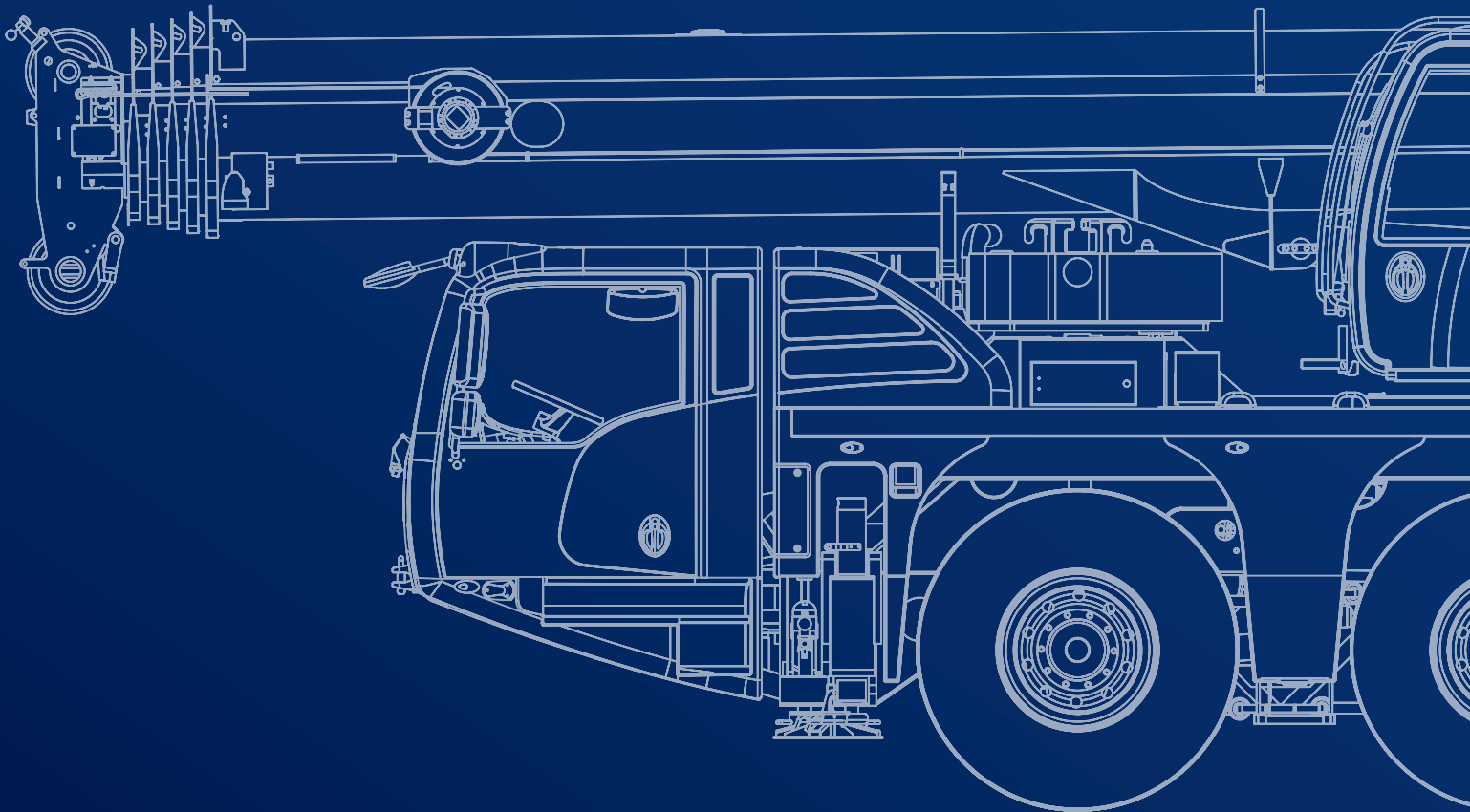


# **AC 3.055-1**

**60 US TON MAX. CRANE CAPACITY**






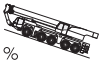




October 2021. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings 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.

© Tadano Ltd. 2021

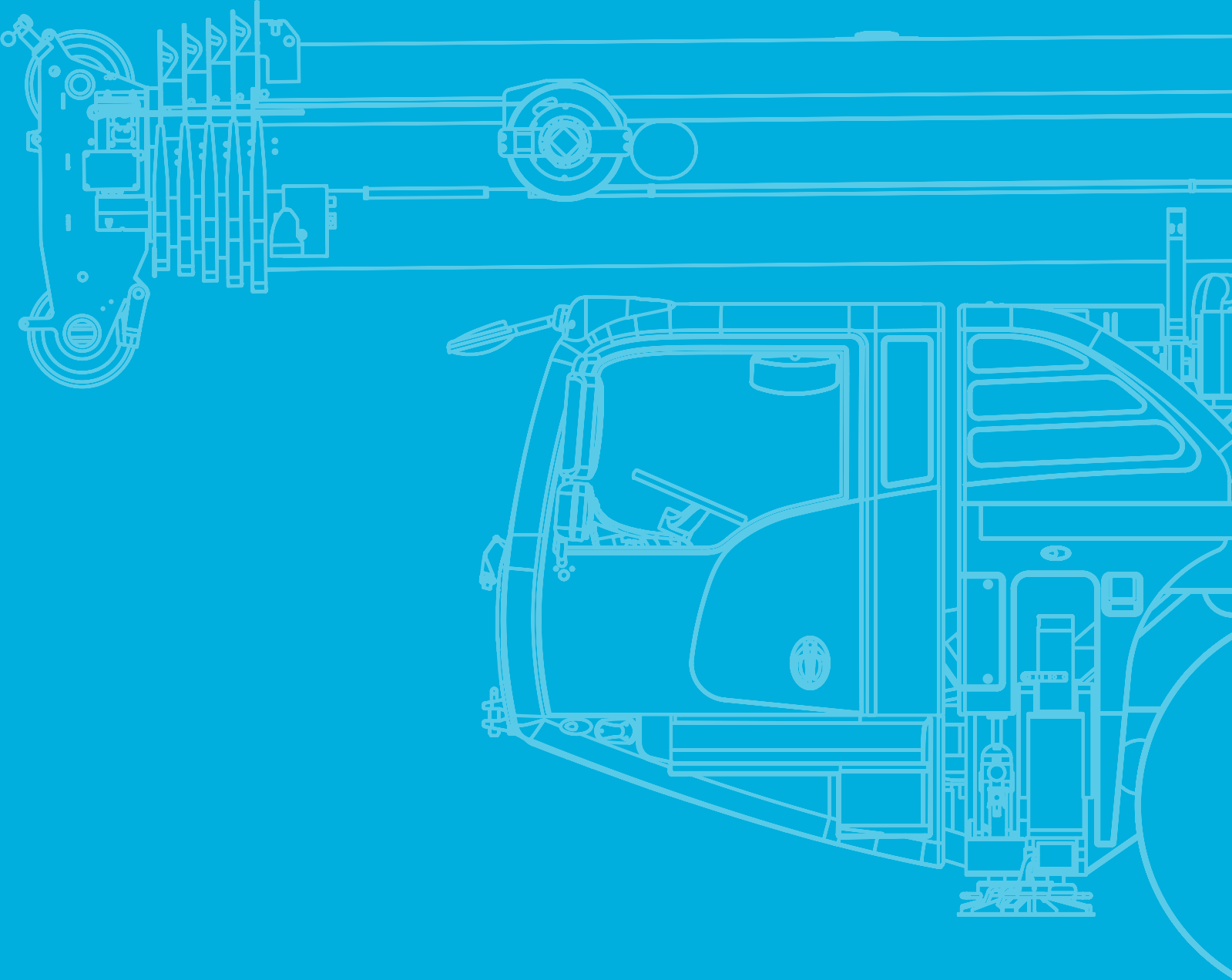
# Contents

<b>General</b>	<b>5</b>
Vehicle dimensions .....	6
Boom Combinations .....	7
<b>On-road and off-road driving</b>	<b>9</b>
Axle loads .....	10
Speeds and gradeability .....	10
Steering .....	10
<b>Transportation</b>	<b>11</b>
Counterweight .....	12-13
Configurations .....	12
Jib .....	14
<b>Operation</b>	<b>15</b>
Main boom .....	17
Slewing .....	17
Hoist .....	17
Outrigger cylinders .....	17
Hook Blocks .....	17
<b>HA:</b> Main boom .....	18-30
<b>MS:</b> Runner .....	32-39
Notes to Lifting Capacity .....	40
<b>Technical Description</b>	<b>41</b>
Basic machine .....	42
Additional equipment .....	43

# 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 boom head
	Off road / On road		Max. outrigger load
	Boom telescoping		Length of stroke (support cylinders)
	Boom elevation		Payload incl. rear storage box

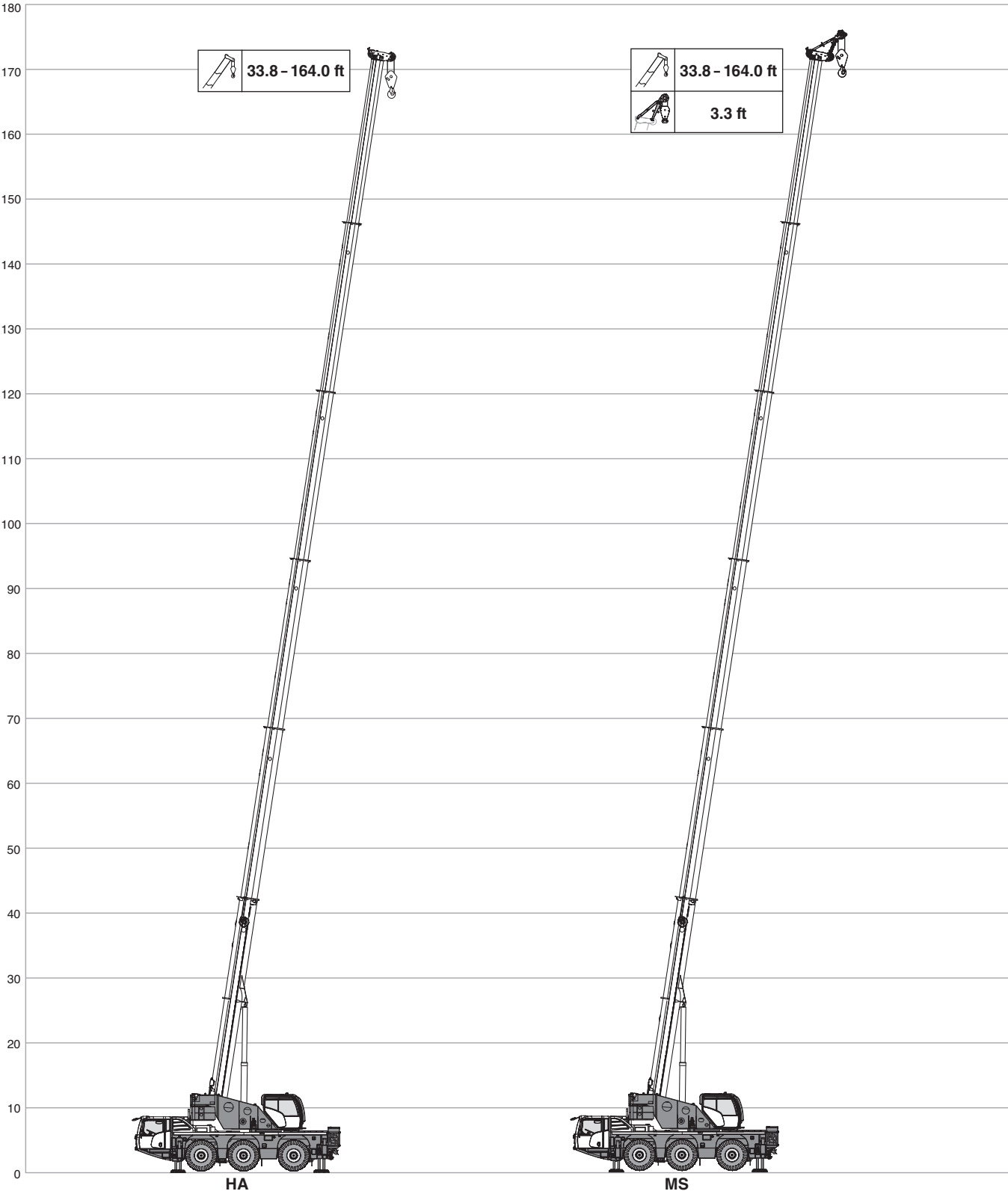
# GENERAL TECHNICAL DATA





# General

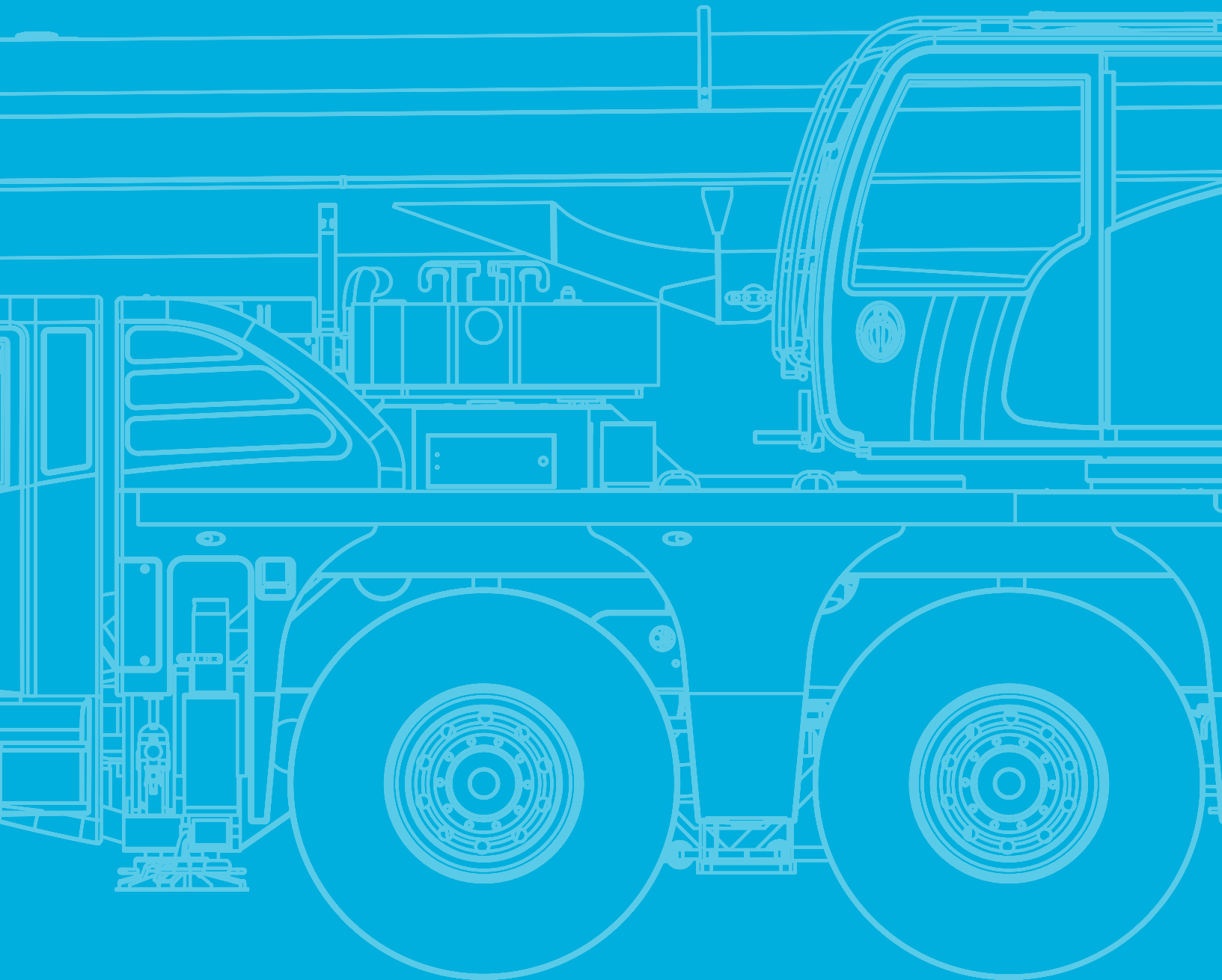
## Boom Combinations


















# TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING



# On-road and off-road driving

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

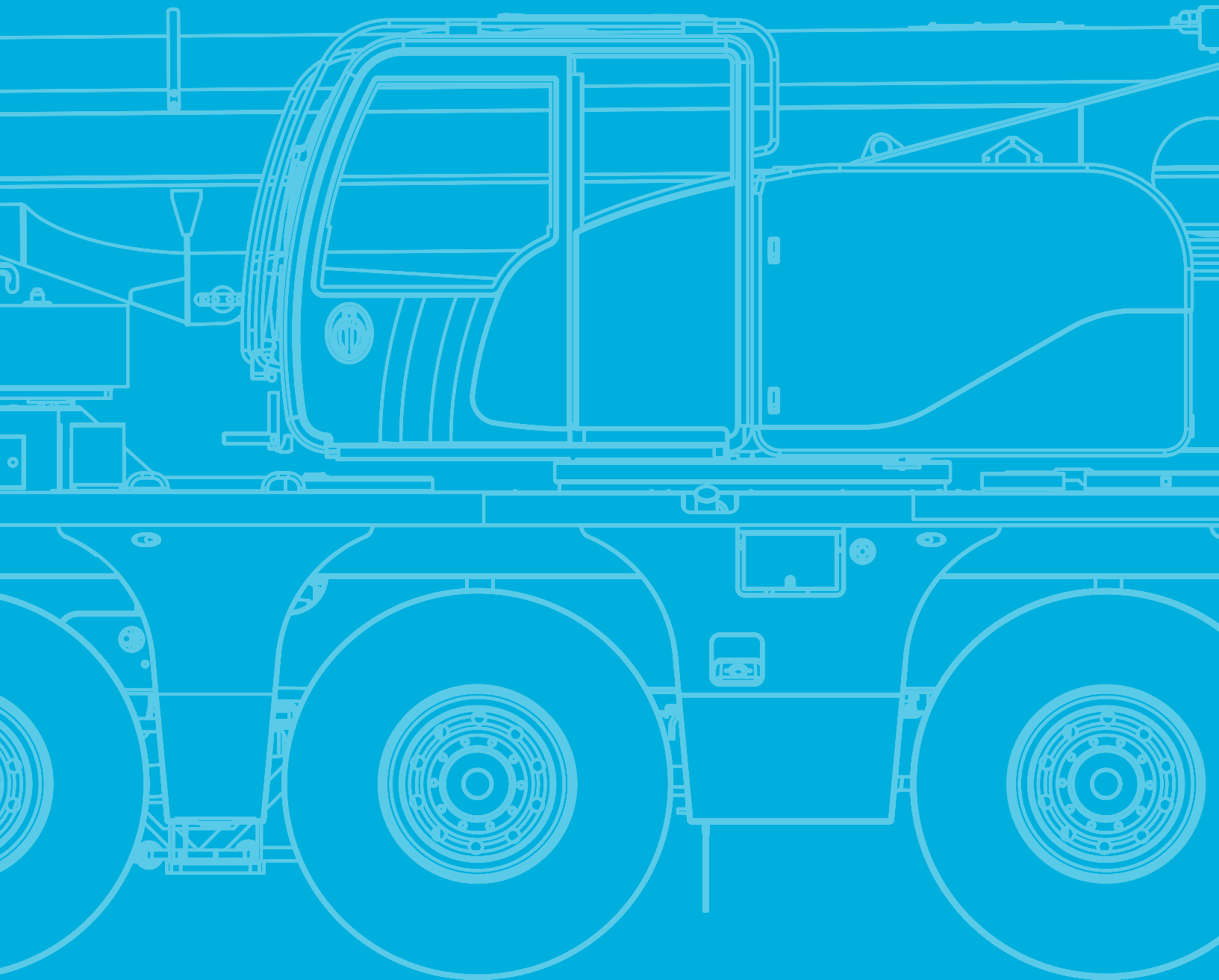
Speeds and gradeability			
	385/95 R 25 14.00 R 25	445/95 R 25 16.00 R 25	525/80 R 25 20.50 R 25
 %	47 %	42 %	42 %
 %	> 70 %	> 60 %	> 60 %
	52.8 mph <sup>1)</sup>		

<sup>1)</sup> 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

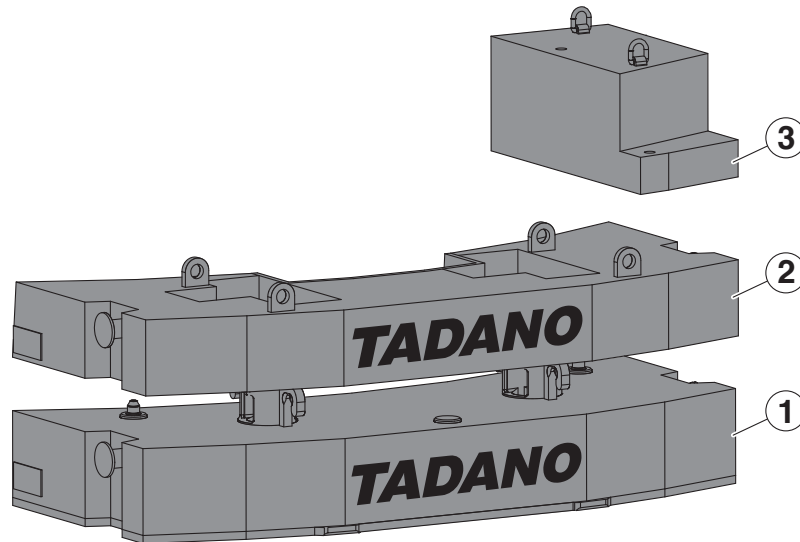
\* must be activated

# TECHNICAL DATA FOR TRANSPORT



# Transportation

## Counterweight

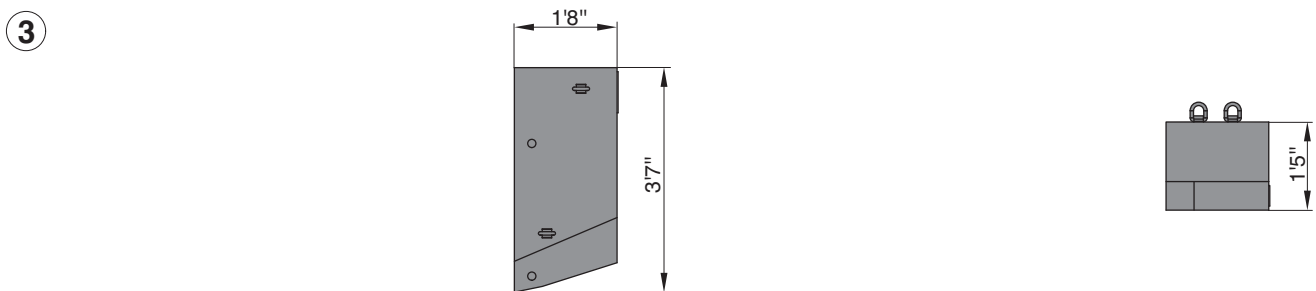
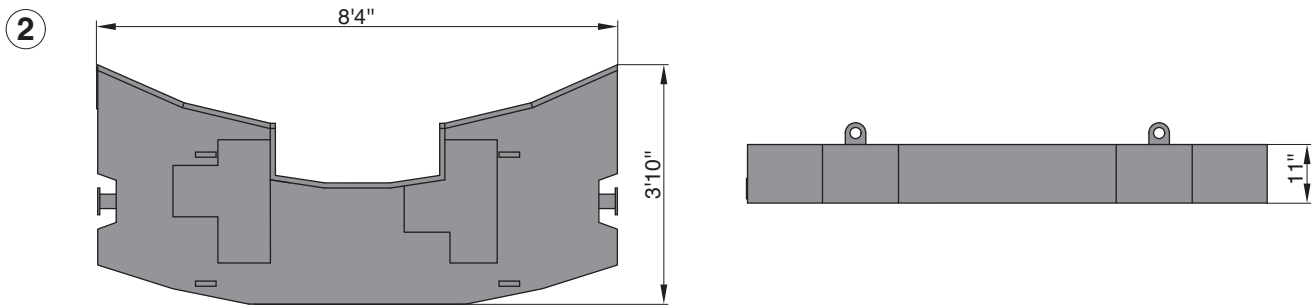
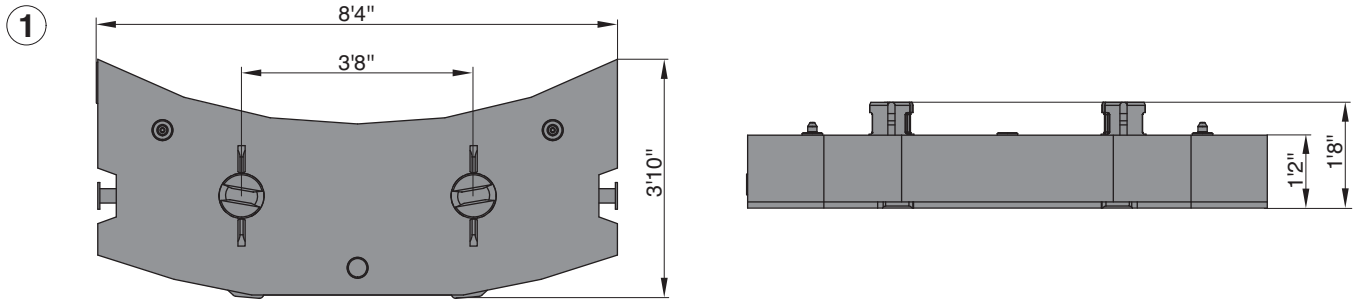


## Configurations

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

# Transportation

## Counterweight

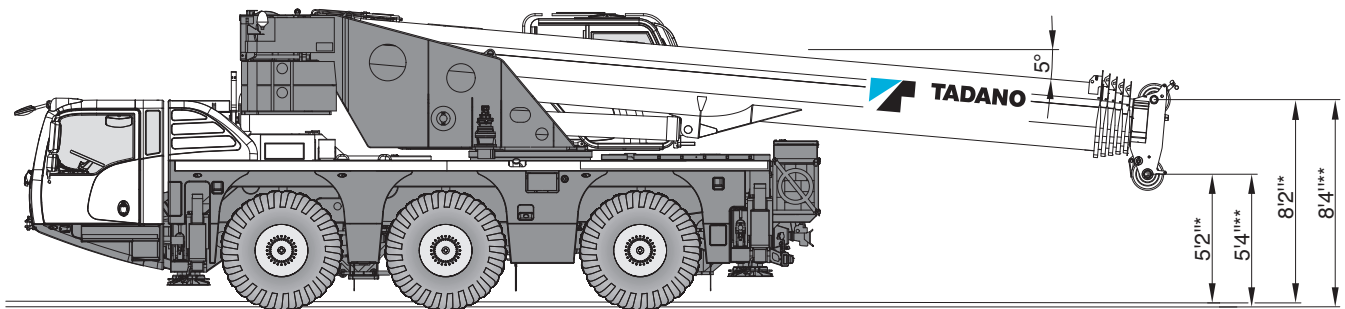
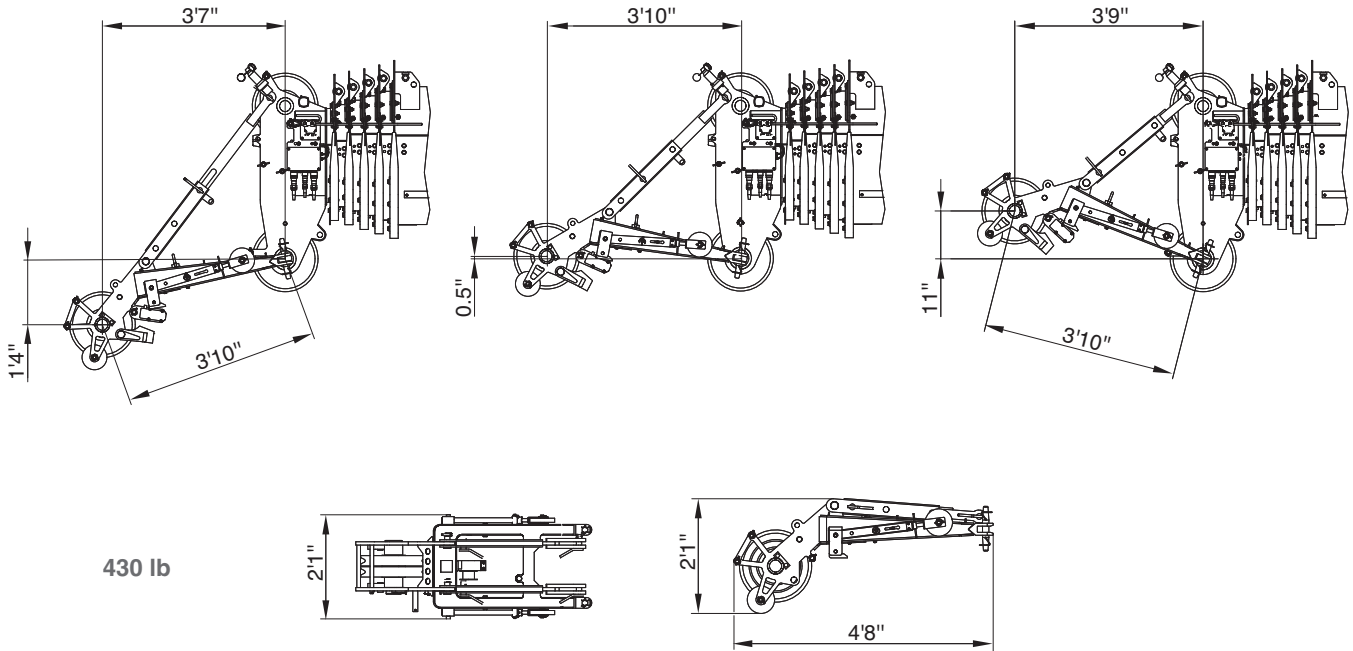


When using H2, counterweight ③ is not applicable

# Transportation

Jib

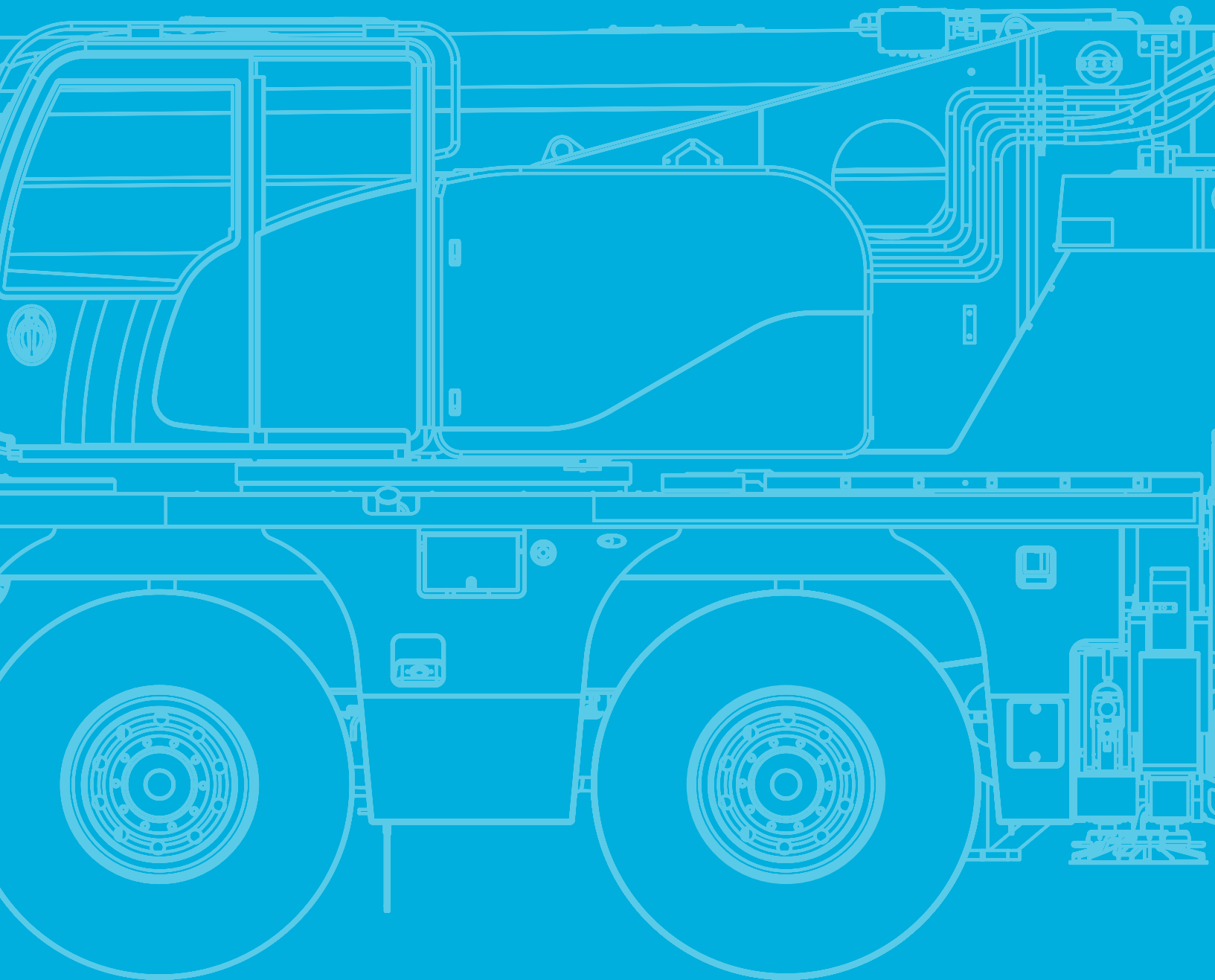
MS



\* 385/95R25

\*\* 445/95R25

# TECHNICAL DATA FOR OPERATION







# Operation

## Main boom



approx. 490 s (33.8 - 164.0 ft)



approx. 50 s (-5° - 82°)

## Slewing



1,80 min<sup>-1</sup>

## Hoist



393.7 ft/min

15,040 lbf

0.72"

656 ft



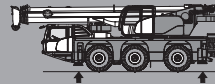
393.7 ft/min

15,040 lbf

0.72"

656 ft

## Outrigger cylinders



70,600 lb

88,200 lb



2'-1.5"

2'-4"

## Hook Blocks



17,600 lb

14,500 lb

3

1

375 lb

3.3 ft

44,100 lb

29,000 lb

3

2

660 lb

5.9 ft

44,100 lb

43,600 lb

3

3

660 lb

5.9 ft

110,200 lb

58,400 lb

3

4

1,320 lb

5.9 ft

110,200 lb

72,600 lb

3

5

1,320 lb

5.9 ft

110,200 lb

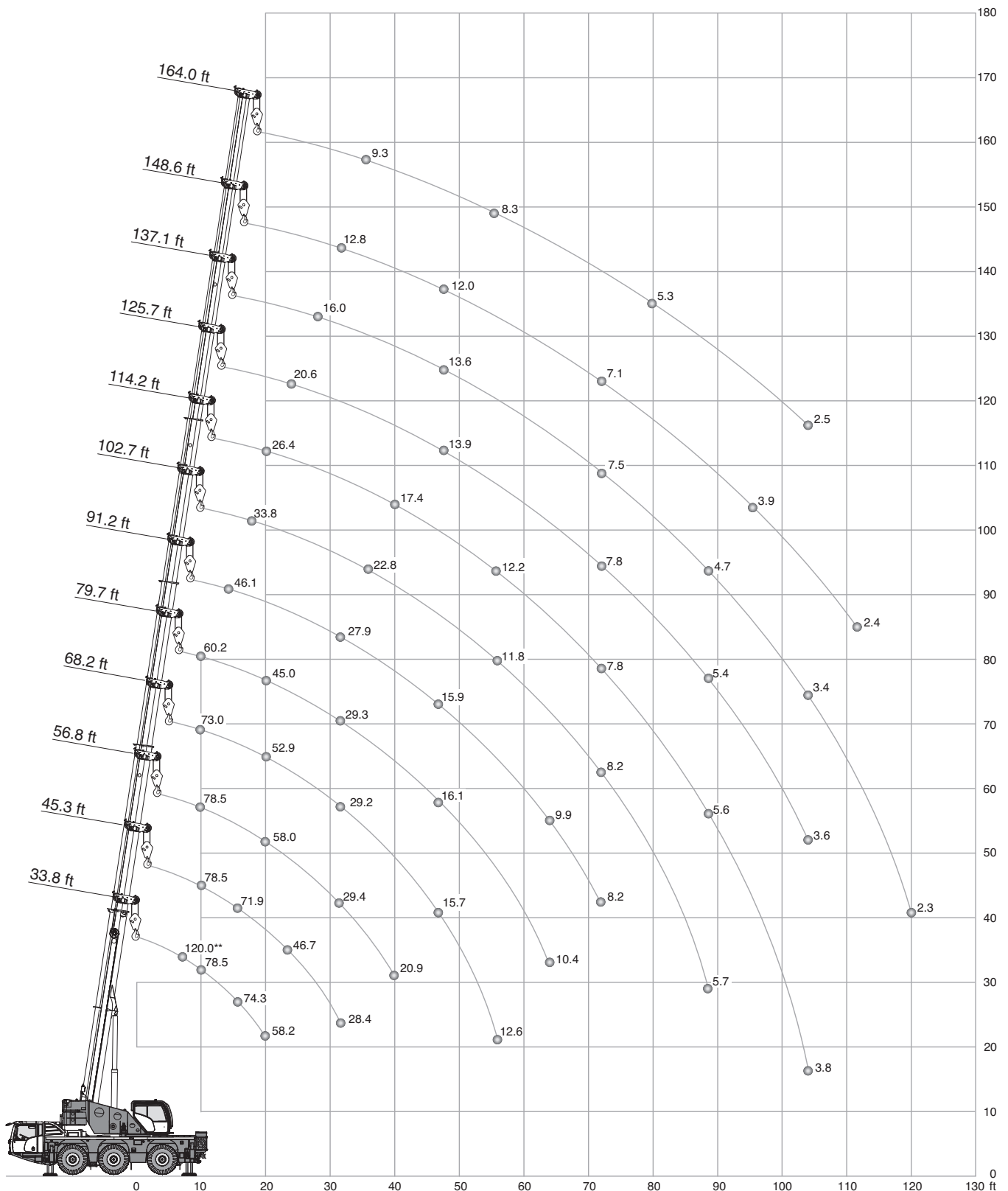
78,500 lb

3

6

1,320 lb

5.9 ft



\*\* Max. crane capacity – with additional special equipment

# Operation

HA

13,200 lb		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 lb													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

# Operation

HA

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

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

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

6,600 lb		22.6 ft x 21.3 ft				360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		33.8ft	33.8ft	45.3ft	45.3ft	56.8ft	56.8ft	68.2ft	68.2ft	79.7ft	79.7ft	91.2ft	91.2ft	ft	
ft		1,000 lb												ft	
10	78.5	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	68.2	58.1	58.1	-	-	12	
14	76.8	77.7	76.8	76.8	73.8	73.8	63.7	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	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	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	41.6	20	
24	-	-	39.7	42.4	39.9	41.0	37.8	40.3	37.2	39.3	34.5	36.8	36.8	24	
28	-	-	30.1	32.4	31.6	32.9	31.2	32.3	30.4	32.5	28.1	30.4	30.4	28	
32	-	-	24.5	26.4	25.2	27.2	25.2	27.0	24.7	26.7	23.5	25.4	25.4	32	
36	-	-	-	-	21.0	22.8	21.0	22.7	20.6	22.4	20.7	21.5	21.5	36	
40	-	-	-	-	17.5	19.0	17.5	19.0	18.1	18.9	17.7	19.2	19.2	40	
48	-	-	-	-	-	-	13.9	14.5	13.6	14.9	13.2	14.5	14.5	48	
56	-	-	-	-	-	-	10.7	11.8	10.6	11.6	10.5	11.3	11.3	56	
64	-	-	-	-	-	-	-	-	8.7	9.4	8.6	9.3	9.3	64	
72	-	-	-	-	-	-	-	-	-	6.4	7.1	8.0	8.0	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.5	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	6.2	1)	

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		102.7ft	102.7ft	114.2ft	114.2ft	125.7ft	125.7ft	137.1ft	137.1ft	148.6ft	148.6ft	164.0ft	164.0ft	ft	
ft		1,000 lb												ft	
18	33.8	33.8	-	-	-	-	-	-	-	-	-	-	-	18	
20	32.4	32.4	26.4	26.4	-	-	-	-	-	-	-	-	-	20	
24	28.9	28.9	25.4	25.4	20.6	20.6	-	-	-	-	-	-	-	24	
28	26.7	26.7	23.6	23.6	20.2	20.2	16.0	16.0	-	-	-	-	-	28	
32	23.5	24.9	20.9	21.2	19.4	19.4	15.7	15.7	12.8	12.8	-	-	-	32	
36	20.1	21.8	18.2	19.1	17.2	18.1	15.4	15.4	12.6	12.6	9.3	9.3	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	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	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	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	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	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	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	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	3.0	96	
104	-	-	2.7	3.6	2.3	3.2	2.3	3.2	1.9	2.7	-	2.3	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

# Operation

HA



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



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

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

13,200 lb		22.6 ft x 14.8 ft				360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		33.8ft	33.8ft	45.3ft	45.3ft	56.8ft	56.8ft	68.2ft	68.2ft	79.7ft	79.7ft	91.2ft	91.2ft	ft	
ft		1,000 lb												ft	
10	78.5	78.5	78.5	78.5	77.7	78.5	72.5	73.0	60.1	60.2	-	-	-	-	10
12	76.5	78.5	74.4	78.5	66.3	77.7	60.9	68.2	54.3	58.1	-	-	-	-	12
14	65.0	77.7	60.9	76.8	55.6	73.8	50.9	63.7	47.7	55.3	43.2	46.1	44.7	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°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		102.7ft	102.7ft	114.2ft	114.2ft	125.7ft	125.7ft	137.1ft	137.1ft	148.6ft	148.6ft	164.0ft	164.0ft	ft	
ft		1,000 lb												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

# Operation

HA

9,000 lb		22.6 ft x 14.8 ft				360° / Max.*				ASME B30.5			
ft	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	ft
1,000 lb													
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)

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

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions



# Operation

6,600 lb		22.6 ft x 14.8 ft				360° / Max.*				ASME B30.5					
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		33.8ft	33.8ft	45.3ft	45.3ft	56.8ft	56.8ft	68.2ft	68.2ft	79.7ft	79.7ft	91.2ft	91.2ft	ft	
ft		1,000 lb												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°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		102.7ft	102.7ft	114.2ft	114.2ft	125.7ft	125.7ft	137.1ft	137.1ft	148.6ft	148.6ft	164.0ft	164.0ft	ft	
ft		1,000 lb												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	9.3	36		
40	9.5	18.6	9.3	17.1	9.0	16.7	8.8	15.1	8.0	12.3	7.1	9.0	40		
48	7.0	13.9	6.8	14.1	6.6	13.0	6.6	12.9	5.7	11.8	4.7	8.7	48		
56	5.4	11.4	5.0	10.9	4.8	10.4	4.8	10.5	4.0	10.2	3.2	8.3	56		
64	4.0	9.3	3.7	8.8	3.5	8.9	3.5	8.5	2.9	8.1	2.0	7.5	64		
72	3.1	7.5	2.9	7.5	2.7	7.3	2.4	6.9	1.8	6.6	-	6.0	72		
80	2.3	6.2	2.1	6.2	-	6.0	-	5.4	-	5.5	-	4.7	80		
88	1.8	5.3	-	5.0	-	4.8	-	4.7	-	4.4	-	3.8	88		
96	-	4.0	-	4.2	-	4.0	-	4.0	-	3.6	-	3.0	96		
104	-	-	-	3.6	-	3.2	-	3.2	-	2.7	-	2.3	104		
112	-	-	-	-	-	-	-	2.6	-	2.2	-	-	112		
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120		
1)	-	4.6	-	3.3	-	2.2	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions

# Operation

HA

2,400 lb		22.6 ft x 14.8 ft				360° / Max.*				ASME B30.5			
360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
33.8ft	33.8ft	45.3ft	45.3ft	56.8ft	56.8ft	68.2ft	68.2ft	79.7ft	79.7ft	91.2ft	91.2ft		
1,000 lb													
ft													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°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
102.7ft	102.7ft	114.2ft	114.2ft	125.7ft	125.7ft	137.1ft	137.1ft	148.6ft	148.6ft	164.0ft	164.0ft		
1,000 lb													
ft													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

# Operation

13,200 lb		22.6 ft x 9.8 ft		360° / Max.*		ASME B30.5							
ft	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	ft
1,000 lb													
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)

ft	360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	ft
1,000 lb													
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

# Operation

HA

9,000 lb		22.6 ft x 9.8 ft		360° / Max.*		ASME B30.5							
ft	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	ft
1,000 lb													
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)

ft	360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	ft
1,000 lb													
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

# Operation

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

	360° 102.7ft	Max. 102.7ft	360° 114.2ft	Max. 114.2ft	360° 125.7ft	Max. 125.7ft	360° 137.1ft	Max. 137.1ft	360° 148.6ft	Max. 148.6ft	360° 164.0ft	Max. 164.0ft	
ft	1,000 lb												ft
16	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

# Operation

HA

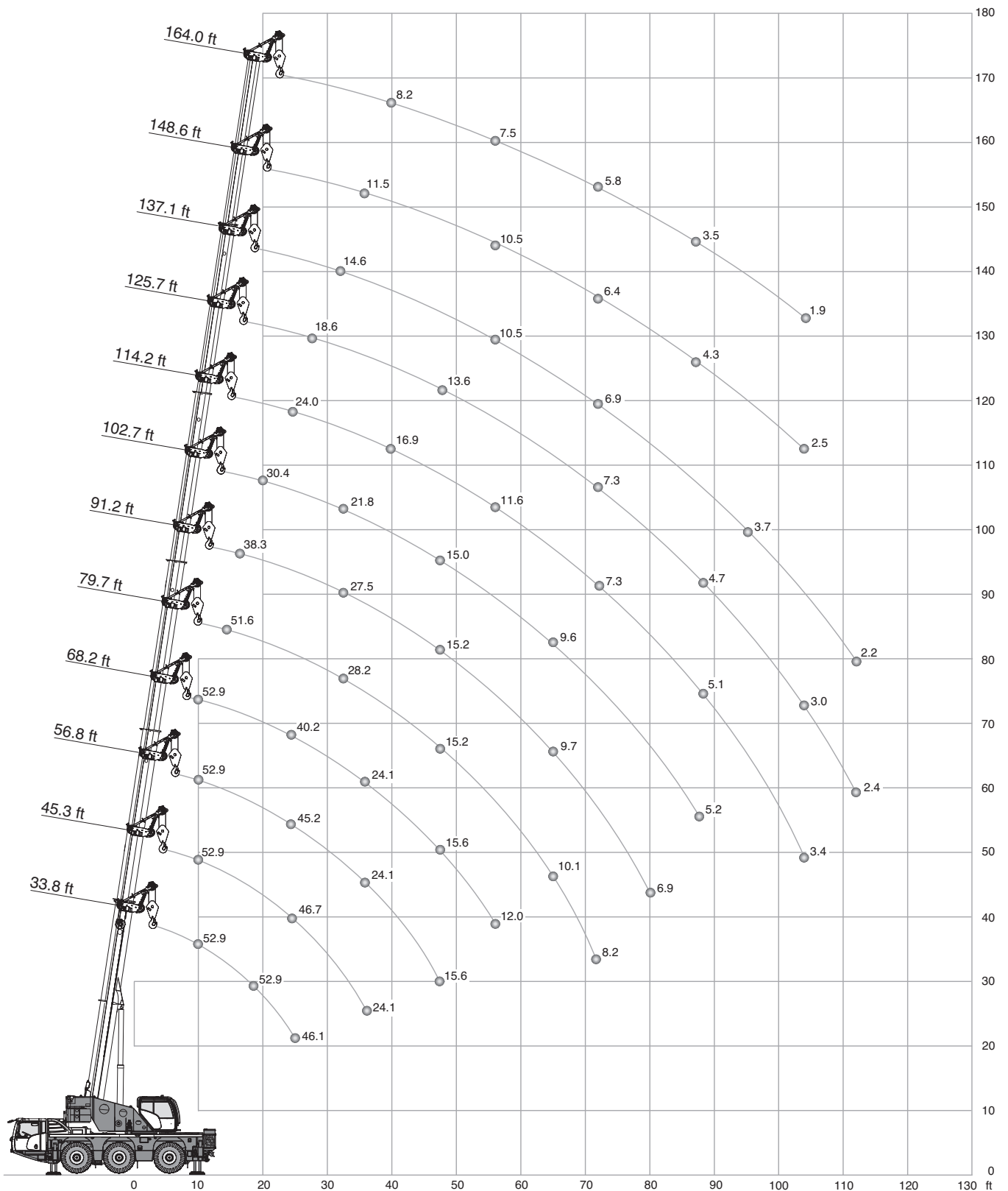
2,400 lb		22.6 ft x 9.8 ft				360° / Max.*				ASME B30.5			
	360° 33.8ft	Max. 33.8ft	360° 45.3ft	Max. 45.3ft	360° 56.8ft	Max. 56.8ft	360° 68.2ft	Max. 68.2ft	360° 79.7ft	Max. 79.7ft	360° 91.2ft	Max. 91.2ft	
ft	1,000 lb												ft
10	39.2	78.5	37.3	78.5	34.9	78.5	32.0	73.0	29.6	60.2	-	-	10
12	30.2	78.5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

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

1) Capacities with horizontal boom

\* Max. values are valid only for specific superstructure positions







# Operation

MS

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

9,000 lb		22.6 ft x 21.3 ft												360°		ASME B30.5	
		33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft				
ft	1,000 lb													ft			
10	52.9	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	10			
12	52.9	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	12			
14	52.9	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

# Operation






MS






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

2,400 lb		22.6 ft x 21.3 ft												360°		ASME B30.5	
ft		33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	ft			
1,000 lb																	
10	52.9	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	-	10		
12	52.9	52.9	52.9	52.9	52.9	-	-	-	-	-	-	-	-	-	12		
14	52.9	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






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






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

1) Capacities with horizontal boom

# Operation

MS






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






 2,400 lb		 22.6 ft x 14.8 ft		360°		ASME B30.5							
 	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	52.9	52.9	52.8	52.2	-	-	-	-	-	-	-	-	10
12	52.6	51.2	48.7	43.4	-	-	-	-	-	-	-	-	12
14	47.2	43.6	39.7	37.0	34.0	-	-	-	-	-	-	-	14
16	36.7	36.0	33.8	31.7	28.9	26.9	-	-	-	-	-	-	16
18	29.5	30.0	29.8	27.5	25.3	24.3	-	-	-	-	-	-	18
20	23.4	25.2	25.4	23.8	23.0	21.5	20.4	-	-	-	-	-	20
24	16.6	18.2	18.7	19.0	18.6	17.8	16.8	15.6	-	-	-	-	24
28	-	13.8	14.6	14.9	15.0	14.6	13.8	12.8	11.9	-	-	-	28
32	-	10.8	11.6	11.8	11.8	11.8	11.5	10.7	10.0	9.6	-	-	32
36	-	8.9	9.5	9.7	9.7	9.7	9.5	9.1	8.4	8.2	7.1	-	36
40	-	-	7.8	7.9	8.0	7.9	7.8	7.5	7.1	6.7	5.8	4.5	40
48	-	-	5.1	5.8	5.8	5.6	5.5	5.2	4.9	4.4	3.6	2.4	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

# Operation

MS






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






 9,000 lb		 22.6 ft x 9.8 ft		360°		ASME B30.5							
 	33.8ft	45.3ft	56.8ft	68.2ft	79.7ft	91.2ft	102.7ft	114.2ft	125.7ft	137.1ft	148.6ft	164.0ft	
ft	1,000 lb												ft
10	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

# Operation

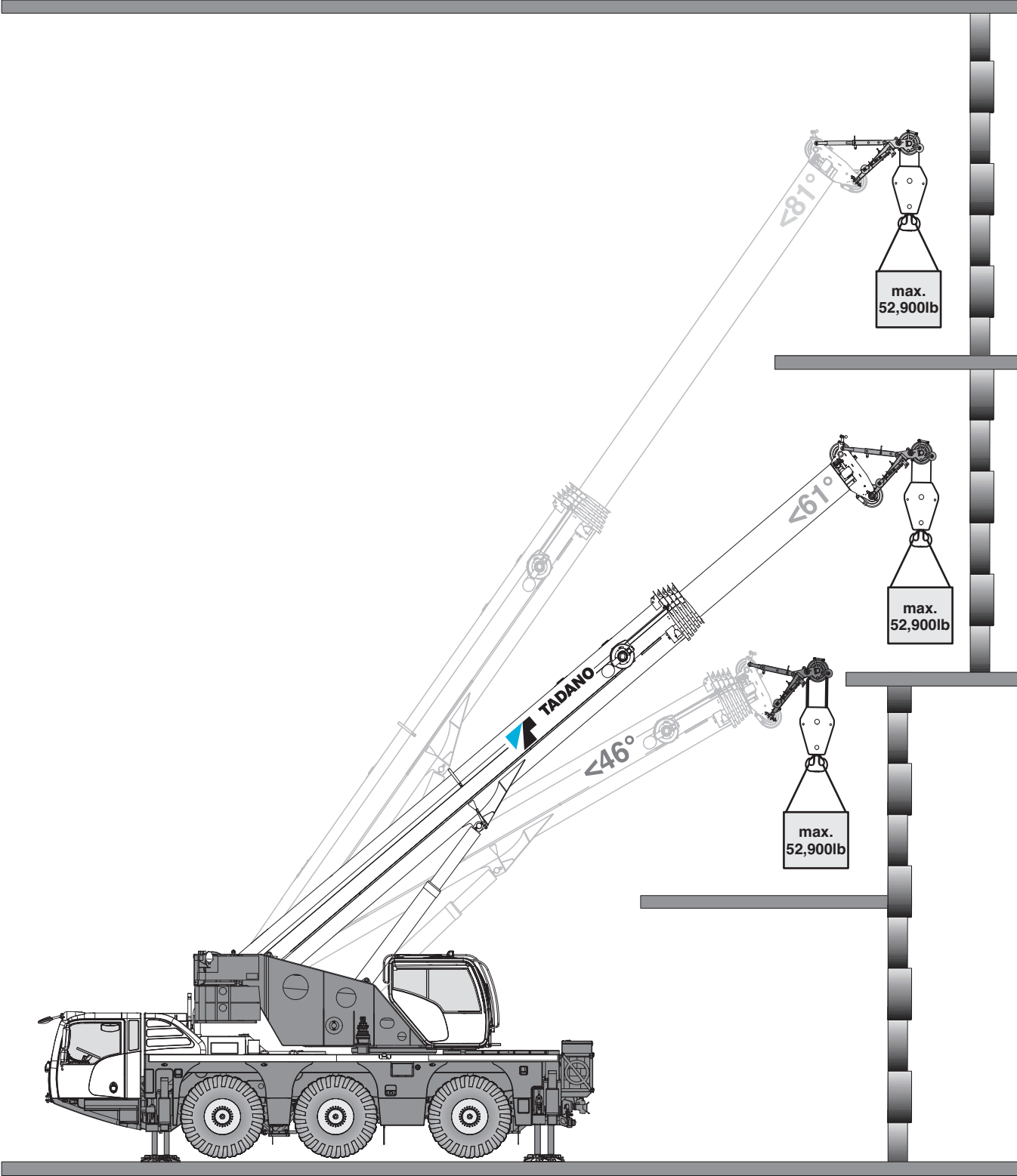
MS

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

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

1) Capacities with horizontal boom

## Runner



# Notes to Lifting Capacity

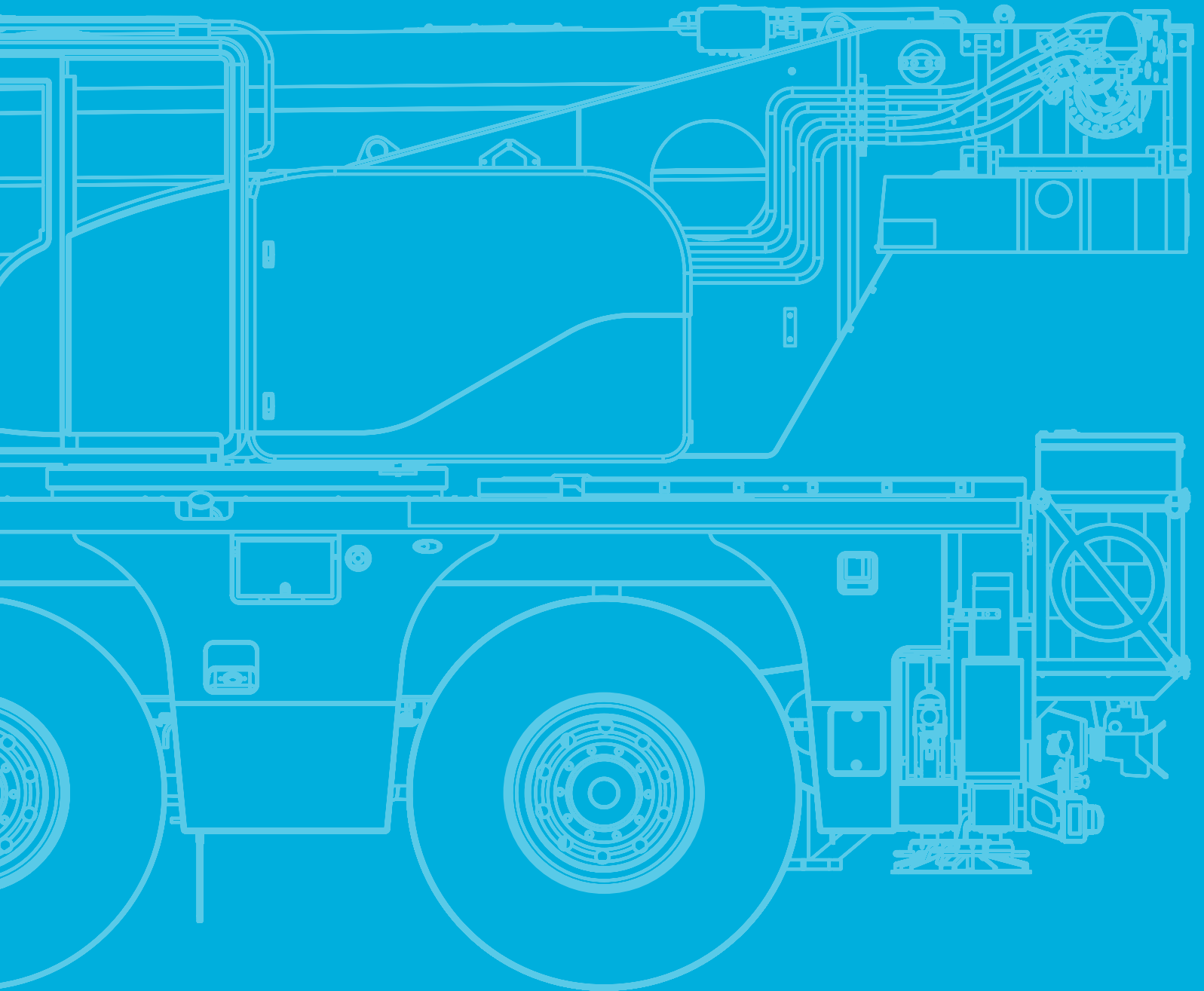
Ratings are in compliance with ASME B30.5.  
Lifting capacities do not exceed 85 % of tipping load.

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

<b>Engine 260-5</b>	Mercedes-Benz OM936LA; Diesel engine; 260 kW/2200 <sup>1</sup> /min (348 HP), torque 1450 Nm/1200-1600 <sup>1</sup> /min; The engine complies with EU Stage V/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
<b>Fuel tank</b>	103 gallons Diesel (no RME / biodiesel); 11 gallons Ad-Blue tank.
<b>Transmission G230-12</b>	Mercedes-Benz G230-12; Automated gearbox; 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
<b>Axles 6 x 4 x 6</b>	All 3 axles steered, axles 1 and 3 driven and equipped with selectable transverse lock.
<b>Suspension</b>	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
<b>Steering</b>	Dual circuit hydro servocom steering with emergency steering pump; Active rear axle steering.
<b>Brakes</b>	Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disc brakes; Additional, double-speed decompression brake; Spring-loaded parking brake.
<b>Tires</b>	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7“.
<b>Cab 2550</b>	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.
<b>Drive lights</b>	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
<b>Central lubrication</b>	Automatic central lubrication system for the lubricating points at the carrier.
<b>Outriggers</b>	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 <sup>2</sup> with transport position at vertical cylinder.
<b>Outrigger basis monitoring</b>	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
<b>Outrigger load indicator</b>	The outrigger load is indicated in the operator cab and the outrigger control box.
<b>Electronic immobiliser system</b>	Prevents uncontrolled carrier mobilisation; Incl. 5 ignition keys.
<b>Pneumatic tire filling plug</b>	For self-filling of the wheels.

### Equipment superstructure

<b>Telescopic boom HA50</b>	33.8 ft - 164.0 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 3 sheaves integrated in boom head for max. capacity of 78,500 lb.
<b>Boom luffing</b>	1 luffing cylinder with automatic lowering brake valve.
<b>Rotary drive</b>	Single slewing gear unit with spring-loaded multi-disc brake.
<b>H1</b>	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring.
<b>Counterweight 13,200 lb</b>	3 pieces (①-③); Automatic rigging system; Fully roadable in 26,500 lb axle load limit.
<b>Control system</b>	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
<b>Operator aids</b>	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.
<b>IC-1 Plus incl. Flex Base</b>	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.
<b>IC-1 Remote</b>	IC-1 Remote, Tadano telematic system.
<b>Working range limiter</b>	Displaying and programmability of the work range limits by IC-1.
<b>Cab 875</b>	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.
<b>Central lubrication</b>	Automatic central lubrication system for the lubricating points at the superstructure.

# Technical Description

## Additional equipment

### Carrier

<b>Engine 260-3</b>	Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 <sup>1</sup> /min (348 HP), torque 1400 Nm / 1200-1600 <sup>1</sup> /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.
<b>Axles 6 x 6 x 6</b>	All 3 axles steered, axles 1 and 3 permanently driven, axle 2 shiftable, all axles equipped with selectable transverse lock.
<b>Wear-free auxiliary brake</b>	Wear-free auxiliary eddy-current brake at 3rd axle.
<b>Tires</b>	6 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).

### Superstructure

<b>2. hoist (H2)</b>	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring.
<b>Load supervision camera</b>	Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head.

### Handling

<b>Remote control</b>	Control of superstructure movements via wireless remote control.
<b>Moving out of crane cab</b>	Control of carrier out of crane cab, enables machine moving when rigged, possible even under load.

### Extensions

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

### Hook Blocks

<b>Vario hook block 110,200 lb 3-sheaves</b>	Max. capacity 78,500 lb; 660 lb – 1,320 lb; Adjustable ballast and double hook, variable usage as 1- and 3-sheaves hook block, white with red signal stripes.
<b>Vario hook block 110,200 lb 3-sheaves</b>	Max. capacity 78,500 lb; 660 lb – 1,320 lb; Adjustable ballast and single hook, variable usage as 1- and 3-sheaves hook block, white with red signal stripes.
<b>Hook block 44,100 lb, 1-sheave</b>	Max. capacity 43,600 lb; 660 lb; Single hook, white with red signal stripes.
<b>Hook 17,600 lb</b>	Max. capacity 14,500 lb; 375 lb; 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](mailto:tac.sales@tadano.com)  
[www.tadanoamericas.com](http://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



Lifting your dreams

