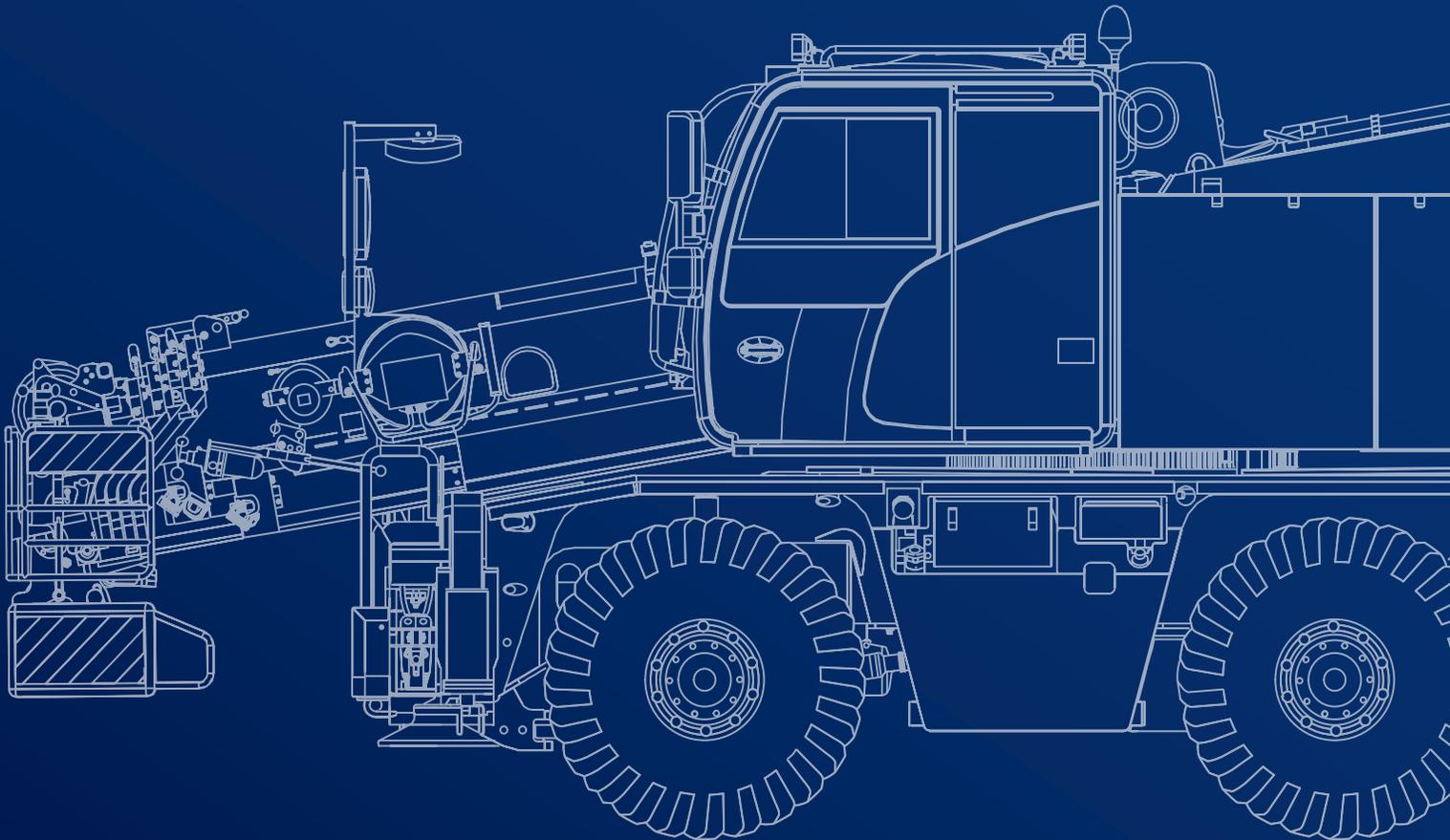


AC 3.045-1 City

50 US TON MAX. CRANE CAPACITY



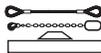
July 2022. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings 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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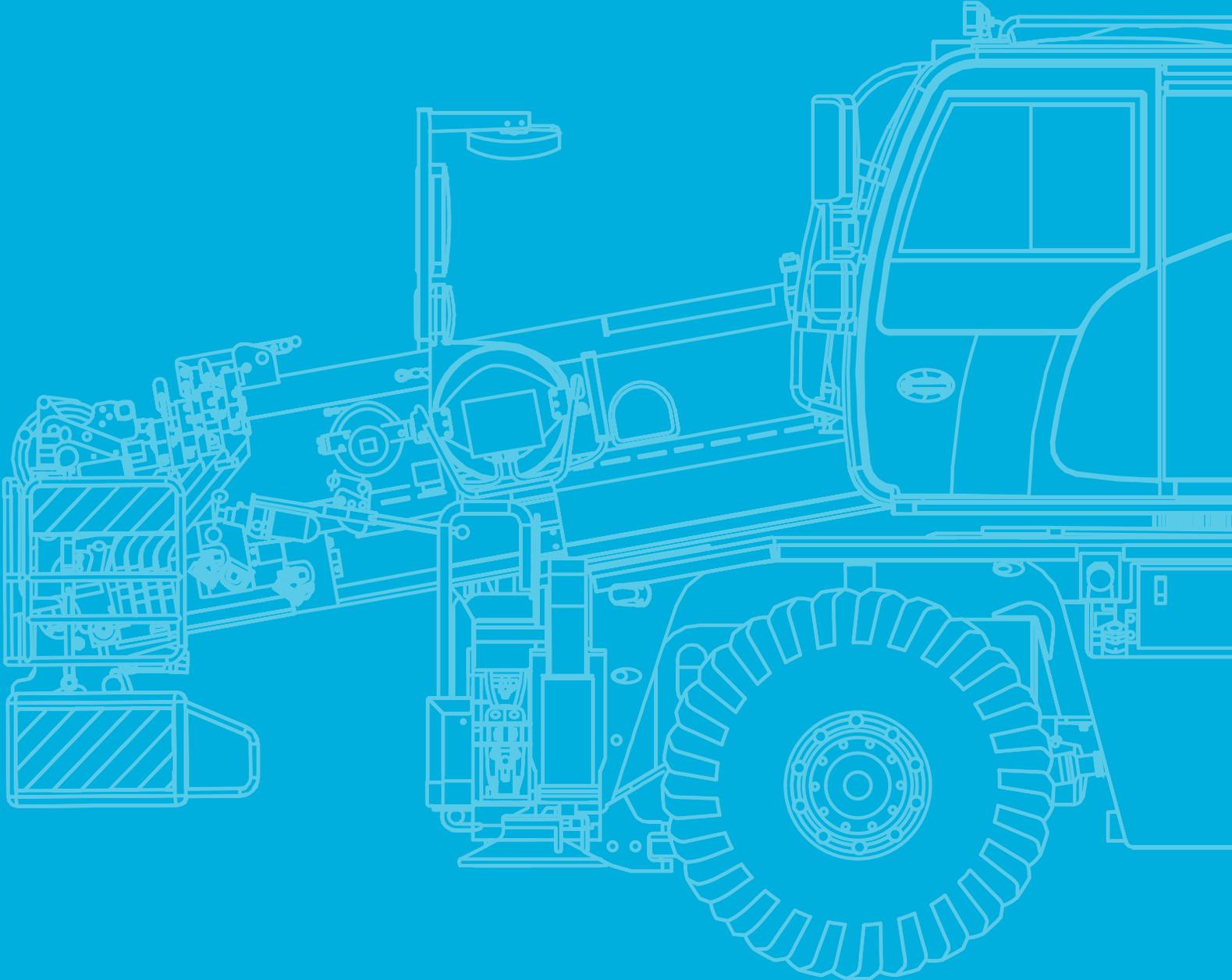
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Key

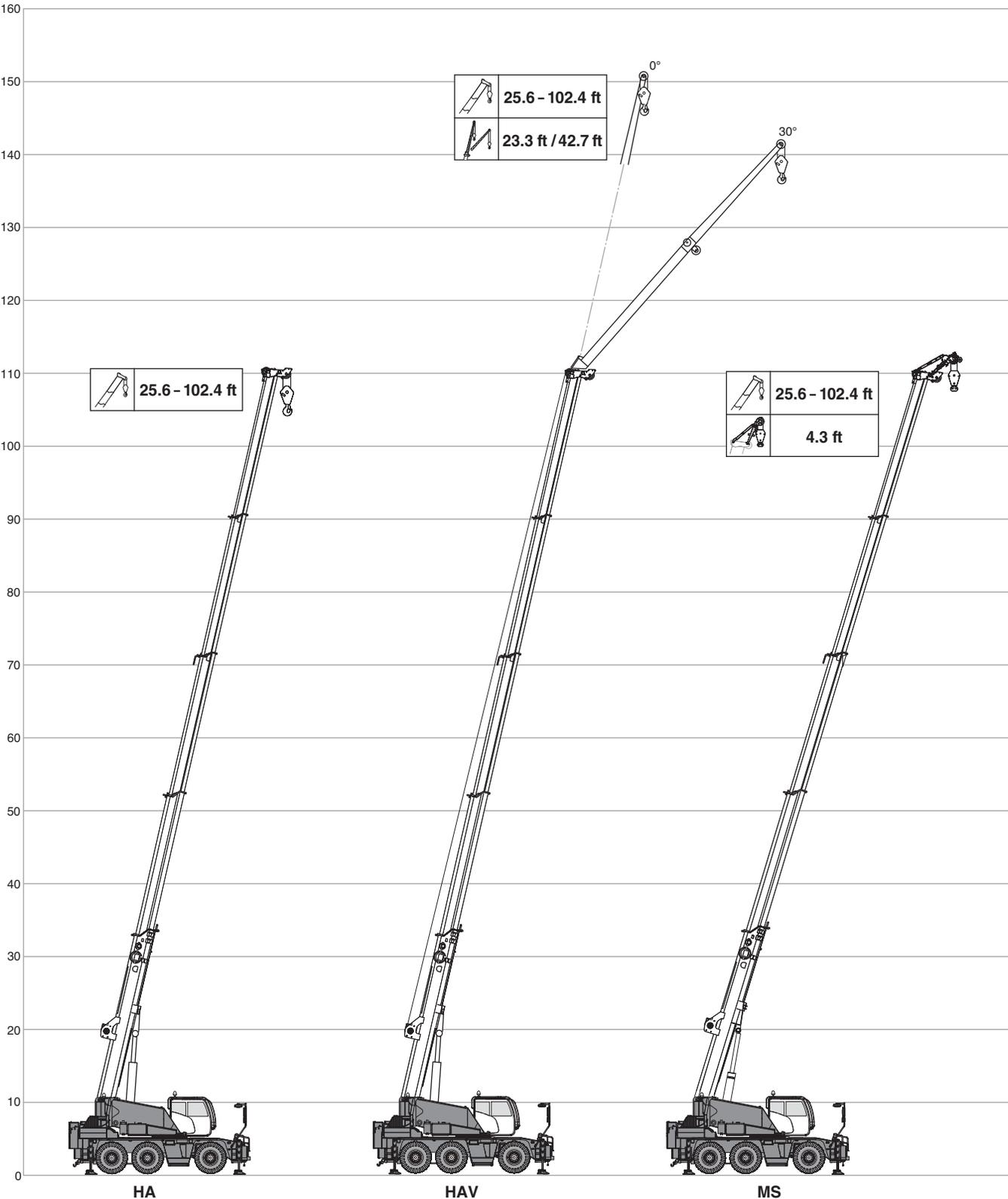
	Counterweight		Boom telescoping
	Lifting capacities on outriggers · 360°		Boom elevation
	Radius		Working speeds
	Main boom		Slewing
	Folding swing-away jib		Max. line pull
	Runner		Rope diameter
	Free on wheels		Rope length
	Max. axle loads		Hook block
	Mechanism		Number of lines
	Tires		Possible load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

GENERAL TECHNICAL DATA

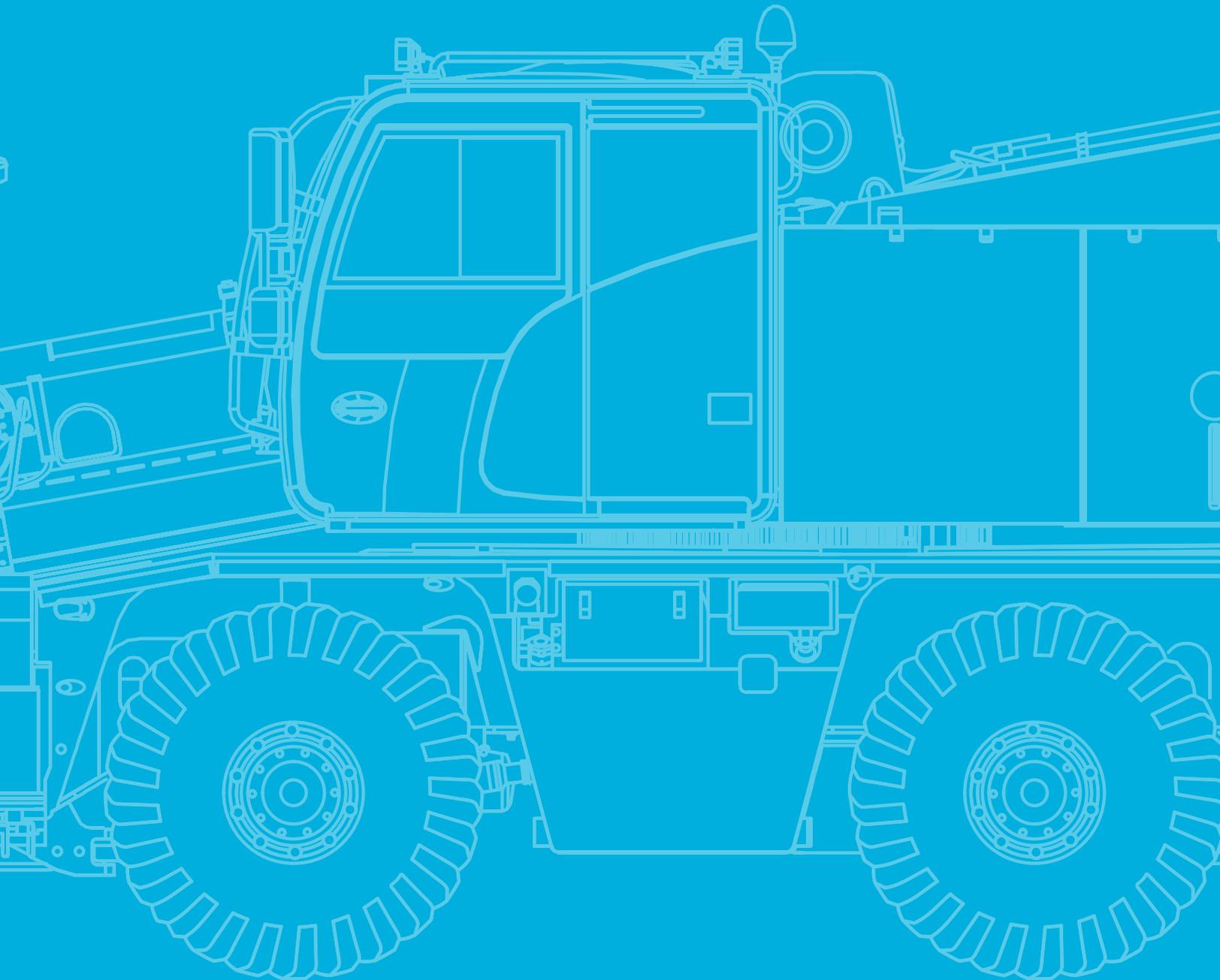


General

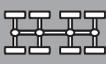
Boom combinations



TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING

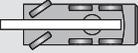
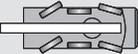
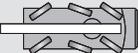


On-road and off-road driving

Axle loads									
	Total								
< 22,050 lbs	< 57,300 lbs	6 x 6 x 6	385/95R25	102.4 ft	–	–	–	–	–
< 22,050 lbs	< 66,100 lbs	6 x 6 x 6	385/95R25	102.4 ft	70,600 lbs	6,400 lbs	–	X	–
< 26,500 lbs	< 75,000 lbs	6 x 6 x 6	385/95R25	102.4 ft	70,600 lbs	11,700 lbs	42.7 ft	X	880 lbs

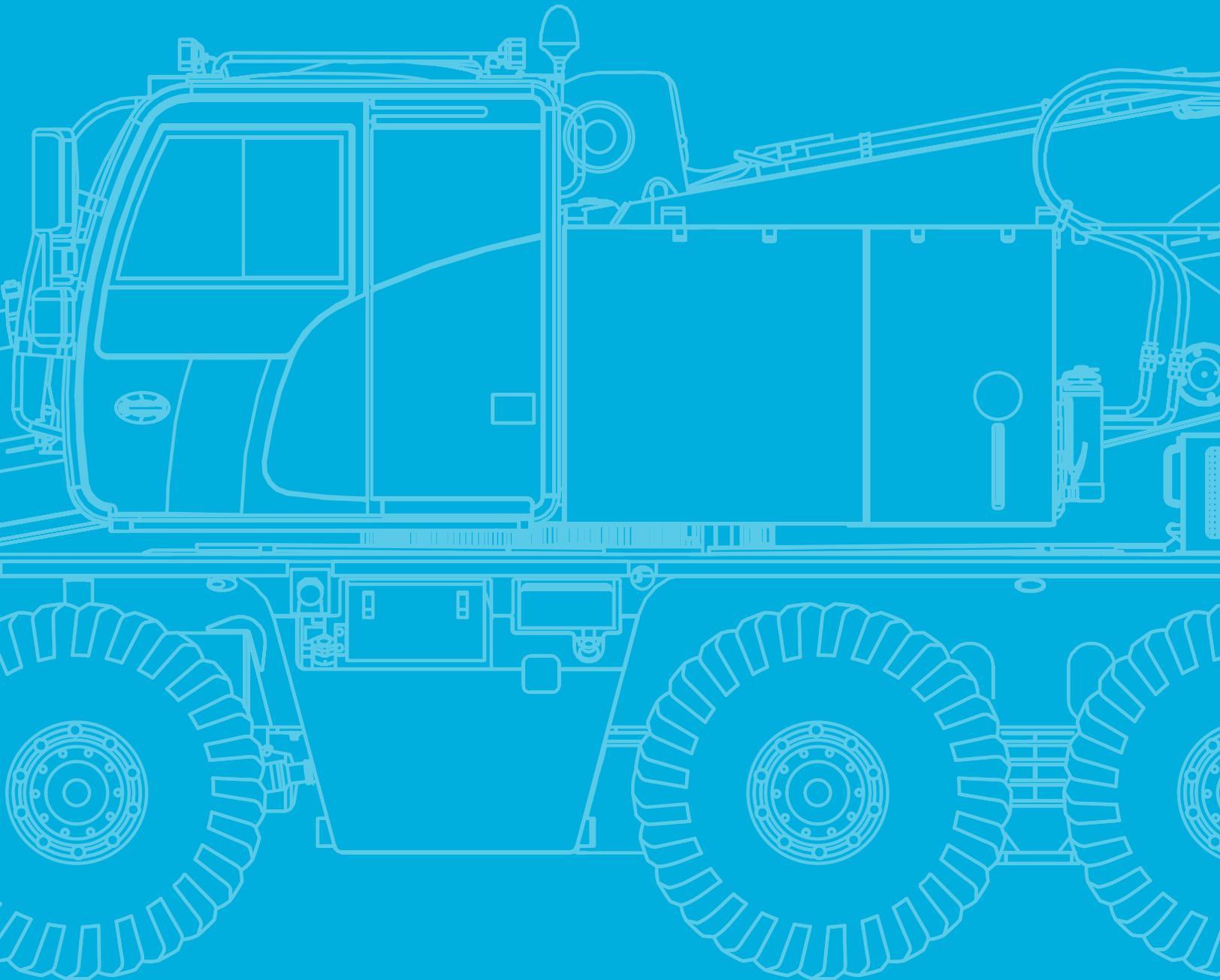
Speeds and gradeability		
	445/65 R 22.5 18.00 R 22.5	385/95 R 25 14.00 R 25
 %	35 %	29 %
 %	> 80 %	70 %
	49.7 mph ¹⁾	

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* Manually steered

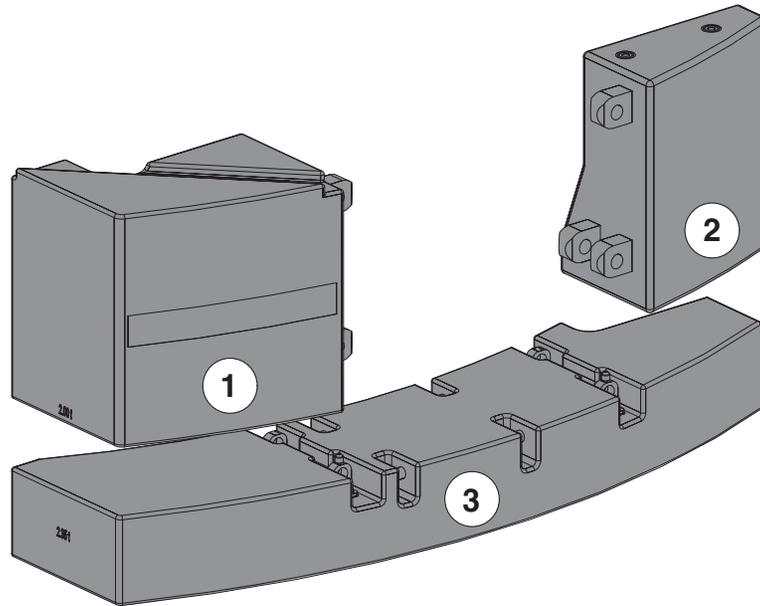
* must be activated

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight

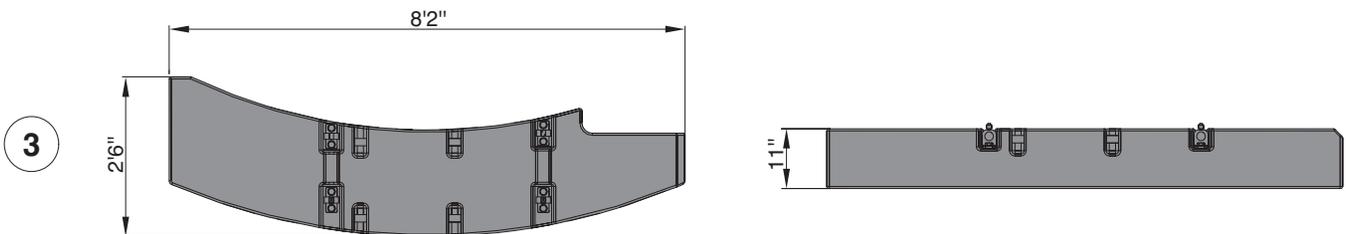
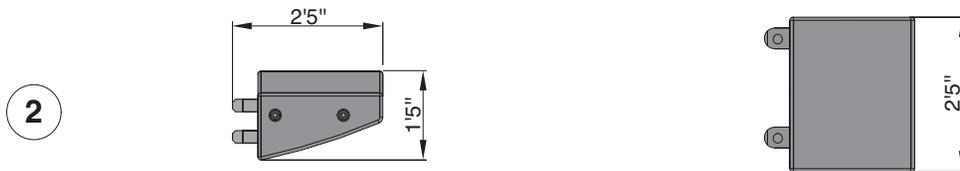
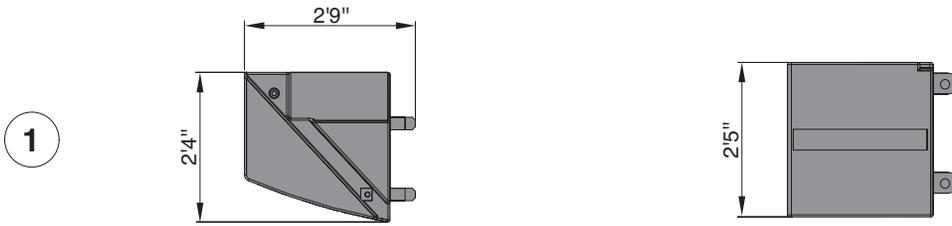


Configurations

	2,000 lbs	4,400 lbs	5,300 lbs	6,400 lbs	7,300 lbs	9,700 lbs	11,700 lbs
① 4,400 lbs		1		1		1	1
② 2,000 lbs	1			1	1		1
③ 5,300 lbs			1		1	1	1

Transportation

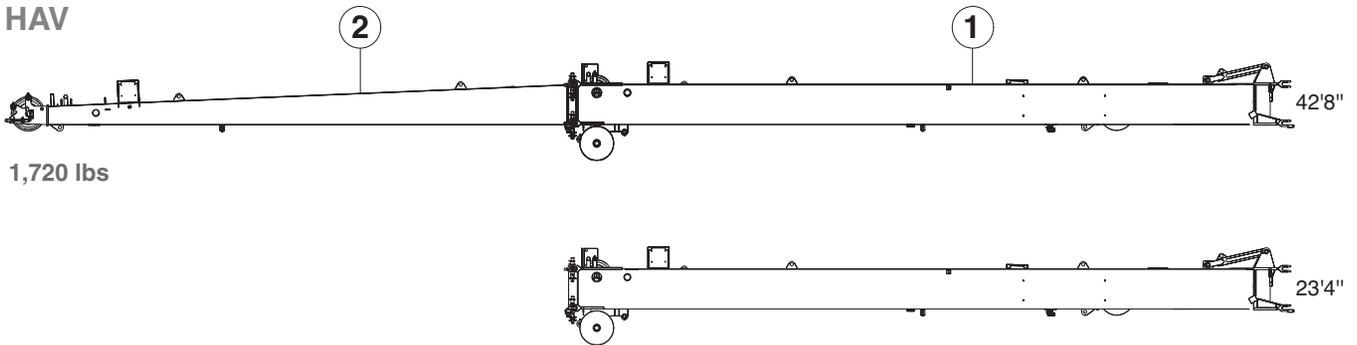
Counterweight



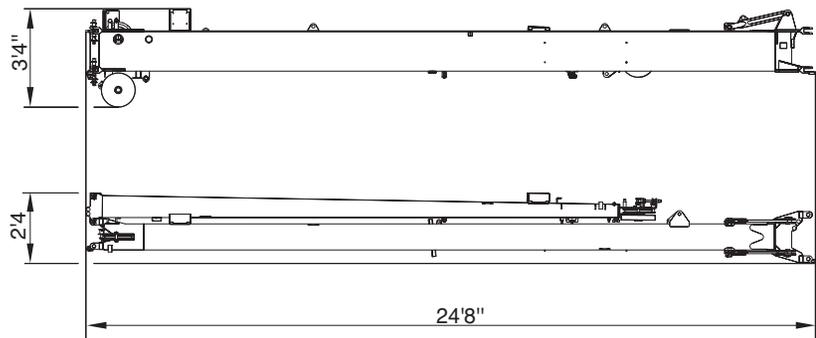
Transportation

Jib

HAV

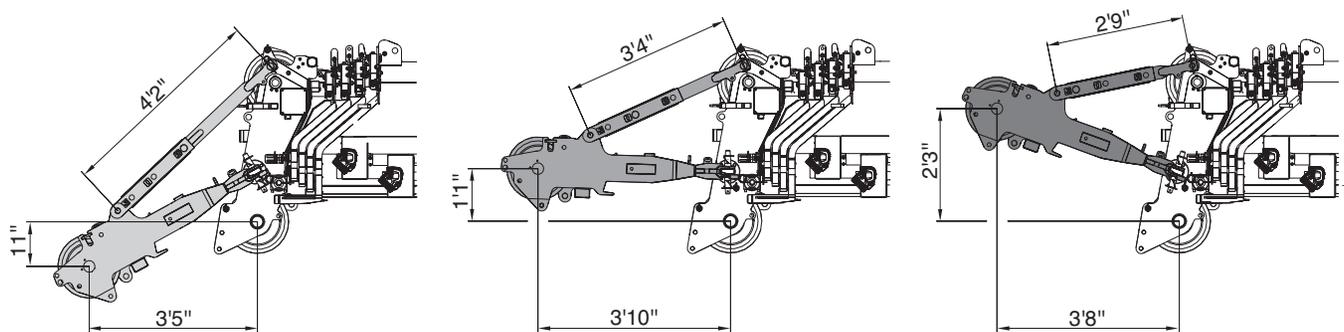


1,720 lbs



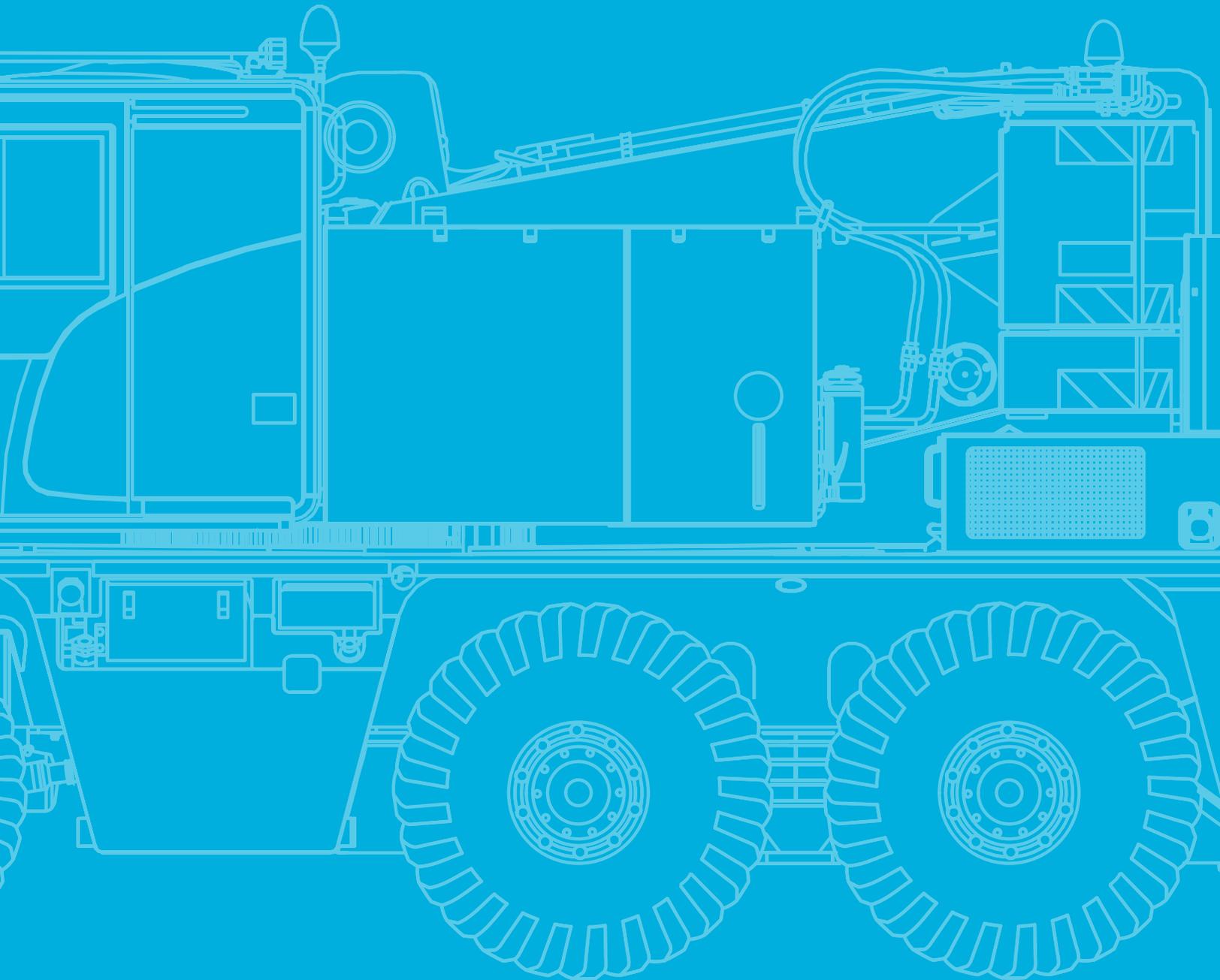
1,210 lbs

MS



420 lbs

TECHNICAL DATA FOR OPERATION



Operation

Main boom



80 s (25.6 ft – 102.4 ft)



50 s (-10° – 77°)

Slewing



1,70 min⁻¹

Hoist



1

364 ft/min

9,847 lbf

0.63 in.

459 ft

2

364 ft/min

9,847 lbf

0.63 in.

459 ft

Outrigger cylinders



70,560 lbs

63,950 lbs



19.7 ft

19.7 ft

Hook Blocks



11,000 lbs

9,700

–

1

287 lbs

2.6 ft

35,300 lbs

29,000

1

3

496 lbs

3.6 ft

70,600 lbs

66,200

3

7

772 lbs

4.3 ft

110,200 lbs

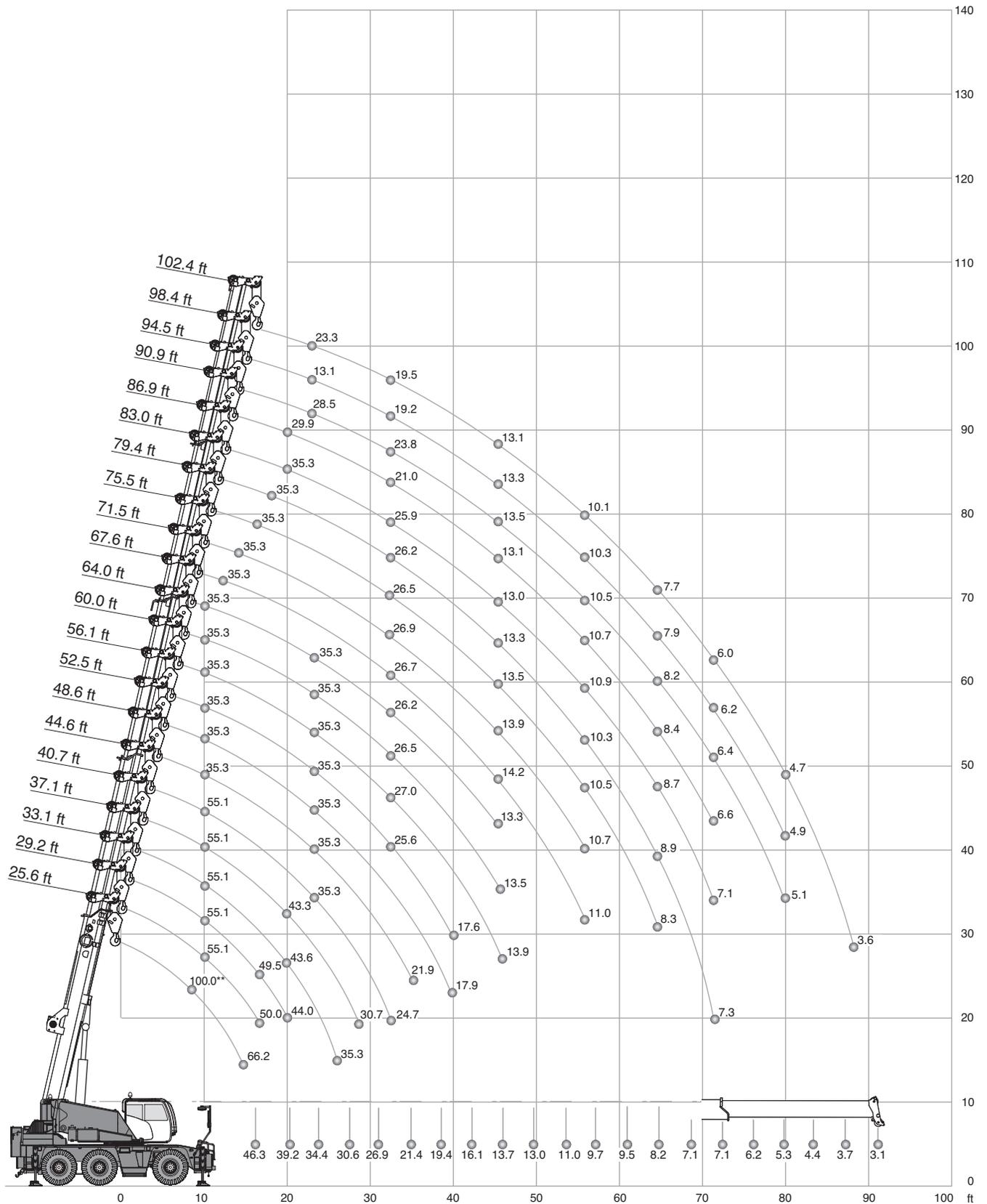
88,200

5

10

904 lbs

6.2 ft



** Max. crane capacity – with additional special equipment

Operation

HA

11,700 lbs		20.3 ft x 21.0 ft											360°		ASME B30.5	
25.6 ft*		25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft				
ft	1,000 lbs												ft			
8	100.0**	-	-	-	-	-	-	-	-	-	-	-	-	8		
10	87.4	77.4	55.1	55.1	55.1	55.1	55.1	35.3	35.3	35.3	35.3	35.3	35.3	10		
12	77.3	71.9	55.1	55.1	55.1	55.1	55.1	35.3	35.3	35.3	35.3	35.3	35.3	12		
14	66.2	65.6	55.1	55.1	55.1	55.1	54.5	35.3	35.3	35.3	35.3	35.3	35.3	14		
16	-	-	55.1	55.1	54.9	53.6	52.0	35.3	35.3	35.3	35.3	35.3	35.3	16		
18	-	-	50.0	49.5	49.3	49.1	48.8	35.3	35.3	35.3	35.3	35.3	35.3	18		
20	-	-	-	44.0	43.6	43.3	43.1	35.3	35.3	35.3	35.3	35.3	35.3	20		
24	-	-	-	-	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	24		
28	-	-	-	-	-	30.7	30.3	31.6	31.2	31.0	31.8	31.6	28	28		
32	-	-	-	-	-	-	24.7	26.5	26.0	25.6	27.0	26.5	32	32		
36	-	-	-	-	-	-	-	21.9	21.3	21.0	22.1	21.9	36	36		
40	-	-	-	-	-	-	-	-	17.9	17.6	18.8	18.3	40	40		
48	-	-	-	-	-	-	-	-	-	-	13.9	13.7	48	48		
1)	46.3	46.3	39.2	34.4	30.6	26.9	21.4	19.4	16.1	13.7	13.0	11.0	1)	1)		

67.6 ft		71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft		
ft	1,000 lbs										ft	
10	35.3	-	-	-	-	-	-	-	-	-	-	10
12	35.3	35.3	-	-	-	-	-	-	-	-	-	12
14	35.3	35.3	35.3	-	-	-	-	-	-	-	-	14
16	35.3	35.3	35.3	35.3	-	-	-	-	-	-	-	16
18	35.3	35.3	35.3	35.3	35.3	-	-	-	-	-	-	18
20	35.3	35.3	35.3	35.3	35.3	35.3	29.9	-	-	-	-	20
24	35.3	35.3	35.3	35.0	33.9	33.7	26.5	28.5	23.1	23.3	24	24
28	31.4	31.0	30.7	31.2	31.2	31.1	23.5	26.2	20.9	21.1	28	28
32	26.2	26.7	26.9	26.5	26.2	25.9	21.0	23.8	19.2	19.5	32	32
36	21.5	22.6	22.1	21.7	21.5	21.3	19.0	21.2	17.5	17.9	36	36
40	18.0	19.0	18.7	18.3	18.0	17.8	17.2	17.8	16.1	16.3	40	40
48	13.3	14.2	13.9	13.5	13.3	13.0	13.1	13.5	13.3	13.1	48	48
56	-	11.0	10.7	10.5	10.3	10.9	10.7	10.5	10.3	10.1	56	56
64	-	-	-	8.3	8.9	8.7	8.4	8.2	7.9	7.7	64	64
72	-	-	-	-	7.3	7.1	6.6	6.4	6.2	6.0	72	72
80	-	-	-	-	-	-	-	5.1	4.9	4.7	80	80
88	-	-	-	-	-	-	-	-	-	3.6	88	88
1)	9.7	9.5	8.2	7.1	7.1	6.2	5.3	4.4	3.7	3.1	1)	1)

1) Capacities with horizontal boom

* 180° over front

** Max. crane capacity – with additional special equipment

Operation

HA

6,400 lbs		20.3 ft x 21.0 ft										360° / Max.*				ASME B30.5	
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		25.6ft	25.6ft	29.2ft	29.2ft	33.1ft	33.1ft	37.1ft	37.1ft	40.7ft	40.7ft	44.6ft	44.6ft	48.6ft	48.6ft	ft	
1,000 lbs																	
10		77.4	77.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	35.3	35.3	10
12		71.6	71.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	35.3	35.3	12
14		64.0	64.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	54.5	54.5	35.3	35.3	14	14
16		-	-	53.6	53.6	53.3	53.3	53.1	53.1	53.0	53.0	52.0	52.0	35.3	35.3	16	16
18		-	-	47.8	-	47.3	47.8	47.1	47.4	46.9	47.1	46.7	46.7	35.3	35.3	18	18
20		-	-	-	-	41.8	41.9	41.6	41.6	41.4	41.4	41.2	41.2	35.3	35.3	20	20
24		-	-	-	-	-	-	34.7	34.7	34.6	34.6	34.3	34.3	35.1	35.1	24	24
28		-	-	-	-	-	-	-	-	27.4	28.8	26.7	28.3	28.7	29.8	28	28
32		-	-	-	-	-	-	-	-	-	-	21.0	22.6	22.8	24.2	32	32
36		-	-	-	-	-	-	-	-	-	-	-	-	18.6	-	36	36
1)		46.3	46.3	39.2	39.2	34.4	34.4	29.3	30.6	22.9	24.5	18.1	19.4	16.5	17.6	1)	1)

		360°	Max.														
ft		52.5ft	52.5ft	56.1ft	56.1ft	60.0ft	60.0ft	64.0ft	64.0ft	67.6ft	67.6ft	71.5ft	71.5ft	75.5ft	75.5ft	ft	
1,000 lbs																	
10		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	-	-	-	-	10	10
12		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	12	12
14		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	14	14
16		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	16	16
18		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	18	18
20		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	20	20
24		34.9	34.9	34.7	34.7	35.3	35.3	35.1	35.1	34.9	34.9	34.4	34.4	33.7	34.2	24	24
28		28.3	29.4	27.8	29.0	29.3	30.2	28.9	29.8	28.5	29.5	28.8	29.2	29.1	29.3	28	28
32		22.4	23.8	21.9	23.4	23.2	24.7	22.8	24.2	22.6	23.8	23.7	24.8	23.2	24.5	32	32
36		18.2	19.8	17.7	19.4	19.0	20.6	18.6	20.3	18.4	19.8	19.3	20.8	19.0	20.5	36	36
40		15.2	-	14.8	16.0	16.1	17.1	15.7	16.8	15.2	16.4	16.3	17.3	15.9	17.0	40	40
48		-	-	-	-	11.7	-	11.3	12.4	11.1	12.2	12.0	13.1	11.7	12.6	48	48
56		-	-	-	-	-	-	-	-	-	-	9.2	10.2	8.8	9.7	56	56
1)		13.7	14.6	11.5	12.3	10.8	11.7	9.3	10.1	7.7	8.8	7.7	8.6	6.6	7.5	1)	1)

		360°	Max.	360°	Max.												
ft		79.4ft	79.4ft	83.0ft	83.0ft	86.9ft	86.9ft	90.9ft	90.9ft	94.5ft	94.5ft	98.4ft	98.4ft	102.4ft	102.4ft	ft	
1,000 lbs																	
16		35.3	35.3	-	-	-	-	-	-	-	-	-	-	-	-	16	16
18		35.3	35.3	35.3	35.3	-	-	-	-	-	-	-	-	-	-	18	18
20		35.3	35.3	35.3	35.3	35.3	35.3	29.9	29.9	-	25.6	-	-	-	-	20	20
24		33.7	34.1	33.5	33.6	32.9	33.3	26.5	26.6	28.5	28.5	23.1	23.2	23.3	23.3	24	24
28		28.3	29.5	27.4	29.1	26.8	28.4	23.5	23.6	26.1	26.3	20.9	21.0	21.1	21.2	28	28
32		22.8	24.2	22.6	23.7	22.1	23.4	21.0	21.0	21.7	23.0	19.2	19.2	19.5	19.5	32	32
36		18.6	20.3	18.4	19.8	18.2	19.6	17.7	18.5	18.2	19.5	17.5	17.6	17.9	17.9	36	36
40		15.7	16.8	15.2	16.4	15.0	16.2	15.5	16.0	15.7	16.2	15.5	16.0	15.2	16.2	40	40
48		11.3	12.4	12.0	12.2	12.0	12.5	11.5	12.6	11.3	12.4	11.1	12.2	10.9	12.0	48	48
56		8.5	9.5	9.4	10.1	9.0	10.0	8.8	9.7	8.5	9.5	8.3	9.3	8.1	9.1	56	56
64		6.5	7.4	7.4	8.1	7.0	7.9	6.7	7.7	6.5	7.4	6.3	7.2	6.1	7.0	64	64
72		-	-	5.8	6.6	5.5	6.4	5.3	6.2	4.9	5.8	4.7	5.5	4.4	5.5	72	72
80		-	-	-	-	-	-	-	-	3.8	-	3.6	4.5	3.4	4.2	80	80
88		-	-	-	-	-	-	-	-	-	-	-	-	2.5	3.3	88	88
1)		5.5	6.4	5.7	6.4	4.9	5.5	4.0	4.9	3.3	4.2	2.6	3.5	2.0	2.9	1)	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

0 lbs		20.3 ft x 21.0 ft										360° / Max.*				ASME B30.5	
		360° 25.6ft	Max. 25.6ft	360° 29.2ft	Max. 29.2ft	360° 33.1ft	Max. 33.1ft	360° 37.1ft	Max. 37.1ft	360° 40.7ft	Max. 40.7ft	360° 44.6ft	Max. 44.6ft	360° 48.6ft	Max. 48.6ft		
ft		1,000 lbs														ft	
10		77.4	77.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	35.3	35.3	10
12		70.7	70.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	35.3	35.3	12
14		60.9	60.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	54.5	54.5	35.3	35.3	14	
16		-	-	51.3	51.3	51.1	51.1	50.8	50.8	50.6	50.6	50.2	50.2	35.3	35.3	16	
18		-	-	45.1	-	44.7	45.0	44.5	44.7	44.0	44.4	44.0	44.2	35.3	35.3	18	
20		-	-	-	-	39.1	39.5	38.8	39.0	38.5	38.8	38.3	38.6	35.3	35.3	20	
24		-	-	-	-	-	-	30.3	33.6	29.7	33.0	29.0	32.8	31.3	33.7	24	
28		-	-	-	-	-	-	-	-	22.1	27.5	21.5	27.2	23.4	28.3	28	
32		-	-	-	-	-	-	-	-	-	-	16.5	22.5	18.4	24.0	32	
36		-	-	-	-	-	-	-	-	-	-	-	-	14.8	-	36	
1)		46.3	46.3	39.2	39.2	30.9	34.0	23.8	28.7	18.3	24.3	14.1	19.4	13.0	17.6	1)	

		360° 52.5ft	Max. 52.5ft	360° 56.1ft	Max. 56.1ft	360° 60.0ft	Max. 60.0ft	360° 64.0ft	Max. 64.0ft	360° 67.6ft	Max. 67.6ft	360° 71.5ft	Max. 71.5ft	360° 75.5ft	Max. 75.5ft	
ft		1,000 lbs														ft
10		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	-	-	-	-	10
12		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	12
14		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	14
16		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	16
18		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	18
20		35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.0	35.3	35.2	35.2	20
24		30.7	33.7	30.1	33.5	31.7	33.9	30.7	33.7	29.7	33.7	30.6	33.6	29.5	33.2	24
28		23.0	28.1	22.3	27.8	23.9	28.7	23.4	28.3	23.0	28.1	24.3	28.5	23.7	28.6	28
32		17.8	23.6	17.4	23.2	18.9	24.4	18.5	24.0	18.1	23.6	19.2	24.6	18.7	24.2	32
36		14.4	19.8	14.0	19.4	15.3	20.6	14.8	20.3	14.4	19.8	15.5	20.8	15.1	20.5	36
40		11.8	-	11.3	16.0	12.7	17.1	12.2	16.8	11.8	16.4	12.9	17.3	12.4	17.0	40
48		-	-	-	-	9.1	-	8.6	12.4	8.3	12.2	9.3	13.1	8.9	12.6	48
56		-	-	-	-	-	-	-	-	-	-	7.0	10.2	6.6	9.7	56
1)		10.4	14.6	8.6	12.3	8.4	11.7	6.8	10.1	5.5	8.8	5.7	8.6	4.6	7.5	1)

		360° 79.4ft	Max. 79.4ft	360° 83.0ft	Max. 83.0ft	360° 86.9ft	Max. 86.9ft	360° 90.9ft	Max. 90.9ft	360° 94.5ft	Max. 94.5ft	360° 98.4ft	Max. 98.4ft	360° 102.4ft	Max. 102.4ft	
ft		1,000 lbs														ft
16		35.3	35.3	-	-	-	-	-	-	-	-	-	-	-	-	16
18		35.3	35.3	35.3	35.3	-	-	-	-	-	-	-	-	-	-	18
20		35.0	35.3	34.8	35.2	34.6	35.2	29.9	29.9	-	25.6	-	-	-	-	20
24		28.6	33.6	27.7	33.2	26.8	33.0	25.9	26.6	26.0	28.4	23.1	23.2	23.3	23.3	24
28		22.8	28.3	22.1	28.1	21.5	27.9	20.8	23.6	20.8	26.3	20.8	21.0	20.2	21.2	28
32		18.5	24.0	18.1	23.6	18.0	23.4	18.2	21.0	17.8	23.0	17.2	19.1	16.7	19.5	32
36		14.8	20.3	15.7	19.8	15.5	19.6	15.1	18.5	14.8	19.5	14.4	17.6	13.9	17.9	36
40		12.2	16.8	13.1	16.4	12.8	16.2	12.4	16.0	12.2	16.2	12.0	16.0	11.8	16.2	40
48		8.6	12.4	9.5	12.2	9.1	12.5	8.9	12.6	8.6	12.4	8.4	12.2	8.2	12.0	48
56		6.1	9.5	7.0	10.1	6.8	10.0	6.6	9.7	6.1	9.5	5.9	9.3	5.7	9.1	56
64		4.5	7.4	5.4	8.1	5.1	7.9	4.7	7.7	4.5	7.4	4.3	7.2	4.1	7.0	64
72		-	-	4.0	6.6	3.8	6.4	3.6	6.2	3.1	5.8	2.9	5.5	2.7	5.5	72
80		-	-	-	-	-	-	-	-	2.3	-	2.0	4.5	1.8	4.2	80
88		-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	88
1)		3.5	6.4	4.0	6.4	3.1	5.5	2.4	4.9	1.8	4.2	1.3	3.5	-	2.9	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

11,700 lbs		14.4 ft x 21.0 ft				360° / Max.*				ASME B30.5					
360° 25.6ft	Max. 25.6ft	360° 29.2ft	Max. 29.2ft	360° 33.1ft	Max. 33.1ft	360° 37.1ft	Max. 37.1ft	360° 40.7ft	Max. 40.7ft	360° 44.6ft	Max. 44.6ft	360° 48.6ft	Max. 48.6ft		
1,000 lbs															
ft													ft		
10	75.3	77.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	35.3	35.3	10
12	66.3	71.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	35.3	35.3	12
14	56.2	65.6	52.8	55.1	52.4	55.1	52.2	55.1	51.7	55.1	50.5	54.5	35.3	35.3	14
16	-	-	43.1	55.1	42.6	55.1	42.1	54.9	41.6	53.6	40.9	51.9	35.3	35.3	16
18	-	-	33.9	-	35.1	50.0	35.3	49.7	35.3	48.7	35.1	47.6	35.3	35.3	18
20	-	-	-	-	29.0	43.8	30.1	43.6	29.4	43.4	29.0	43.2	30.8	35.3	20
24	-	-	-	-	-	-	21.9	34.8	21.4	34.6	21.0	34.3	22.6	34.8	24
28	-	-	-	-	-	-	-	-	-	16.4	29.2	16.0	28.7	17.5	28
32	-	-	-	-	-	-	-	-	-	-	12.7	22.6	14.0	24.2	32
36	-	-	-	-	-	-	-	-	-	-	-	-	11.5	-	36
1)	44.1	46.3	29.5	39.2	22.3	34.4	17.6	30.6	13.9	24.5	11.0	19.4	10.4	17.6	1)

360° 52.5ft	Max. 52.5ft	360° 56.1ft	Max. 56.1ft	360° 60.0ft	Max. 60.0ft	360° 64.0ft	Max. 64.0ft	360° 67.6ft	Max. 67.6ft	360° 71.5ft	Max. 71.5ft	360° 75.5ft	Max. 75.5ft		
1,000 lbs															
ft													ft		
10	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	-	-	-	10	
12	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	-	12	
14	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	14	
16	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	16	
18	35.3	35.3	35.3	35.3	35.3	35.3	35.1	35.3	34.0	35.3	34.6	35.3	33.3	18	
20	30.3	35.3	29.9	35.3	31.2	35.3	30.8	35.3	29.8	35.3	30.5	35.3	29.5	20	
24	22.1	34.6	21.7	34.5	23.0	35.0	22.6	34.9	22.1	34.7	23.2	34.4	22.8	24	
28	17.1	30.0	16.7	29.6	17.8	31.0	17.5	30.5	17.1	30.2	18.0	29.6	17.8	28	
32	13.7	23.8	13.3	23.4	14.3	24.7	14.0	24.2	13.8	23.8	14.5	24.8	14.3	32	
36	11.3	19.8	10.9	19.4	12.0	20.6	11.5	20.3	11.3	19.8	12.0	20.8	11.7	36	
40	9.4	-	9.0	16.0	9.9	17.1	9.7	16.8	9.4	16.4	10.1	17.3	9.9	40	
48	-	-	-	-	7.4	-	7.2	12.4	6.7	12.2	7.6	13.1	7.2	48	
56	-	-	-	-	-	-	-	-	-	-	5.7	10.2	5.5	56	
1)	8.4	14.6	7.1	12.3	6.8	11.7	5.7	10.1	4.9	8.8	4.9	8.6	4.0	7.5	1)

360° 79.4ft	Max. 79.4ft	360° 83.0ft	Max. 83.0ft	360° 86.9ft	Max. 86.9ft	360° 90.9ft	Max. 90.9ft	360° 94.5ft	Max. 94.5ft	360° 98.4ft	Max. 98.4ft	360° 102.4ft	Max. 102.4ft		
1,000 lbs															
ft													ft		
16	35.3	35.3	-	-	-	-	-	-	-	-	-	-	-	16	
18	32.3	35.3	31.2	35.3	-	-	-	-	-	-	-	-	-	18	
20	28.6	35.3	27.7	35.2	26.8	35.2	26.0	29.9	25.5	25.6	-	-	-	20	
24	22.5	34.1	22.1	33.6	22.2	33.3	22.0	26.6	21.4	28.4	20.7	23.2	20.2	24	
28	17.5	29.5	18.2	29.1	18.0	28.4	17.8	23.6	17.5	26.3	17.1	21.0	16.7	28	
32	14.0	24.2	14.8	23.7	14.5	23.4	14.3	21.0	14.1	23.0	13.9	19.1	13.7	32	
36	11.5	20.3	12.2	19.8	12.0	19.6	11.7	18.5	11.5	19.5	11.3	17.6	11.3	36	
40	9.7	16.8	10.3	16.4	10.1	16.2	9.9	16.0	9.7	16.2	9.4	16.0	9.2	40	
48	6.9	12.4	7.6	12.2	7.4	12.5	7.2	12.6	7.0	12.4	6.9	12.2	6.7	48	
56	5.2	9.5	5.9	10.1	5.7	10.0	5.5	9.7	5.2	9.5	5.0	9.3	5.0	56	
64	4.0	7.4	4.6	8.1	4.4	7.9	4.2	7.7	4.0	7.4	3.7	7.2	3.7	64	
72	-	-	3.6	6.6	3.3	6.4	3.3	6.2	3.1	5.8	2.9	5.5	2.7	72	
80	-	-	-	-	-	-	-	-	2.3	-	2.1	4.5	1.9	80	
88	-	-	-	-	-	-	-	-	-	-	-	-	3.3	88	
1)	3.3	6.4	3.5	6.4	2.9	5.5	2.4	4.9	2.0	4.2	1.5	3.5	-	2.9	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

11,700 lbs		7.7 ft x 21.0 ft		360° / Max.*										ASME B30.5	
ft	360° 25.6ft	Max. 25.6ft	360° 29.2ft	Max. 29.2ft	360° 33.1ft	Max. 33.1ft	360° 37.1ft	Max. 37.1ft	360° 40.7ft	Max. 40.7ft	360° 44.6ft	Max. 44.6ft	360° 48.6ft	Max. 48.6ft	ft
1,000 lbs															
10	-	77.4	-	55.1	-	55.1	-	55.1	-	55.1	-	55.1	-	35.3	10
12	-	71.9	-	55.1	-	55.1	-	55.1	-	55.1	-	55.1	-	35.3	12
14	-	65.6	-	55.1	-	55.1	-	55.1	-	55.1	-	54.5	-	35.3	14
16	-	-	17.8	55.1	18.9	55.1	19.6	54.9	19.1	53.6	18.7	51.9	20.3	35.3	16
18	-	-	14.6	-	15.5	50.0	16.2	49.7	15.7	48.7	15.5	47.6	16.8	35.3	18
20	-	-	-	-	13.1	43.8	13.8	43.6	13.3	43.4	12.9	43.2	14.3	35.3	20
24	-	-	-	-	-	-	10.3	34.8	9.9	34.6	9.5	34.3	10.8	34.8	24
28	-	-	-	-	-	-	-	-	7.7	29.2	7.2	28.7	8.3	30.4	28
32	-	-	-	-	-	-	-	-	-	-	5.6	22.6	6.7	24.2	32
36	-	-	-	-	-	-	-	-	-	-	-	-	5.5	-	36
1)	-	46.3	12.8	39.2	10.1	34.4	8.4	30.6	6.4	24.5	4.9	19.4	4.9	17.6	1)

ft	360° 52.5ft	Max. 52.5ft	360° 56.1ft	Max. 56.1ft	360° 60.0ft	Max. 60.0ft	360° 64.0ft	Max. 64.0ft	360° 67.6ft	Max. 67.6ft	360° 71.5ft	Max. 71.5ft	360° 75.5ft	Max. 75.5ft	ft
1,000 lbs															
10	-	35.3	-	35.3	-	35.3	-	35.3	-	35.3	-	-	-	-	10
12	-	35.3	-	35.3	-	35.3	-	35.3	-	35.3	-	35.3	-	-	12
14	-	35.3	-	35.3	-	35.3	-	35.3	-	35.3	-	35.3	-	35.3	14
16	19.8	35.3	19.6	35.3	20.7	35.3	20.1	35.3	19.6	35.3	20.4	35.3	19.5	35.3	16
18	16.4	35.3	16.2	35.3	17.3	35.3	16.8	35.3	16.6	35.3	17.5	35.3	17.0	35.3	18
20	14.0	35.3	13.6	35.3	14.7	35.3	14.4	35.3	14.0	35.3	14.9	35.3	14.7	35.3	20
24	10.4	34.6	10.1	34.5	11.1	35.0	10.8	34.9	10.5	34.7	11.3	34.4	11.0	34.2	24
28	8.1	30.0	7.9	29.6	8.8	31.0	8.3	30.5	8.1	30.2	8.8	29.6	8.6	29.3	28
32	6.4	23.8	6.2	23.4	6.9	24.7	6.7	24.2	6.5	23.8	7.2	24.8	6.9	24.5	32
36	5.1	19.8	4.9	19.4	5.8	20.6	5.3	20.3	5.1	19.8	5.8	20.8	5.5	20.5	36
40	4.2	-	3.9	16.0	4.7	17.1	4.5	16.8	4.2	16.4	4.9	17.3	4.7	17.0	40
48	-	-	-	-	3.2	-	3.0	12.4	2.8	12.2	3.5	13.1	3.2	12.6	48
56	-	-	-	-	-	-	-	-	-	-	2.4	10.2	2.2	9.7	56
1)	3.7	14.6	2.9	12.3	3.1	11.7	2.2	10.1	1.8	8.8	2.0	8.6	1.3	7.5	1)

ft	360° 79.4ft	Max. 79.4ft	360° 83.0ft	Max. 83.0ft	360° 86.9ft	Max. 86.9ft	360° 90.9ft	Max. 90.9ft	360° 94.5ft	Max. 94.5ft	360° 98.4ft	Max. 98.4ft	360° 102.4ft	Max. 102.4ft	ft
1,000 lbs															
16	18.8	35.3	-	-	-	-	-	-	-	-	-	-	-	-	16
18	16.4	35.3	17.0	35.3	-	-	-	-	-	-	-	-	-	-	18
20	14.4	35.3	15.1	35.2	14.5	35.2	14.1	29.9	13.6	25.6	-	-	-	-	20
24	10.8	34.1	11.5	33.6	11.2	33.3	11.0	26.6	10.8	28.4	10.5	23.2	10.0	23.3	24
28	8.3	29.5	9.0	29.1	8.8	28.4	8.6	23.6	8.3	26.3	8.3	21.0	8.1	21.2	28
32	6.7	24.2	7.4	23.7	7.2	23.4	6.9	21.0	6.7	23.0	6.5	19.1	6.4	19.5	32
36	5.3	20.3	6.0	19.8	5.8	19.6	5.5	18.5	5.5	19.5	5.3	17.6	5.1	17.9	36
40	4.5	16.8	5.0	16.4	4.8	16.2	4.7	16.0	4.5	16.2	4.2	16.0	4.1	16.2	40
48	3.0	12.4	3.5	12.2	3.2	12.5	3.2	12.6	3.0	12.4	2.8	12.2	2.6	12.0	48
56	2.0	9.5	2.4	10.1	2.4	10.0	2.2	9.7	2.0	9.5	1.7	9.3	-	9.1	56
64	-	7.4	1.8	8.1	1.7	7.9	-	7.7	-	7.4	-	7.2	-	7.0	64
72	-	-	-	6.6	-	6.4	-	6.2	-	5.8	-	5.5	-	5.5	72
80	-	-	-	-	-	-	-	-	-	-	-	4.5	-	4.2	80
88	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	88
1)	-	6.4	-	6.4	-	5.5	-	4.9	-	4.2	-	3.5	-	2.9	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

11,700 lbs		0° *		ASME B30.5	
		25.6 ft	33.1 ft	40.7 ft	44.6 ft
ft	1,000 lbs				
10	35.8	35.1	34.9	34.7	
12	30.9	30.5	30.0	30.0	
14	27.1	26.7	26.2	25.9	
16	-	23.5	22.9	22.1	
18	-	19.3	18.6	18.4	
20	-	15.9	15.5	15.2	
24	-	-	10.9	10.7	
28	-	-	8.1	7.9	
32	-	-	-	5.8	
1)	23.8	12.1	6.6	4.9	

11,700 lbs		180° **		ASME B30.5	
		25.6 ft	33.1 ft	40.7 ft	44.6 ft
ft	1,000 lbs				
10	25.9	25.5	25.0	24.8	
12	22.1	21.7	21.3	21.2	
14	19.1	18.7	18.4	18.2	
16	-	16.3	15.9	15.9	
18	-	14.2	13.9	13.7	
20	-	12.5	12.1	12.1	
24	-	-	9.6	9.4	
28	-	-	7.5	7.2	
32	-	-	-	5.6	
1)	16.5	10.1	6.2	4.6	

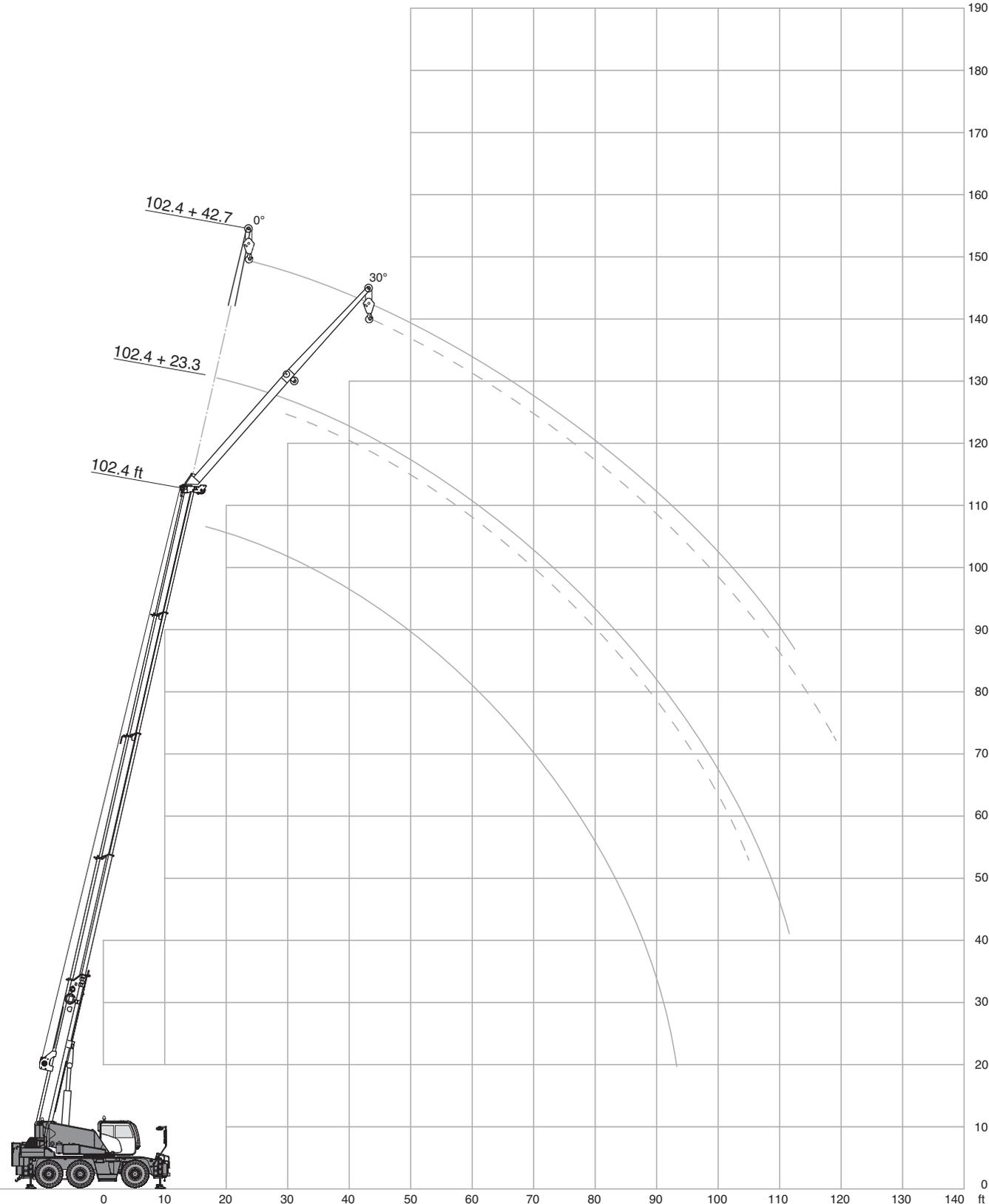
11,700 lbs		360°		ASME B30.5	
		25.6 ft	33.1 ft	40.7 ft	44.6 ft
ft	1,000 lbs				
14	14.9	14.4	14.0	13.8	
16	-	12.1	11.7	11.5	
18	-	10.2	9.7	9.7	
20	-	8.6	8.2	8.2	
24	-	-	5.8	5.8	
28	-	-	4.1	3.9	
32	-	-	-	2.6	
1)	12.3	6.4	2.9	1.8	

1) Capacities with horizontal boom

* over rear

** over front

Operation



Operation

HAV

6,400 lbs		20.3 ft x 21.0 ft										360°										ASME B30.5									
23.3 ft		(ft)										(ft)																			
		25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4	25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4								
		0°										30°																			
ft		1,000 lbs																				ft									
10		18.2	19.3	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10								
12		16.6	18.4	19.3	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12								
14		15.4	17.0	18.6	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14								
16		14.3	15.9	17.4	18.7	19.4	-	-	-	-	-	-	12.9	-	-	-	-	-	-	-	-	-	16								
18		13.5	15.0	16.3	17.7	18.5	19.2	-	-	-	-	-	12.4	12.8	-	-	-	-	-	-	-	-	18								
20		12.4	14.2	15.5	16.6	17.7	18.4	18.6	-	-	-	-	11.8	12.3	12.7	-	-	-	-	-	-	-	20								
24		11.2	12.6	13.9	15.0	15.9	16.8	17.0	17.4	-	-	-	11.0	11.5	12.0	12.3	12.6	-	-	-	-	-	24								
28		10.1	11.4	12.5	13.6	14.5	15.2	15.6	16.1	16.1	15.8	-	10.3	10.8	11.4	11.7	11.9	12.1	-	-	-	-	28								
32		9.1	10.4	11.5	12.6	13.4	14.1	14.5	15.0	15.0	14.9	13.4	9.8	10.2	10.8	11.1	11.5	11.7	11.8	11.9	-	-	32								
36		8.4	9.5	10.6	11.5	12.6	13.2	13.5	14.1	14.1	14.1	12.8	9.7	9.9	10.4	10.6	11.0	11.3	11.3	11.5	-	-	36								
40		-	8.9	9.8	10.7	11.6	12.2	12.7	13.1	13.3	13.4	12.0	-	9.7	10.1	10.3	10.7	10.9	11.0	11.2	11.2	11.2	40								
48		-	-	8.5	9.4	10.2	10.8	11.3	11.6	11.5	11.4	10.8	-	-	9.7	9.8	10.0	10.2	10.4	10.4	10.6	10.7	48								
56		-	-	-	8.4	9.0	9.4	9.6	9.2	8.8	9.0	8.5	-	-	-	-	9.4	9.7	9.7	9.8	9.4	9.4	56								
64		-	-	-	-	6.9	7.4	7.6	7.0	7.4	6.8	6.3	-	-	-	-	7.7	7.9	7.6	7.3	7.3	7.0	64								
72		-	-	-	-	-	5.8	6.0	5.3	5.8	5.1	4.7	-	-	-	-	-	6.4	5.8	6.2	5.8	5.3	72								
80		-	-	-	-	-	-	4.9	4.2	4.5	4.0	3.6	-	-	-	-	-	-	4.5	4.7	4.4	4.0	80								
88		-	-	-	-	-	-	-	3.2	3.4	2.9	2.5	-	-	-	-	-	-	-	3.6	3.2	2.9	88								
96		-	-	-	-	-	-	-	-	2.6	2.1	1.7	-	-	-	-	-	-	-	-	2.4	2.1	96								
104		-	-	-	-	-	-	-	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	104								

42.7 ft		(ft)										(ft)													
		25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4	25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4		
		0°										30°													
ft		1,000 lbs																				ft			
10		13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		12.5	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		11.6	12.4	13.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16		10.7	11.6	12.3	12.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16		
18		9.9	10.8	11.5	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18		
20		9.4	10.2	10.9	11.4	11.8	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
24		8.3	9.0	9.6	10.3	10.7	11.0	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24		
28		7.5	8.1	8.8	9.2	9.7	10.1	10.1	10.1	-	-	-	-	-	-	-	-	-	-	-	-	-	28		
32		6.7	7.4	7.9	8.5	8.9	9.1	9.4	9.6	9.4	-	-	6.2	6.4	-	-	-	-	-	-	-	-	32		
36		6.0	6.6	7.3	7.7	8.2	8.4	8.6	8.8	8.8	8.4	-	5.7	6.0	6.2	-	-	-	-	-	-	-	36		
40		5.6	6.1	6.7	7.2	7.6	7.9	8.1	8.3	8.3	7.9	7.7	5.5	5.7	5.9	5.9	6.1	6.1	-	-	-	-	40		
48		4.7	5.2	5.7	6.1	6.6	6.9	7.1	7.4	7.4	7.1	7.1	4.9	5.2	5.4	5.4	5.6	5.6	5.7	5.8	-	-	48		
56		-	4.6	5.1	5.5	5.7	6.1	6.4	6.6	6.8	6.4	6.6	-	4.6	4.9	5.1	5.1	5.3	5.3	5.5	5.5	5.5	5.5	56	
64		-	4.2	4.5	4.7	5.2	5.4	5.6	6.1	6.1	5.8	6.1	-	-	4.6	4.7	4.9	5.0	5.1	5.1	5.2	5.2	5.2	64	
72		-	-	4.2	4.4	4.6	4.9	5.1	5.3	5.3	5.3	5.1	-	-	-	4.6	4.6	4.6	4.9	4.9	4.9	4.9	4.9	72	
80		-	-	-	-	4.2	4.5	4.8	4.7	4.8	4.2	3.8	-	-	-	-	4.6	4.6	4.6	4.6	4.6	4.8	4.5	80	
88		-	-	-	-	4.0	4.0	4.2	3.6	3.8	3.4	2.9	-	-	-	-	4.4	4.4	4.3	4.2	4.0	3.8	88		
96		-	-	-	-	-	-	3.5	2.8	3.0	2.5	2.1	-	-	-	-	-	-	3.2	3.5	3.2	2.8	96		
104		-	-	-	-	-	-	-	2.3	2.3	1.8	1.4	-	-	-	-	-	-	-	-	2.7	2.3	2.1	104	
112		-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	-	-	-	-	1.7	-	112		

Operation

0 lbs		20.3 ft x 21.0 ft										360°										ASME B30.5									
23.3 ft		(ft)										(ft)																			
		25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4	25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4								
		0°										30°																			
ft		1,000 lbs																				ft									
10		18.2	19.3	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10								
12		16.6	18.4	19.3	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12								
14		15.4	17.0	18.6	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14								
16		14.3	15.9	17.4	18.7	19.4	-	-	-	-	-	-	12.9	-	-	-	-	-	-	-	-	-	16								
18		13.5	15.0	16.3	17.7	18.5	19.2	-	-	-	-	-	12.4	12.8	-	-	-	-	-	-	-	-	18								
20		12.4	14.2	15.5	16.6	17.7	18.4	18.6	-	-	-	-	11.8	12.3	12.7	-	-	-	-	-	-	-	20								
24		11.2	12.6	13.9	15.0	15.9	16.8	17.0	17.4	-	-	-	11.0	11.5	12.0	12.3	12.6	-	-	-	-	-	24								
28		10.1	11.4	12.5	13.6	14.5	15.2	15.6	16.1	16.1	15.8	-	10.3	10.8	11.4	11.7	11.9	12.1	-	-	-	-	28								
32		9.1	10.4	11.5	12.6	13.4	14.1	14.5	15.0	15.0	14.9	13.4	9.8	10.2	10.8	11.1	11.5	11.7	11.8	11.9	-	-	32								
36		8.4	9.5	10.6	11.5	12.6	13.2	13.5	14.1	14.1	13.7	12.8	9.7	9.9	10.4	10.6	11.0	11.3	11.3	11.5	-	-	36								
40		-	8.9	9.8	10.7	11.6	12.2	12.5	12.8	12.0	11.9	11.4	-	9.7	10.1	10.3	10.7	10.9	11.0	11.2	11.2	11.2	40								
48		-	-	8.5	9.4	9.2	9.5	10.0	9.3	9.5	9.0	8.3	-	-	9.6	9.8	9.7	10.1	10.2	10.0	9.7	9.7	48								
56		-	-	-	7.5	6.8	7.2	7.4	6.8	7.2	6.6	6.1	-	-	-	-	7.2	7.7	7.9	7.5	7.9	7.4	56								
64		-	-	-	-	5.0	5.4	5.6	5.0	5.2	4.7	4.3	-	-	-	-	5.7	6.1	5.6	5.8	5.4	5.2	64								
72		-	-	-	-	-	4.0	4.2	3.6	4.0	3.3	2.9	-	-	-	-	-	4.7	4.0	4.4	4.0	3.6	72								
80		-	-	-	-	-	-	3.2	2.7	2.9	2.3	1.9	-	-	-	-	-	-	2.9	3.1	2.7	2.5	80								
88		-	-	-	-	-	-	-	1.8	2.0	1.6	-	-	-	-	-	-	-	-	2.3	1.8	1.6	88								

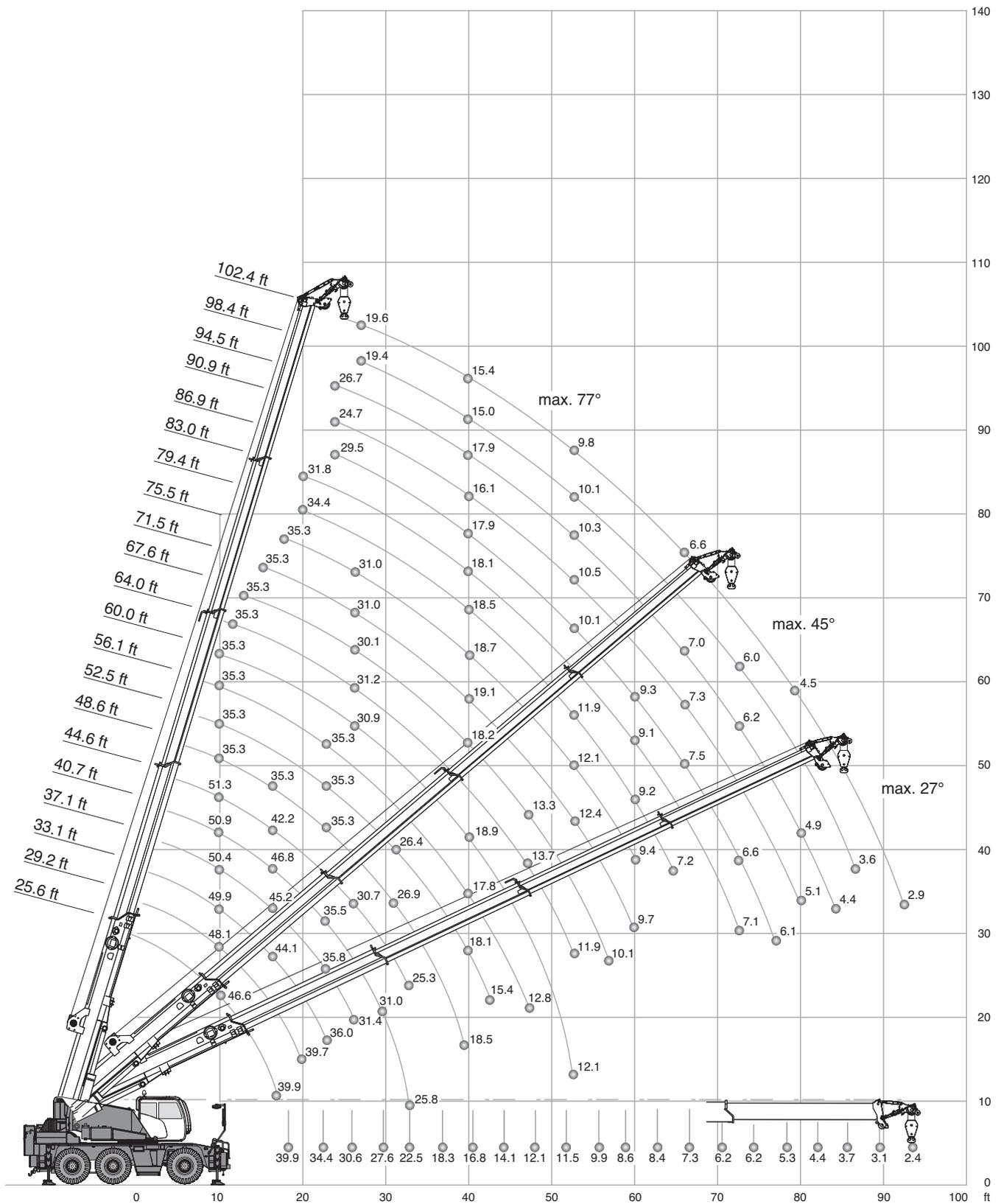
42.7 ft		(ft)										(ft)													
		25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4	25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4		
		0°										30°													
ft		1,000 lbs																				ft			
10		13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12		12.5	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14		11.6	12.4	13.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16		10.7	11.6	12.3	12.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16		
18		9.9	10.8	11.5	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18		
20		9.4	10.2	10.9	11.4	11.8	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20		
24		8.3	9.0	9.6	10.3	10.7	11.0	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24		
28		7.5	8.1	8.8	9.2	9.7	10.1	10.1	10.1	-	-	-	-	-	-	-	-	-	-	-	-	-	28		
32		6.7	7.4	7.9	8.5	8.9	9.1	9.4	9.6	9.4	-	-	6.2	6.4	-	-	-	-	-	-	-	-	32		
36		6.0	6.6	7.3	7.7	8.2	8.4	8.6	8.8	8.8	8.4	-	5.7	6.0	6.2	-	-	-	-	-	-	-	36		
40		5.6	6.1	6.7	7.2	7.6	7.9	8.1	8.3	8.3	7.9	7.7	5.5	5.7	5.9	5.9	6.1	6.1	-	-	-	-	40		
48		4.7	5.2	5.7	6.1	6.6	6.9	7.1	7.4	7.4	7.1	7.1	4.9	5.2	5.4	5.4	5.6	5.6	5.7	5.8	-	-	48		
56		-	4.6	5.1	5.5	5.7	6.1	6.4	6.6	6.8	6.4	6.1	-	4.6	4.9	5.1	5.1	5.3	5.3	5.5	5.5	5.5	56		
64		-	4.2	4.5	4.7	5.2	5.4	5.6	5.6	5.5	5.2	4.5	-	-	4.6	4.7	4.9	5.0	5.1	5.1	5.2	5.2	64		
72		-	-	4.2	4.4	4.4	4.7	4.7	4.2	4.2	3.8	3.3	-	-	-	4.6	4.6	4.6	4.9	4.9	4.9	4.7	72		
80		-	-	-	-	3.4	3.6	3.7	3.1	3.2	2.7	2.3	-	-	-	-	3.8	4.2	4.2	3.9	4.0	3.8	80		
88		-	-	-	-	2.7	2.7	2.9	2.2	2.5	2.0	1.4	-	-	-	-	-	2.9	3.3	2.9	3.1	2.7	88		
96		-	-	-	-	-	-	2.1	1.6	1.7	-	-	-	-	-	-	-	-	-	2.1	1.9	-	96		
104		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	104		

Operation

HAV

11,700 lbs		14.4 ft x 21.0 ft										360°										ASME B30.5									
23.3 ft		(ft)										(ft)																			
		25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4	25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4								
		0°										30°																			
ft	1,000 lbs																						ft								
10	18.2	19.3	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10								
12	16.6	18.4	19.3	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12								
14	15.4	17.0	18.6	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14								
16	14.3	15.9	17.4	18.7	19.4	-	-	-	-	-	-	12.9	-	-	-	-	-	-	-	-	-	-	16								
18	13.5	15.0	16.3	17.7	18.5	19.2	-	-	-	-	-	12.4	12.8	-	-	-	-	-	-	-	-	-	18								
20	12.4	14.2	15.5	16.6	17.7	18.4	18.6	-	-	-	-	11.8	12.3	12.7	-	-	-	-	-	-	-	-	20								
24	11.2	12.6	13.9	15.0	15.9	16.8	17.0	17.4	-	-	-	11.0	11.5	12.0	12.3	12.6	-	-	-	-	-	-	24								
28	10.1	11.4	12.5	13.6	14.5	15.2	15.6	16.1	16.1	15.8	-	10.3	10.8	11.4	11.7	11.9	12.1	-	-	-	-	-	28								
32	9.1	10.4	11.5	12.6	13.4	14.1	14.3	14.5	14.1	13.7	13.2	9.8	10.2	10.8	11.1	11.5	11.7	11.8	11.9	-	-	-	32								
36	8.4	9.5	10.6	11.5	12.2	12.4	12.6	12.2	12.4	11.9	11.3	9.7	9.9	10.4	10.6	11.0	11.3	11.3	11.5	-	-	-	36								
40	-	8.9	9.8	10.6	10.1	10.5	10.8	10.3	10.5	10.1	9.7	-	9.7	9.9	10.3	10.5	10.7	10.9	10.9	10.8	10.8	-	40								
48	-	-	7.8	8.0	7.4	7.7	7.9	7.5	7.7	7.4	6.9	-	-	8.0	8.5	8.0	8.3	8.6	8.1	8.3	8.1	7.8	48								
56	-	-	-	6.1	5.7	5.9	6.1	5.7	5.9	5.5	5.0	-	-	-	-	5.9	6.3	6.6	6.1	6.3	6.1	5.7	56								
64	-	-	-	-	4.3	4.6	4.7	4.4	4.4	4.2	3.7	-	-	-	-	-	4.8	5.1	4.6	4.8	4.6	4.4	64								
72	-	-	-	-	-	3.6	3.8	3.3	3.5	3.1	2.9	-	-	-	-	-	-	4.0	3.6	3.8	3.6	3.3	72								
80	-	-	-	-	-	-	3.0	2.6	2.8	2.3	2.0	-	-	-	-	-	-	-	2.7	2.9	2.7	2.3	80								
88	-	-	-	-	-	-	-	1.8	2.0	1.6	-	-	-	-	-	-	-	-	-	2.2	2.0	1.6	88								
96	-	-	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	96								

42.7 ft		(ft)										(ft)											
		25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4	25.6	33.1	40.7	48.6	56.1	64.0	71.5	79.4	86.9	94.5	102.4
		0°										30°											
ft	1,000 lbs																						ft
10	13.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12	12.5	13.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	11.6	12.4	13.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
16	10.7	11.6	12.3	12.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
18	9.9	10.8	11.5	12.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
20	9.4	10.2	10.9	11.4	11.8	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
24	8.3	9.0	9.6	10.3	10.7	11.0	10.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	7.5	8.1	8.8	9.2	9.7	10.1	10.1	10.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	6.7	7.4	7.9	8.5	8.9	9.1	9.4	9.6	9.4	-	-	6.2	6.4	-	-	-	-	-	-	-	-	-	32
36	6.0	6.6	7.3	7.7	8.2	8.4	8.6	8.8	8.8	8.4	-	5.7	6.0	6.2	-	-	-	-	-	-	-	-	36
40	5.6	6.1	6.7	7.2	7.6	7.9	8.1	8.3	8.3	7.9	7.7	5.5	5.7	5.9	5.9	6.1	6.1	-	-	-	-	-	40
48	4.7	5.2	5.7	6.1	6.6	6.9	7.1	7.4	7.3	7.1	7.0	4.9	5.2	5.4	5.4	5.6	5.6	5.7	5.8	-	-	-	48
56	-	4.6	5.1	5.5	5.7	5.9	6.3	5.9	6.1	5.7	5.5	-	4.6	4.9	5.1	5.1	5.3	5.3	5.5	5.5	5.5	5.5	56
64	-	4.2	4.5	4.7	4.8	4.8	5.1	4.6	4.7	4.4	4.1	-	-	4.6	4.7	4.9	5.0	5.1	5.1	5.1	5.1	5.1	64
72	-	-	4.2	4.2	3.8	4.0	4.0	3.6	3.8	3.3	3.1	-	-	-	4.6	4.2	4.4	4.6	4.2	4.4	4.2	4.0	72
80	-	-	-	-	3.0	3.1	3.2	2.8	3.0	2.6	2.3	-	-	-	-	3.4	3.6	3.7	3.4	3.4	3.2	3.0	80
88	-	-	-	-	2.5	2.5	2.7	2.2	2.2	2.0	1.6	-	-	-	-	-	2.7	2.9	2.7	2.7	2.5	2.2	88
96	-	-	-	-	-	-	2.1	1.7	1.7	-	-	-	-	-	-	-	-	1.9	2.1	1.9	1.6	-	96
104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.6	-	-	104



Operation

11,700 lbs		20.3 ft x 21.0 ft		30°		360°		ASME B30.5				
ft	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft	ft
1,000 lbs												
10	46.6	48.1	49.9	50.4	50.9	51.3	35.3	35.3	35.3	35.3	-	10
12	45.1	46.3	48.2	49.6	50.1	50.1	35.3	35.3	35.3	35.3	35.3	12
14	43.4	44.9	46.5	48.0	49.1	47.7	35.3	35.3	35.3	35.3	35.3	14
16	40.6	43.7	45.0	46.6	47.9	45.1	35.3	35.3	35.3	35.3	35.3	16
18	39.9	41.7	44.1	45.2	46.8	42.2	35.3	35.3	35.3	35.3	35.3	18
20	-	39.7	42.9	43.7	44.2	39.3	35.3	35.3	35.3	35.3	35.3	20
24	-	-	36.0	35.8	35.5	35.3	35.3	35.3	35.3	35.3	35.3	24
28	-	-	-	31.4	31.0	30.7	31.8	31.4	31.2	30.9	31.2	28
32	-	-	-	-	25.8	25.3	26.9	26.4	26.0	26.2	26.7	32
36	-	-	-	-	-	20.6	22.1	21.7	21.3	22.4	21.9	36
40	-	-	-	-	-	-	18.5	18.1	17.8	18.9	18.5	40
44	-	-	-	-	-	-	-	15.4	15.0	16.1	15.8	44
48	-	-	-	-	-	-	-	-	12.8	13.9	13.7	48
52	-	-	-	-	-	-	-	-	-	12.1	11.9	52
1)	39.9	34.4	30.6	27.6	22.5	18.3	16.8	14.1	12.1	11.5	9.9	1)

ft	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft	ft
1,000 lbs											
14	35.3	-	-	-	-	-	-	-	-	-	14
16	35.3	35.3	-	-	-	-	-	-	-	-	16
18	35.3	35.3	35.3	-	-	-	-	-	-	-	18
20	35.1	35.3	35.3	34.4	31.8	-	-	-	-	-	20
24	32.7	33.6	34.4	31.6	29.1	29.5	24.7	26.7	-	-	24
28	30.1	31.0	31.0	29.0	26.8	27.3	22.0	24.9	19.4	19.6	28
32	26.4	26.1	25.8	26.2	24.8	25.2	19.6	22.9	17.7	18.0	32
36	21.7	21.4	22.1	21.9	21.7	21.5	17.7	21.0	16.3	16.6	36
40	18.2	19.1	18.7	18.5	18.1	17.9	16.1	17.9	15.0	15.4	40
44	15.4	16.3	16.0	15.6	15.4	15.2	14.7	15.2	14.0	14.2	44
48	13.3	14.2	13.9	13.5	13.3	13.1	12.8	13.1	12.9	12.9	48
52	11.7	12.4	12.1	11.9	11.5	11.3	11.3	11.3	11.6	11.5	52
56	10.1	10.9	10.5	10.3	10.1	10.1	10.5	10.3	10.1	9.8	56
60	-	9.7	9.4	9.2	9.1	9.3	9.2	9.0	8.8	8.6	60
64	-	-	8.4	8.2	8.4	8.5	8.3	7.9	7.7	7.5	64
68	-	-	-	7.2	7.8	7.5	7.3	7.0	6.8	6.6	68
72	-	-	-	6.4	7.1	6.6	6.4	6.2	6.0	5.8	72
76	-	-	-	-	-	6.1	5.7	5.4	5.2	5.0	76
80	-	-	-	-	-	-	5.1	4.9	4.7	4.5	80
84	-	-	-	-	-	-	-	4.4	4.1	3.9	84
88	-	-	-	-	-	-	-	-	3.6	3.4	88
92	-	-	-	-	-	-	-	-	-	2.9	92
1)	8.6	8.4	7.3	6.2	6.2	5.3	4.4	3.7	3.1	2.4	1)

1) Capacities with horizontal boom

Operation

MS

6,400 lbs													20.3 ft x 21.0 ft		30°		360°		ASME B30.5	
ft													1,000 lbs		ft					
	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft									
10	46.6	48.1	49.9	50.4	50.9	51.3	35.3	35.3	35.3	35.3	-	10								
12	45.1	46.3	48.2	49.6	50.1	50.1	35.3	35.3	35.3	35.3	35.3	12								
14	43.4	44.9	46.5	48.0	49.1	47.7	35.3	35.3	35.3	35.3	35.3	14								
16	40.6	43.7	45.0	46.6	47.9	45.1	35.3	35.3	35.3	35.3	35.3	16								
18	39.9	41.7	44.1	45.2	46.8	42.2	35.3	35.3	35.3	35.3	35.3	18								
20	-	39.7	42.5	42.4	42.2	39.3	35.3	35.3	35.3	35.3	35.3	20								
24	-	-	34.6	35.0	34.7	34.6	35.3	35.0	34.9	34.7	34.9	24								
28	-	-	-	28.7	28.0	27.6	29.3	28.7	28.3	28.3	29.1	28								
32	-	-	-	-	22.1	21.7	23.2	22.8	22.4	23.6	23.1	32								
36	-	-	-	-	-	17.5	19.0	18.6	18.2	19.3	18.8	36								
40	-	-	-	-	-	-	15.9	15.5	15.0	16.1	15.7	40								
44	-	-	-	-	-	-	-	12.9	12.5	13.6	13.4	44								
48	-	-	-	-	-	-	-	-	10.6	11.7	11.5	48								
52	-	-	-	-	-	-	-	-	-	10.1	9.9	52								
1)	39.9	34.4	29.8	24.0	19.2	15.4	14.3	11.7	9.9	9.5	7.9	1)								

ft													1,000 lbs		ft	
	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft						
14	35.3	-	-	-	-	-	-	-	-	-	-	14				
16	35.3	35.3	-	-	-	-	-	-	-	-	-	16				
18	35.3	35.3	35.3	-	-	-	-	-	-	-	-	18				
20	35.1	35.3	35.3	34.4	31.8	-	-	-	-	-	-	20				
24	32.7	33.6	33.5	31.6	29.1	29.5	24.7	26.7	-	-	-	24				
28	28.9	28.1	27.2	27.2	26.8	26.5	22.0	24.9	19.4	19.6	-	28				
32	22.8	23.0	23.2	23.0	22.6	21.9	19.6	21.5	17.7	18.0	-	32				
36	18.6	19.5	19.3	18.8	18.6	18.4	17.7	18.1	16.3	16.6	-	36				
40	15.5	16.3	16.0	15.7	15.5	15.2	15.0	15.2	15.0	15.1	-	40				
44	12.9	13.8	13.6	13.2	12.9	12.9	13.3	13.2	12.9	12.7	-	44				
48	11.1	12.0	11.7	11.3	11.3	11.7	11.5	11.3	11.1	10.9	-	48				
52	9.5	10.3	10.1	9.9	10.5	10.1	9.9	9.7	9.5	9.2	-	52				
56	8.3	9.0	8.8	8.5	9.2	9.0	8.7	8.5	8.1	7.9	-	56				
60	-	8.0	7.7	7.5	8.1	7.7	7.5	7.2	7.0	6.8	-	60				
64	-	-	6.7	6.4	7.2	6.8	6.6	6.3	6.1	5.8	-	64				
68	-	-	-	5.5	6.4	5.9	5.7	5.5	5.3	5.0	-	68				
72	-	-	-	4.9	5.5	5.3	4.9	4.7	4.4	4.2	-	72				
76	-	-	-	-	-	4.6	4.3	4.1	3.9	3.7	-	76				
80	-	-	-	-	-	-	3.8	3.6	3.4	3.1	-	80				
84	-	-	-	-	-	-	-	3.0	2.8	2.6	-	84				
88	-	-	-	-	-	-	-	-	2.5	2.2	-	88				
92	-	-	-	-	-	-	-	-	-	1.8	-	92				
1)	6.8	6.8	5.5	4.6	4.9	4.0	3.3	2.6	2.0	1.5	-	1)				

1) Capacities with horizontal boom

Operation

0 lbs													20.3 ft x 21.0 ft		30°		360°		ASME B30.5	
ft													1,000 lbs		ft					
ft	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft	ft								
10	46.6	48.1	49.9	50.4	50.9	51.3	35.3	35.3	35.3	35.3	-	10								
12	45.1	46.3	48.2	49.6	50.1	50.1	35.3	35.3	35.3	35.3	35.3	12								
14	43.4	44.9	46.5	48.0	49.1	47.7	35.3	35.3	35.3	35.3	35.3	14								
16	40.6	43.7	45.0	46.6	47.9	45.1	35.3	35.3	35.3	35.3	35.3	16								
18	39.9	41.7	44.1	45.2	45.0	42.2	35.3	35.3	35.3	35.3	35.3	18								
20	-	39.2	40.1	39.9	39.6	38.8	35.3	35.3	35.3	35.2	35.2	20								
24	-	-	30.3	31.3	30.7	30.0	32.1	31.3	30.5	30.9	30.5	24								
28	-	-	-	23.2	22.8	22.1	23.9	23.4	23.0	24.3	23.9	28								
32	-	-	-	-	17.6	17.2	18.7	18.3	17.8	19.2	18.7	32								
36	-	-	-	-	-	13.5	15.1	14.6	14.2	15.5	15.1	36								
40	-	-	-	-	-	-	12.4	12.0	11.6	12.7	12.4	40								
44	-	-	-	-	-	-	-	9.9	9.6	10.7	10.3	44								
48	-	-	-	-	-	-	-	-	8.0	9.1	8.6	48								
52	-	-	-	-	-	-	-	-	-	7.7	7.4	52								
1)	39.9	31.5	24.0	19.4	15.2	11.9	11.0	9.0	7.3	7.3	5.7	1)								

ft													1,000 lbs		ft	
ft	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft	ft					
14	35.3	-	-	-	-	-	-	-	-	-	-	14				
16	35.3	35.3	-	-	-	-	-	-	-	-	-	16				
18	35.3	35.3	35.3	-	-	-	-	-	-	-	-	18				
20	35.1	35.0	34.8	34.2	31.8	-	-	-	-	-	-	20				
24	29.5	28.4	28.0	28.1	27.4	26.6	24.7	25.7	-	-	-	24				
28	23.4	24.3	23.5	22.6	21.9	21.3	20.6	20.6	19.4	19.5	-	28				
32	18.3	19.4	18.9	18.5	18.0	17.4	17.0	17.2	17.0	16.4	-	32				
36	14.6	15.7	15.3	15.1	14.6	15.0	15.1	14.6	14.2	13.7	-	36				
40	12.0	12.9	12.6	12.2	13.1	12.8	12.4	12.2	12.0	11.6	-	40				
44	10.0	10.9	10.5	10.3	11.0	10.7	10.5	10.3	10.0	9.8	-	44				
48	8.4	9.3	8.9	8.6	9.4	9.1	8.9	8.6	8.4	8.0	-	48				
52	7.0	7.9	7.6	7.2	8.1	7.7	7.4	7.2	7.0	6.8	-	52				
56	5.9	6.8	6.6	6.1	7.0	6.6	6.3	6.1	5.9	5.7	-	56				
60	-	5.8	5.5	5.1	6.0	5.7	5.3	5.1	4.9	4.7	-	60				
64	-	-	4.7	4.4	5.2	4.8	4.5	4.3	4.1	3.9	-	64				
68	-	-	-	3.7	4.4	4.1	3.9	3.6	3.4	3.2	-	68				
72	-	-	-	3.1	3.8	3.6	3.3	2.9	2.7	2.5	-	72				
76	-	-	-	-	-	3.0	2.8	2.4	2.2	1.9	-	76				
80	-	-	-	-	-	-	2.3	2.0	1.8	-	-	80				
84	-	-	-	-	-	-	-	1.6	-	-	-	84				
1)	4.6	4.9	3.7	2.9	3.3	2.4	1.8	1.3	-	-	-	1)				

1) Capacities with horizontal boom

Operation

11,700 lbs													14.4 ft x 21.0 ft													30°													360°													ASME B30.5																																																																																										
25.6 ft													29.2 ft													33.1 ft													37.1 ft													40.7 ft													44.6 ft													48.6 ft													52.5 ft													56.1 ft													60.0 ft													64.0 ft												
ft													1,000 lbs													ft																																																																																																																				
10	46.6	48.1	49.9	50.4	50.9	51.3	35.3	35.3	35.3	35.3	35.3	-	10																																																																																																																																	
12	45.1	46.3	48.2	49.6	50.1	50.1	35.3	35.3	35.3	35.3	35.3	35.3	12																																																																																																																																	
14	43.4	44.9	46.5	48.0	49.0	47.5	35.3	35.3	35.3	35.3	35.3	35.3	14																																																																																																																																	
16	40.6	43.0	42.9	42.9	42.8	41.5	35.3	35.3	35.3	35.3	35.3	35.3	16																																																																																																																																	
18	35.8	35.5	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	34.6	18																																																																																																																																	
20	-	29.2	30.1	30.9	30.3	29.8	31.4	30.9	30.5	31.6	30.5	30.5	20																																																																																																																																	
24	-	-	21.7	22.4	22.0	21.7	23.0	22.6	22.1	23.3	23.0	23.0	24																																																																																																																																	
28	-	-	-	17.3	16.9	16.4	17.8	17.3	17.1	18.0	17.8	17.8	28																																																																																																																																	
32	-	-	-	-	13.4	13.1	14.2	13.9	13.5	14.5	14.2	14.2	32																																																																																																																																	
36	-	-	-	-	-	10.6	11.7	11.3	11.1	12.0	11.7	11.7	36																																																																																																																																	
40	-	-	-	-	-	-	9.9	9.4	9.2	10.1	9.7	9.7	40																																																																																																																																	
44	-	-	-	-	-	-	-	8.0	7.8	8.5	8.3	8.3	44																																																																																																																																	
48	-	-	-	-	-	-	-	-	6.5	7.4	7.2	7.2	48																																																																																																																																	
52	-	-	-	-	-	-	-	-	-	6.3	6.1	6.1	52																																																																																																																																	
1)	31.3	22.5	17.9	14.6	11.7	9.3	8.8	7.3	6.0	6.0	4.9	4.9	1)																																																																																																																																	

67.6 ft													71.5 ft													75.5 ft													79.4 ft													83.0 ft													86.9 ft													90.9 ft													94.5 ft													98.4 ft													102.4 ft												
ft													1,000 lbs													ft																																																																																																							
14	35.3	-	-	-	-	-	-	-	-	-	-	-	14																																																																																																																				
16	35.3	35.3	-	-	-	-	-	-	-	-	-	-	16																																																																																																																				
18	33.6	32.5	32.5	-	-	-	-	-	-	-	-	-	18																																																																																																																				
20	29.7	29.9	29.0	28.2	27.3	22.5	-	-	-	-	-	-	20																																																																																																																				
24	22.6	23.5	23.1	22.6	21.8	21.2	20.6	20.9	-	-	-	-	24																																																																																																																				
28	17.5	18.2	18.0	17.7	17.6	18.2	17.8	17.3	16.9	16.4	16.4	16.4	28																																																																																																																				
32	14.0	14.7	14.4	14.2	14.8	14.5	14.3	14.1	13.9	13.7	13.7	13.7	32																																																																																																																				
36	11.5	12.2	12.0	11.5	12.2	12.0	11.7	11.5	11.3	11.3	11.3	11.3	36																																																																																																																				
40	9.4	10.1	9.9	9.7	10.3	10.1	9.9	9.7	9.4	9.2	9.2	9.2	40																																																																																																																				
44	8.0	8.7	8.5	8.2	8.7	8.5	8.3	8.2	8.0	7.8	7.8	7.8	44																																																																																																																				
48	6.8	7.4	7.2	6.9	7.6	7.4	7.2	6.9	6.7	6.7	6.7	6.7	48																																																																																																																				
52	5.9	6.5	6.3	6.1	6.5	6.3	6.1	6.1	5.8	5.6	5.6	5.6	52																																																																																																																				
56	5.0	5.7	5.5	5.2	5.7	5.5	5.3	5.2	5.0	4.8	4.8	4.8	56																																																																																																																				
60	-	4.9	4.7	4.5	4.9	4.7	4.7	4.5	4.3	4.1	4.1	4.1	60																																																																																																																				
64	-	-	4.2	4.0	4.4	4.2	4.0	3.9	3.7	3.5	3.5	3.5	64																																																																																																																				
68	-	-	-	3.4	3.9	3.6	3.4	3.4	3.2	3.0	3.0	3.0	68																																																																																																																				
72	-	-	-	2.9	3.5	3.3	3.1	2.9	2.7	2.7	2.7	2.7	72																																																																																																																				
76	-	-	-	-	-	2.8	2.6	2.6	2.4	2.1	2.1	2.1	76																																																																																																																				
80	-	-	-	-	-	-	2.3	2.1	1.9	1.7	1.7	1.7	80																																																																																																																				
84	-	-	-	-	-	-	-	1.7	1.5	-	-	-	84																																																																																																																				
1)	4.2	4.2	3.5	2.9	3.1	2.4	2.0	1.3	-	-	-	-	1)																																																																																																																				

1) Capacities with horizontal boom

Operation

11,700 lbs													7.7 ft x 21.0 ft		30°		360°		ASME B30.5																			
25.6 ft													29.2 ft		33.1 ft		37.1 ft		40.7 ft		44.6 ft		48.6 ft		52.5 ft		56.1 ft		60.0 ft		64.0 ft							
ft													1,000 lbs													ft												
18	15.9	15.5	16.4	16.8	16.4	16.2	17.3	17.0	16.6	17.7	17.3	18																										
20	-	13.1	13.8	14.2	14.0	13.6	14.7	14.4	14.0	15.1	14.7	20																										
24	-	-	10.2	10.6	10.3	10.0	11.1	10.8	10.4	11.3	11.1	24																										
28	-	-	-	8.3	7.9	7.7	8.6	8.3	8.1	8.8	8.5	28																										
32	-	-	-	-	6.2	5.8	6.9	6.5	6.3	7.1	6.8	32																										
36	-	-	-	-	-	4.7	5.5	5.3	5.1	5.8	5.5	36																										
40	-	-	-	-	-	-	4.5	4.2	4.0	4.7	4.5	40																										
44	-	-	-	-	-	-	-	3.4	3.2	3.8	3.6	44																										
48	-	-	-	-	-	-	-	-	2.6	3.2	3.0	48																										
52	-	-	-	-	-	-	-	-	-	2.7	2.5	52																										
1)	14.1	10.1	8.2	6.8	5.3	4.0	4.0	3.1	2.2	2.4	1.8	1)																										

67.6 ft													71.5 ft		75.5 ft		79.4 ft		83.0 ft		86.9 ft		90.9 ft		94.5 ft		98.4 ft		102.4 ft									
ft													1,000 lbs													ft												
18	17.0	17.7	16.8	-	-	-	-	-	-	-	-	18																										
20	14.4	15.1	14.9	14.3	15.0	14.3	-	-	-	-	-	20																										
24	10.8	11.5	11.2	11.0	11.5	11.3	11.0	10.7	-	-	-	24																										
28	8.3	9.0	8.8	8.5	9.0	8.8	8.6	8.5	8.3	7.9	28																											
32	6.6	7.2	6.9	6.7	7.4	7.2	6.9	6.7	6.5	6.4	32																											
36	5.3	6.0	5.5	5.5	6.0	5.8	5.5	5.3	5.3	5.1	36																											
40	4.2	4.9	4.7	4.5	4.9	4.7	4.5	4.5	4.2	4.0	40																											
44	3.4	4.0	3.8	3.6	4.0	3.8	3.8	3.6	3.4	3.3	44																											
48	2.8	3.2	3.0	3.0	3.5	3.2	3.0	2.8	2.8	2.6	48																											
52	2.3	2.7	2.5	2.3	2.9	2.7	2.5	2.3	2.3	2.1	52																											
56	1.7	2.4	2.2	2.0	2.4	2.2	2.0	2.0	-	-	56																											
60	-	1.9	1.7	-	1.9	1.7	1.6	-	-	-	60																											
64	-	-	-	-	1.7	-	-	-	-	-	64																											
1)	-	1.5	-	-	-	-	-	-	-	-	-	1)																										

1) Capacities with horizontal boom

Operation

MS

11,700 lbs													20.3 ft x 21.0 ft													0°													360°													ASME B30.5																																																																																										
25.6 ft													29.2 ft													33.1 ft													37.1 ft													40.7 ft													44.6 ft													48.6 ft													52.5 ft													56.1 ft													60.0 ft													64.0 ft												
ft													1,000 lbs													ft																																																																																																																				
14	57.1	-	-	-	-	-	-	-	-	-	-	-	14																																																																																																																																	
16	56.9	55.1	-	-	-	-	-	-	-	-	-	-	16																																																																																																																																	
18	51.1	50.6	-	-	-	-	-	-	-	-	-	-	18																																																																																																																																	
20	-	44.9	44.4	-	-	-	-	-	-	-	-	-	20																																																																																																																																	
24	-	-	35.9	35.5	35.3	-	-	-	-	-	-	-	24																																																																																																																																	
28	-	-	-	31.2	30.9	30.5	-	-	-	-	-	-	28																																																																																																																																	
32	-	-	-	-	25.7	25.1	26.7	26.2	-	-	-	-	32																																																																																																																																	
36	-	-	-	-	-	20.6	21.9	21.5	21.0	-	-	-	36																																																																																																																																	
40	-	-	-	-	-	-	18.5	18.0	17.6	18.7	18.3	-	40																																																																																																																																	
44	-	-	-	-	-	-	-	15.4	15.0	16.0	15.6	-	44																																																																																																																																	
48	-	-	-	-	-	-	-	-	12.8	13.9	13.5	-	48																																																																																																																																	
52	-	-	-	-	-	-	-	-	-	12.1	11.9	-	52																																																																																																																																	
1)	39.9	34.4	30.6	27.3	22.3	18.1	16.5	13.9	11.9	11.5	9.7	1)																																																																																																																																		

67.6 ft													71.5 ft													75.5 ft													79.4 ft													83.0 ft													86.9 ft													90.9 ft													94.5 ft													98.4 ft													102.4 ft												
ft													1,000 lbs													ft																																																																																																							
44	15.4	-	-	-	-	-	-	-	-	-	-	-	44																																																																																																																				
48	13.2	14.1	13.7	-	-	-	-	-	-	-	-	-	48																																																																																																																				
52	11.4	12.3	11.9	-	-	-	-	-	-	-	-	-	52																																																																																																																				
56	10.1	10.9	10.5	10.3	10.1	10.1	-	-	-	-	-	-	56																																																																																																																				
60	-	9.7	9.4	9.0	9.1	9.4	9.2	-	-	-	-	-	60																																																																																																																				
64	-	-	8.4	8.0	8.4	8.4	8.2	7.9	-	-	-	-	64																																																																																																																				
68	-	-	7.5	7.1	7.8	7.5	7.2	7.0	6.8	6.6	-	-	68																																																																																																																				
72	-	-	-	6.4	7.1	6.6	6.4	6.2	6.0	5.8	-	-	72																																																																																																																				
76	-	-	-	-	-	6.1	5.7	5.4	5.2	5.0	-	-	76																																																																																																																				
80	-	-	-	-	-	-	5.1	4.9	4.7	4.4	-	-	80																																																																																																																				
84	-	-	-	-	-	-	-	4.4	4.1	3.7	-	-	84																																																																																																																				
88	-	-	-	-	-	-	-	-	3.6	3.3	-	-	88																																																																																																																				
92	-	-	-	-	-	-	-	-	-	2.9	-	-	92																																																																																																																				
1)	8.4	8.4	7.1	6.2	6.2	5.3	4.4	3.7	3.1	2.4	1)																																																																																																																						

1) Capacities with horizontal boom

Operation

6,400 lbs		20.3 ft x 21.0 ft		0°		360°		ASME B30.5				
ft	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft	ft
1,000 lbs												
14	57.1	-	-	-	-	-	-	-	-	-	-	14
16	55.1	54.1	-	-	-	-	-	-	-	-	-	16
18	48.9	48.4	-	-	-	-	-	-	-	-	-	18
20	-	42.9	42.4	-	-	-	-	-	-	-	-	20
24	-	-	34.6	34.9	34.6	-	-	-	-	-	-	24
28	-	-	-	28.5	27.8	27.4	-	-	-	-	-	28
32	-	-	-	-	21.9	21.5	23.0	22.6	-	-	-	32
36	-	-	-	-	-	17.3	18.8	18.4	17.9	-	-	36
40	-	-	-	-	-	-	15.7	15.2	14.9	16.1	15.7	40
44	-	-	-	-	-	-	-	12.9	12.5	13.6	13.2	44
48	-	-	-	-	-	-	-	-	10.6	11.7	11.3	48
52	-	-	-	-	-	-	-	-	-	10.1	9.9	52
1)	39.9	34.4	29.1	23.6	19.0	15.2	14.1	11.7	9.9	9.5	7.9	1)

ft	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft	ft
1,000 lbs											
44	12.9	-	-	-	-	-	-	-	-	-	44
48	11.1	11.7	11.5	-	-	-	-	-	-	-	48
52	9.5	10.3	9.9	-	-	-	-	-	-	-	52
56	8.3	9.0	8.8	8.3	9.2	8.8	-	-	-	-	56
60	-	8.0	7.7	7.2	8.0	7.7	7.5	-	-	-	60
64	-	-	6.7	6.3	7.2	6.7	6.5	6.3	-	-	64
68	-	-	5.9	5.5	6.4	5.9	5.7	5.5	5.2	5.0	68
72	-	-	-	4.9	5.5	5.3	4.9	4.7	4.4	4.2	72
76	-	-	-	-	-	4.6	4.3	4.1	3.9	3.6	76
80	-	-	-	-	-	-	3.8	3.6	3.4	3.0	80
84	-	-	-	-	-	-	-	3.0	2.8	2.6	84
88	-	-	-	-	-	-	-	-	2.3	2.1	88
92	-	-	-	-	-	-	-	-	-	1.8	92
1)	6.6	6.6	5.5	4.6	4.9	4.0	3.3	2.6	2.0	1.5	1)

1) Capacities with horizontal boom

Operation

MS

11,700 lbs		14.4 ft x 21.0 ft		0°		360°		ASME B30.5				
ft	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft	ft
1,000 lbs												
14	55.0	-	-	-	-	-	-	-	-	-	-	14
16	45.3	44.4	-	-	-	-	-	-	-	-	-	16
18	35.9	35.0	-	-	-	-	-	-	-	-	-	18
20	-	29.0	29.8	-	-	-	-	-	-	-	-	20
24	-	-	21.7	22.4	21.7	-	-	-	-	-	-	24
28	-	-	-	17.1	16.7	16.2	-	-	-	-	-	28
32	-	-	-	-	13.3	12.9	14.1	13.8	-	-	-	32
36	-	-	-	-	-	10.6	11.7	11.3	10.9	-	-	36
40	-	-	-	-	-	-	9.7	9.4	9.0	9.9	9.7	40
44	-	-	-	-	-	-	-	8.0	7.6	8.5	8.2	44
48	-	-	-	-	-	-	-	-	6.5	7.4	6.9	48
52	-	-	-	-	-	-	-	-	-	6.3	6.1	52
1)	30.4	22.0	17.4	14.3	11.5	9.3	8.8	7.3	6.0	6.0	4.9	1)

ft	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft	ft
1,000 lbs											
44	7.8	-	-	-	-	-	-	-	-	-	44
48	6.7	7.4	7.2	-	-	-	-	-	-	-	48
52	5.8	6.5	6.1	-	-	-	-	-	-	-	52
56	5.0	5.7	5.3	5.0	5.7	5.5	-	-	-	-	56
60	-	4.9	4.7	4.5	4.9	4.7	4.5	-	-	-	60
64	-	-	4.2	4.0	4.4	4.2	4.0	3.7	-	-	64
68	-	-	3.6	3.4	3.9	3.6	3.4	3.2	3.1	3.0	68
72	-	-	-	2.9	3.3	3.1	3.1	2.9	2.7	2.4	72
76	-	-	-	-	-	2.8	2.6	2.4	2.2	2.1	76
80	-	-	-	-	-	-	2.3	2.1	1.9	1.7	80
84	-	-	-	-	-	-	-	1.7	1.5	-	84
1)	4.2	4.2	3.5	2.9	3.1	2.4	2.0	1.3	-	-	1)

1) Capacities with horizontal boom

Operation

MS

11,700 lbs		7.7 ft x 21.0 ft										0°		360°		ASME B30.5	
		25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft					
ft	1,000 lbs											ft					
18	15.9	15.3	-	-	-	-	-	-	-	-	-	-	18				
20	-	12.9	13.6	-	-	-	-	-	-	-	-	-	20				
24	-	-	10.1	10.5	10.1	-	-	-	-	-	-	-	24				
28	-	-	-	8.1	7.7	7.5	-	-	-	-	-	-	28				
32	-	-	-	-	6.1	5.8	6.7	6.5	-	-	-	-	32				
36	-	-	-	-	-	4.7	5.5	5.1	4.9	-	-	-	36				
40	-	-	-	-	-	-	4.5	4.2	3.9	4.7	4.3	-	40				
44	-	-	-	-	-	-	-	3.4	3.1	3.8	3.6	-	44				
48	-	-	-	-	-	-	-	-	2.6	3.2	3.0	-	48				
52	-	-	-	-	-	-	-	-	-	2.7	2.5	-	52				
1)	13.7	9.9	8.2	6.8	5.3	4.0	4.0	3.1	2.2	2.4	1.8	1)					

		67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft		
ft	1,000 lbs											ft	
44	3.3	-	-	-	-	-	-	-	-	-	-	-	44
48	2.8	3.2	3.0	-	-	-	-	-	-	-	-	-	48
52	2.3	2.7	2.5	-	-	-	-	-	-	-	-	-	52
56	1.7	2.2	2.0	1.7	2.4	2.2	-	-	-	-	-	-	56
60	-	1.9	1.6	-	1.9	1.7	-	-	-	-	-	-	60
64	-	-	-	-	1.5	-	-	-	-	-	-	-	64
1)	-	1.3	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

Operation

MS

11,700 lbs		20.3 ft x 21.0 ft		-20°		360°		ASME B30.5				
ft	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft	ft
1,000 lbs												
18	51.1	-	-	-	-	-	-	-	-	-	-	18
20	-	44.7	-	-	-	-	-	-	-	-	-	20
28	-	-	-	31.2	-	-	-	-	-	-	-	28
32	-	-	-	-	25.6	-	-	-	-	-	-	32
36	-	-	-	-	-	20.4	-	-	-	-	-	36
40	-	-	-	-	-	-	18.5	-	-	-	-	40
44	-	-	-	-	-	-	-	15.4	-	-	-	44
48	-	-	-	-	-	-	-	-	12.8	13.9	-	48
52	-	-	-	-	-	-	-	-	-	12.1	-	52
1)	39.9	34.4	-	27.6	22.5	18.1	16.8	14.1	11.9	11.5	-	1)

67.6 ft		71.5 ft		75.5 ft		79.4 ft		83.0 ft		86.9 ft		90.9 ft		94.5 ft		98.4 ft		102.4 ft	
ft	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft	ft								
1,000 lbs																			
56	10.1	-	-	-	-	-	-	-	-	-	56								
60	-	9.7	-	-	-	-	-	-	-	-	60								
64	-	-	8.3	-	-	-	-	-	-	-	64								
68	-	-	7.5	7.0	-	-	-	-	-	-	68								
72	-	-	-	6.2	7.1	-	-	-	-	-	72								
76	-	-	-	-	-	5.9	5.7	-	-	-	76								
80	-	-	-	-	-	-	5.1	4.7	-	-	80								
84	-	-	-	-	-	-	-	4.3	3.9	-	84								
88	-	-	-	-	-	-	-	-	3.6	3.2	88								
92	-	-	-	-	-	-	-	-	-	2.9	92								
1)	8.6	8.4	7.1	6.2	6.2	5.3	4.4	3.7	3.1	2.4	1)								

1) Capacities with horizontal boom

Operation

MS

6,400 lbs		20.3 ft x 21.0 ft										- 20°		360°		ASME B30.5	
		25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft					
ft		1,000 lbs										ft					
18	48.7	-	-	-	-	-	-	-	-	-	-	-	18				
20	-	42.7	-	-	-	-	-	-	-	-	-	-	20				
28	-	-	-	28.3	-	-	-	-	-	-	-	-	28				
32	-	-	-	-	21.9	-	-	-	-	-	-	-	32				
36	-	-	-	-	-	17.3	-	-	-	-	-	-	36				
40	-	-	-	-	-	-	15.7	-	-	-	-	-	40				
44	-	-	-	-	-	-	-	12.9	-	-	-	-	44				
48	-	-	-	-	-	-	-	-	10.6	11.7	-	-	48				
52	-	-	-	-	-	-	-	-	-	10.1	-	-	52				
1)	39.9	34.4	-	23.8	19.2	15.4	14.1	11.7	9.9	9.5	-	-	1)				

		67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft		
ft		1,000 lbs										ft	
56	8.1	-	-	-	-	-	-	-	-	-	-	-	56
60	-	7.9	-	-	-	-	-	-	-	-	-	-	60
64	-	-	6.6	-	-	-	-	-	-	-	-	-	64
68	-	-	5.9	5.5	-	-	-	-	-	-	-	-	68
72	-	-	-	4.9	5.5	-	-	-	-	-	-	-	72
76	-	-	-	-	-	4.6	4.3	-	-	-	-	-	76
80	-	-	-	-	-	-	3.8	3.4	-	-	-	-	80
84	-	-	-	-	-	-	-	3.0	2.7	-	-	-	84
88	-	-	-	-	-	-	-	-	2.3	2.1	-	-	88
92	-	-	-	-	-	-	-	-	-	1.8	-	-	92
1)	6.8	6.8	5.5	4.6	4.9	4.0	3.3	2.6	2.0	1.5	-	-	1)

0 lbs		20.3 ft x 21.0 ft										- 20°		360°		ASME B30.5	
		25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft					
ft		1,000 lbs										ft					
18	46.0	-	-	-	-	-	-	-	-	-	-	-	18				
20	-	40.1	-	-	-	-	-	-	-	-	-	-	20				
28	-	-	-	23.0	-	-	-	-	-	-	-	-	28				
32	-	-	-	-	17.4	-	-	-	-	-	-	-	32				
36	-	-	-	-	-	13.3	-	-	-	-	-	-	36				
40	-	-	-	-	-	-	12.2	-	-	-	-	-	40				
44	-	-	-	-	-	-	-	9.8	-	-	-	-	44				
48	-	-	-	-	-	-	-	-	7.8	8.9	-	-	48				
52	-	-	-	-	-	-	-	-	-	7.7	-	-	52				
1)	39.9	31.1	-	19.2	15.0	11.7	11.0	8.8	7.3	7.1	-	-	1)				

		67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft		
ft		1,000 lbs										ft	
56	5.7	-	-	-	-	-	-	-	-	-	-	-	56
60	-	5.8	-	-	-	-	-	-	-	-	-	-	60
64	-	-	4.6	-	-	-	-	-	-	-	-	-	64
68	-	-	3.9	3.6	-	-	-	-	-	-	-	-	68
72	-	-	-	3.1	3.8	-	-	-	-	-	-	-	72
76	-	-	-	-	-	2.8	2.6	-	-	-	-	-	76
80	-	-	-	-	-	-	2.1	1.9	-	-	-	-	80
84	-	-	-	-	-	-	-	1.6	-	-	-	-	84
1)	4.6	4.9	3.7	2.9	3.1	2.4	1.8	1.3	-	-	-	-	1)

1) Capacities with horizontal boom

Operation

MS

11,700 lbs		14.4 ft x 21.0 ft		- 20°		360°		ASME B30.5				
ft	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft	ft
1,000 lbs												
18	35.7	-	-	-	-	-	-	-	-	-	-	18
20	-	28.6	-	-	-	-	-	-	-	-	-	20
28	-	-	-	17.1	-	-	-	-	-	-	-	28
32	-	-	-	-	13.3	-	-	-	-	-	-	32
36	-	-	-	-	-	10.4	-	-	-	-	-	36
40	-	-	-	-	-	-	9.7	-	-	-	-	40
44	-	-	-	-	-	-	-	7.8	-	-	-	44
48	-	-	-	-	-	-	-	-	6.5	7.2	-	48
52	-	-	-	-	-	-	-	-	-	6.3	-	52
1)	30.9	22.3	-	14.6	11.7	9.3	8.8	7.3	6.0	6.0	-	1)

ft	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft	ft
1,000 lbs											
56	5.0	-	-	-	-	-	-	-	-	-	56
60	-	4.9	-	-	-	-	-	-	-	-	60
64	-	-	4.0	-	-	-	-	-	-	-	64
68	-	-	3.6	3.4	-	-	-	-	-	-	68
72	-	-	-	2.9	3.3	-	-	-	-	-	72
76	-	-	-	-	-	2.8	2.6	-	-	-	76
80	-	-	-	-	-	-	2.3	2.0	-	-	80
84	-	-	-	-	-	-	-	1.6	1.4	-	84
1)	4.2	4.2	3.5	2.9	3.1	2.4	2.0	1.3	-	-	1)

11,700 lbs		7.7 ft x 21.0 ft		- 20°		360°		ASME B30.5				
ft	25.6 ft	29.2 ft	33.1 ft	37.1 ft	40.7 ft	44.6 ft	48.6 ft	52.5 ft	56.1 ft	60.0 ft	64.0 ft	ft
1,000 lbs												
18	15.7	-	-	-	-	-	-	-	-	-	-	18
20	-	12.7	-	-	-	-	-	-	-	-	-	20
28	-	-	-	8.1	-	-	-	-	-	-	-	28
32	-	-	-	-	6.1	-	-	-	-	-	-	32
36	-	-	-	-	-	4.4	-	-	-	-	-	36
40	-	-	-	-	-	-	4.5	-	-	-	-	40
44	-	-	-	-	-	-	-	3.3	-	-	-	44
48	-	-	-	-	-	-	-	-	2.4	3.0	-	48
52	-	-	-	-	-	-	-	-	-	2.7	-	52
1)	13.9	9.9	-	6.8	5.3	4.0	4.0	3.1	2.2	2.4	-	1)

ft	67.6 ft	71.5 ft	75.5 ft	79.4 ft	83.0 ft	86.9 ft	90.9 ft	94.5 ft	98.4 ft	102.4 ft	ft
1,000 lbs											
60	-	1.9	-	-	-	-	-	-	-	-	60
1)	-	1.3	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

Operation

MS

11,700 lbs  0°*  30° ASME B30.5					
 	25.6 ft	33.1 ft	40.7 ft	44.6 ft	
ft	1,000 lbs				
10	36.6	36.0	35.5	35.3	
12	31.7	31.1	30.7	30.5	
14	27.8	27.4	26.9	26.3	
16	24.6	24.0	23.4	22.2	
18	21.2	20.4	19.9	19.0	
20	-	17.0	16.3	16.1	
24	-	12.3	11.6	11.6	
28	-	-	8.7	8.5	
32	-	-	6.5	6.4	
36	-	-	-	4.9	
1)	18.7	9.7	5.5	4.0	

11,700 lbs  0°*  0° ASME B30.5					
 	25.6 ft	33.1 ft	40.7 ft	44.6 ft	
ft	1,000 lbs				
14	27.6	-	-	-	
16	24.4	-	-	-	
18	21.2	-	-	-	
20	-	16.7	-	-	
24	-	12.0	11.4	-	
28	-	-	8.5	8.3	
32	-	-	6.5	6.3	
36	-	-	-	4.7	
1)	18.1	9.5	5.3	4.0	

11,700 lbs  180°**  30° ASME B30.5					
 	25.6 ft	33.1 ft	40.7 ft	44.6 ft	
ft	1,000 lbs				
10	26.8	26.1	25.7	25.5	
12	23.0	22.3	21.9	21.9	
14	20.0	19.3	18.9	18.8	
16	17.5	16.8	16.5	16.3	
18	15.3	14.8	14.4	14.2	
20	-	13.0	12.8	12.5	
24	-	10.3	9.9	9.8	
28	-	-	7.9	7.7	
32	-	-	6.1	6.1	
36	-	-	-	4.7	
1)	14.1	8.6	5.1	4.0	

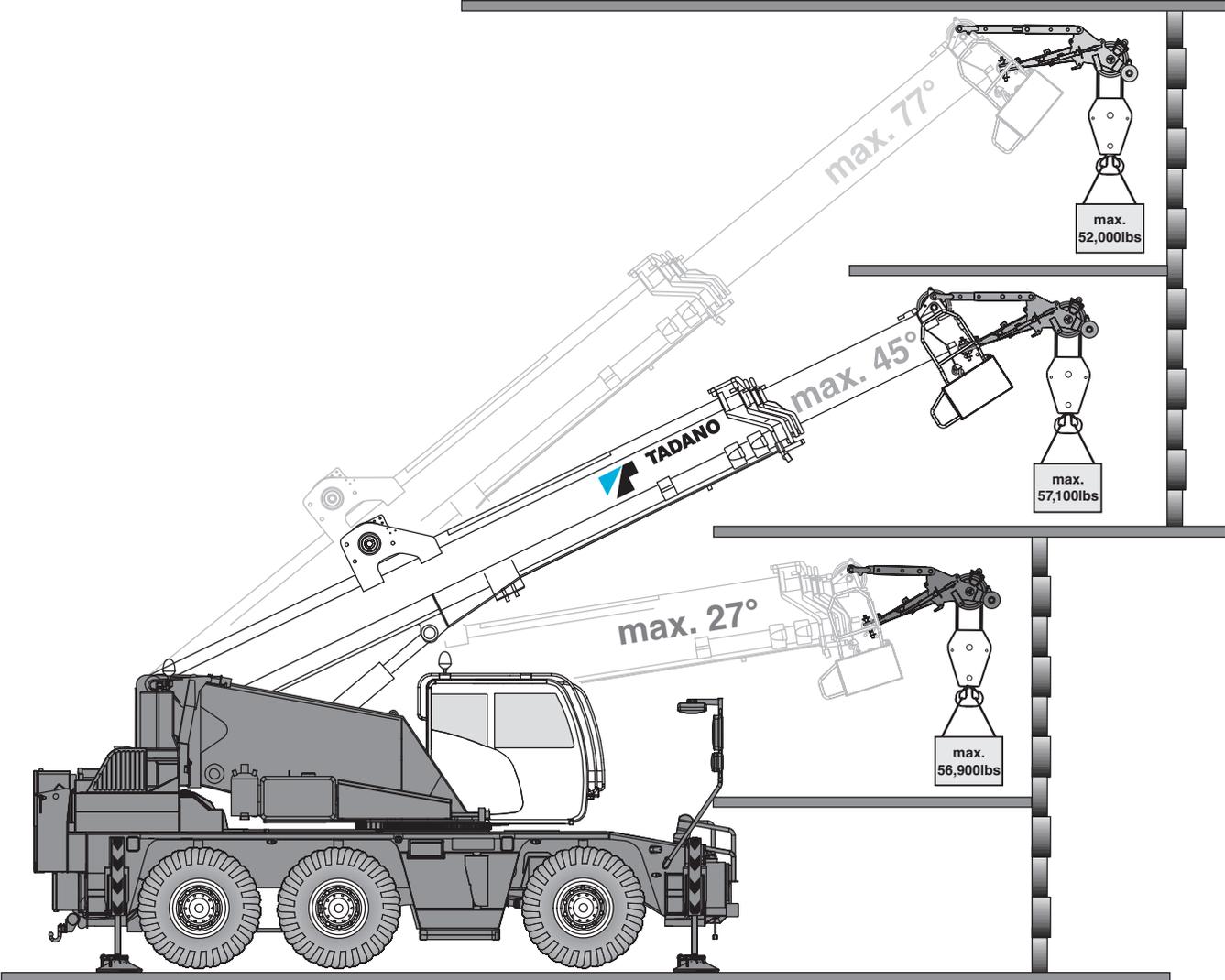
11,700 lbs  180°**  0° ASME B30.5					
 	25.6 ft	33.1 ft	40.7 ft	44.6 ft	
ft	1,000 lbs				
14	19.7	-	-	-	
16	17.2	-	-	-	
18	15.3	-	-	-	
20	-	12.8	-	-	
24	-	10.1	9.7	-	
28	-	-	7.7	7.5	
32	-	-	6.1	5.8	
36	-	-	-	4.7	
1)	13.7	8.4	5.1	3.7	

11,700 lbs  360°  30° ASME B30.5					
 	25.6 ft	33.1 ft	40.7 ft	44.6 ft	
ft	1,000 lbs				
16	13.4	12.8	12.3	12.1	
18	11.3	10.8	10.4	10.2	
20	-	9.3	8.8	8.6	
24	-	6.7	6.3	6.3	
28	-	-	4.6	4.4	
32	-	-	3.1	2.9	
36	-	-	-	1.8	
1)	10.1	5.1	2.4	1.3	

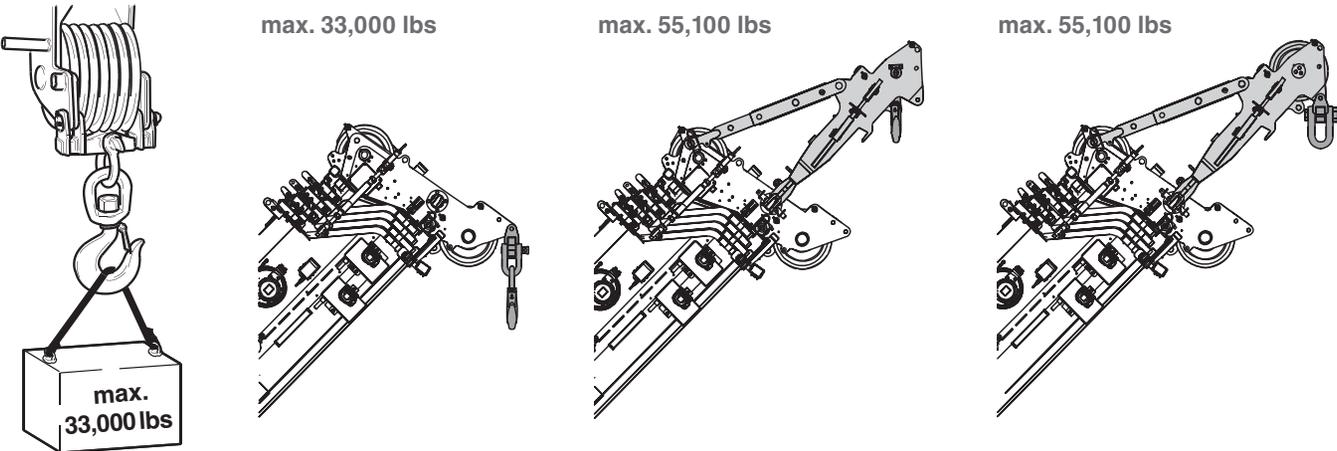
11,700 lbs  360°  0° ASME B30.5					
 	25.6 ft	33.1 ft	40.7 ft	44.6 ft	
ft	1,000 lbs				
16	13.2	-	-	-	
18	11.3	-	-	-	
20	-	9.0	-	-	
24	-	6.5	6.1	-	
28	-	-	4.4	4.1	
32	-	-	3.0	2.9	
36	-	-	-	1.8	
1)	9.9	5.1	2.2	-	

1) Capacities with horizontal boom * over rear ** over front

Runner



Hook traverse



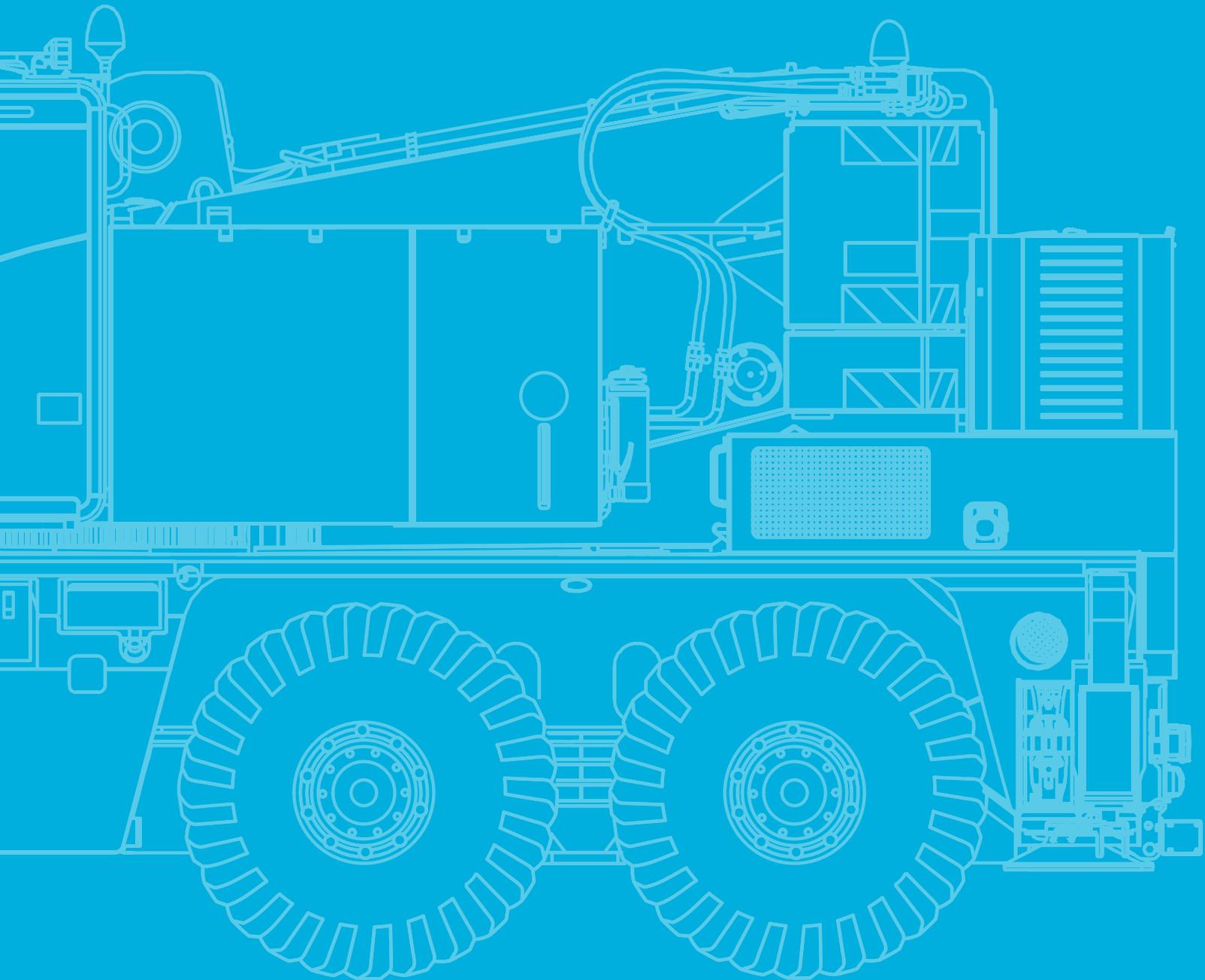
Notes to Lifting Capacity

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	79 gallons Diesel (no RME / biodiesel); 11 gallons AdBlue tank.
Transmission Allison	Automated gearbox with torque converter, 6 forward speeds and 1 reverse; 2-stage transfer case with switchable off-road gear and switchable longitudinal lock.
Axles 6 x 4 x 6	All 3 axles steered, axles 1 and 3 are 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 semiblock steering with emergency steering pump; Active rear axle steering.
Brakes	Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disk brakes; Additional decompression brake; Spring-loaded parking brake.
Tires	Tire size 445/65 R22.5 (18.00 R22.5); Steel rim 14-22.5.
Drive lights	Including low beam, upper beam, daytime running 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 of 7.7 ft, 14.4 ft, 20.3 ft. 4 round outrigger pads A = 0.66 ft ² with transport position at vertical cylinder; Polyamide.
Pneumatic tire filling plug	For self-filling of the wheels.

Equipment superstructure

Telescopic boom HA31	25.6 ft - 102.4 ft; Fully hydraulic telescoping system; Attachments for all equipment and extensions; 5 sheaves integrated in boom head for max. capacity of 88,200 lbs.
Boom luffing	Single 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 11,700 lbs	3 pieces (①-③); 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 load moment indicator acc. 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.
Outrigger basis monitoring	Surveillance of each outrigger beam for detection of horizontal stroke; Warning in case of anomaly in crane cabin (Attention: There is no automatic linkage with the LMI-system).
Outrigger load indicator	The outrigger load is indicated in the crane cabin and the outrigger control box.
Working range limiter	Displaying and programmability of the work range limits by IC-1.
Cab 875	Type 2.87 ft; Steering wheel height and tilt adjustable; Seat heating; Tinted glass; Power mirrors with heater; Handrails; Pull-down sun visor and light curtains; Radio; Seat heating; Heating engine-independent; Aircondition.
Rear view camera:	Display in carrier cab; Cameras installed on rear of vehicle.
Electronic immobilizer system	Prevents uncontrolled carrier mobilization; Incl. 5 ignition keys.
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 connectable with longitudinal lock; All 3 axles equipped with shiftable transverse lock.
CombiBox tail	Storage box for crane equipment at carrier tail.
Hook storage	Storage for single line hook at carrier front.
Timber storage front	Storage for 20 x squared timber 10 x 10 x 3.3 ft at carrier front incl. lashing for secure stowage.

Superstructure

2. hoist (H2)	Spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. quick couplings.
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 operations via wireless remote control.
E-Pack	Electro-hydraulic pump aggregate for emission free crane operation.

Extensions

HAV 23.3 ft	Swing-away jib, manual offset 30°; 1-sheaved head; Incl. transport storage.
HAV 42.7 ft	Double folding swing-away jib, manual offset 30°; 1-sheaved head; Incl. transport storage; Includes HAV 23.3 ft.
MS (runner)	4.3 ft; Variable assembly jib (runner) with manual offset; 3 sheaves; Max. capacity 57,100 lbs.
Hook traverse 55,100 lbs	For runner, installation in sheave axis; Incl. hook; Note: sheave axis needs to be removed.
Boom head traverse 55,100 lbs	For runner, installation in front of sheave axis; Incl. shackle.
Boom head traverse 33,000 lbs	Boom head traverse for main boom head or runner; Incl. shackle and hook.

Hook Blocks

Hook block 110,200 lbs, 5-sheaves	Max. capacity of 88,200 lbs; 904 lbs; Double hook, red with white signal stripes.
Hook block 70,600 lbs, 3-sheaves	Max. capacity of 66,200 lbs; 772 lbs; Double hook, red with white signal stripes.
Hook block 35,300 lbs, 1-sheave	Max. capacity of 29,000 lbs; 496 lbs; Single hook, red with white signal stripes.
Hook 11,000 lbs	Max. capacity of 9,700 lbs; 287 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.

tac.sales@tadano.com
www.tadanoamericas.com

Tadano Europe Holdings GmbH

Dinglerstraße 24, 66482 Zweibrücken, Germany
Phone +49 6332 830

Tadano America Corporation

4242 West Greens Road, Houston, TX 77066
Phone: +1 (281) 869-00300 · Fax: +1 (281) 869-0040



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