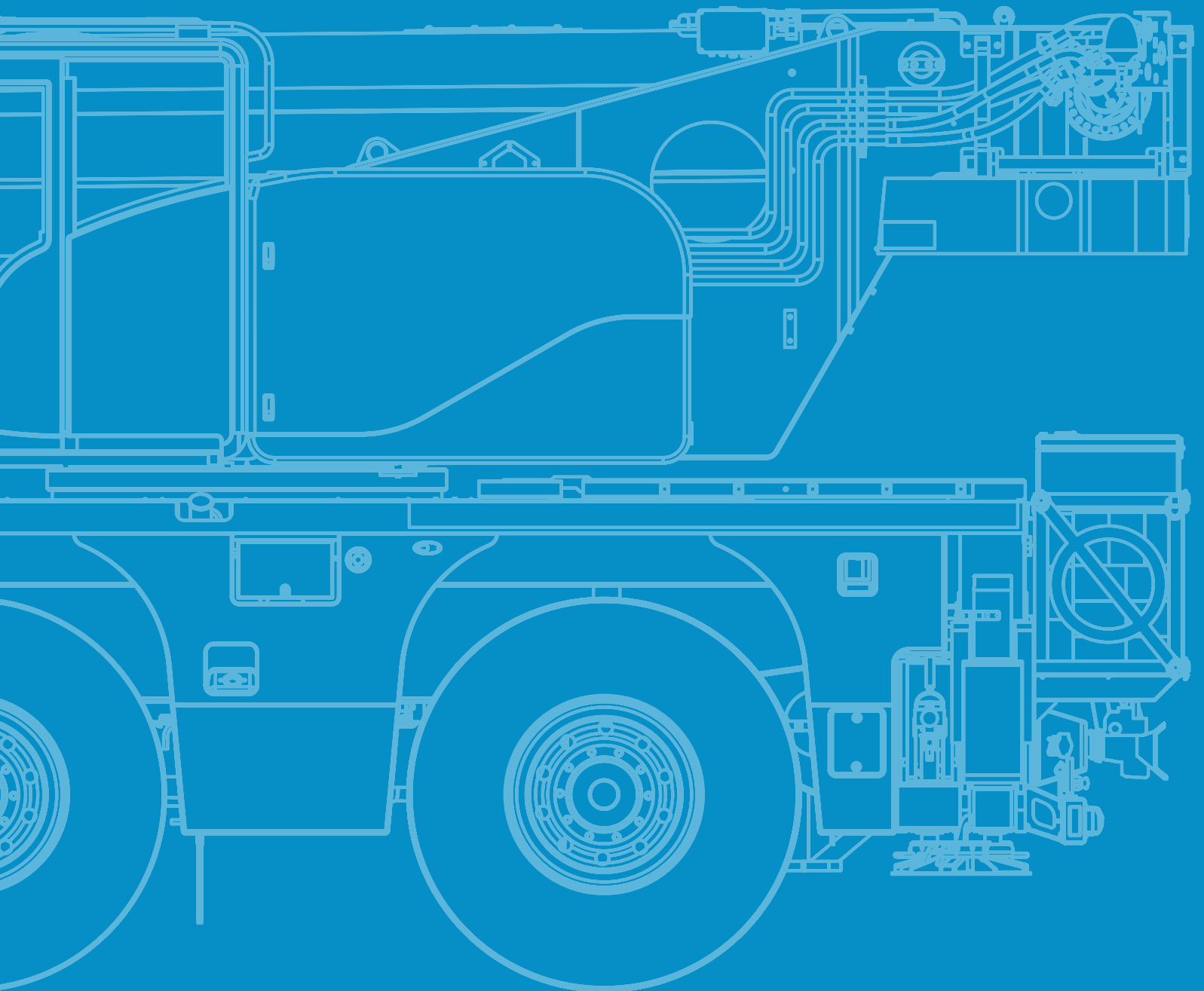
Lifting capacities do not exceed 85 % of tipping load.

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.

TECHNICAL DESCRIPTION



Technical Description

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	All 3 axles steered, axles 1 and 3 driven and equipped with selectable transverse lock.
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.
Tires	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7".
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; Aircondition.
Drive lights	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
Central lubrication	Automatic central lubrication system for the lubricating points at the carrier.
Outriggers	H-4-Point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 3 outrigger bases: 9.8 ft, 14.8 ft and 21.3 ft. 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	For self-filling of the wheels.

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 lbs.
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 lbs	3 pieces (①-③); Automatic rigging system; Fully roadable in 26,500 lbs 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.
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, Tadano telematic system.
Working range limiter	Displaying and programmability of the work range limits 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; Aircondition.
Central lubrication	Automatic central lubrication system for the lubricating points at the superstructure.

Technical Description

Additional equipment

Carrier

Engine 260-3	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 certificate.
Axles 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)	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.

Extensions

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

Hook Blocks

Vario hook block 110,200 lbs 3-sheaves	Max. capacity 78,500 lbs; 660 lbs – 1,320 lbs; Adjustable ballast and double hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Vario hook block 110,200 lbs 3-sheaves	Max. capacity 78,500 lbs; 660 lbs – 1,320 lbs; Adjustable ballast and single hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Hook block 44,100 lbs, 1-sheave	Max. capacity 43,600 lbs; 660 lbs; Single hook, red with white signal stripes.
Hook 17,600 lbs	Max. capacity 14,500 lbs; 375 lbs; Single hook, red.

Further additional equipment on request!

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

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Reaching new heights

