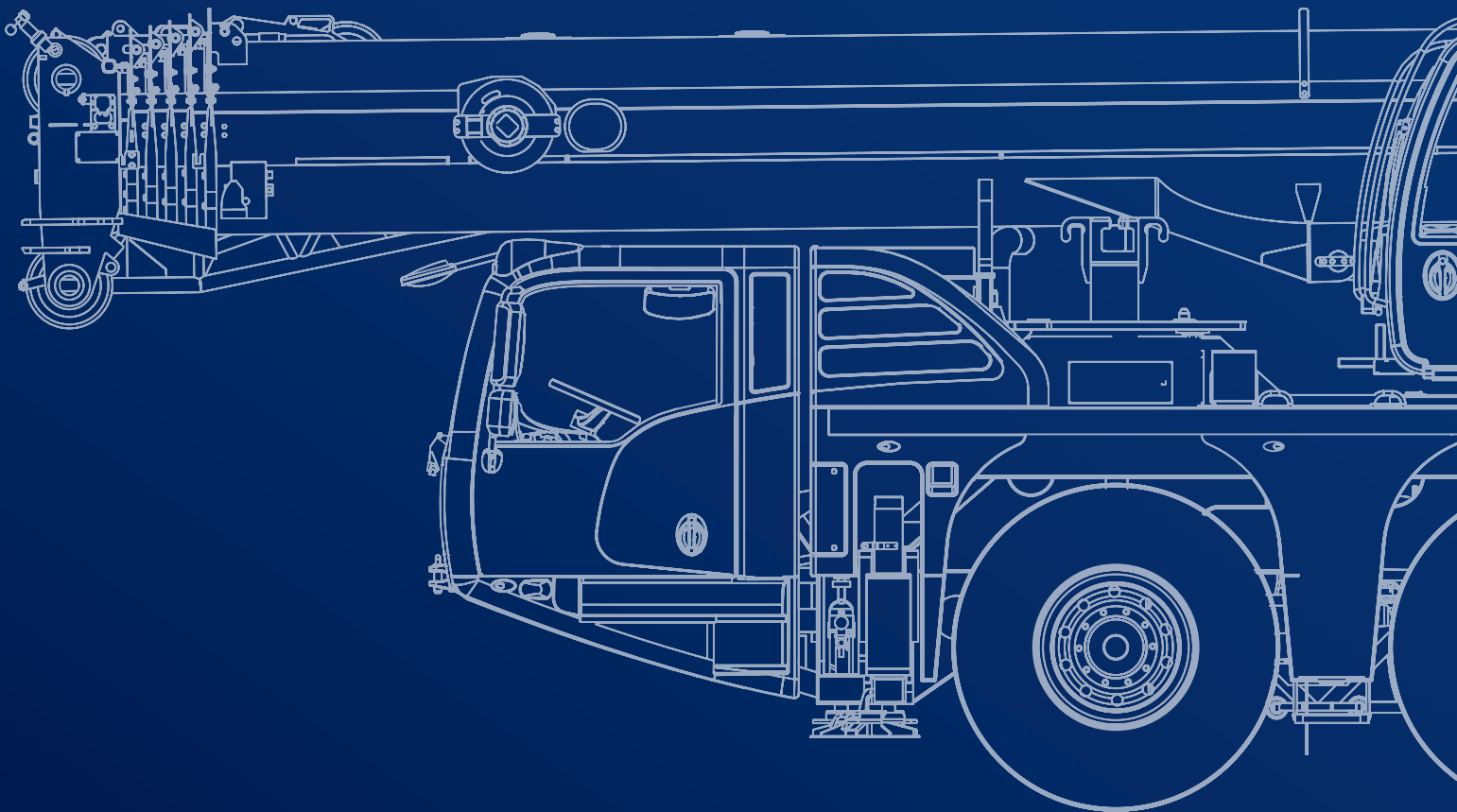


AC 3.060-1

65 US TON MAX. CRANE CAPACITY



- Suitable for alternative fuels





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

© Tadano Ltd. 2024

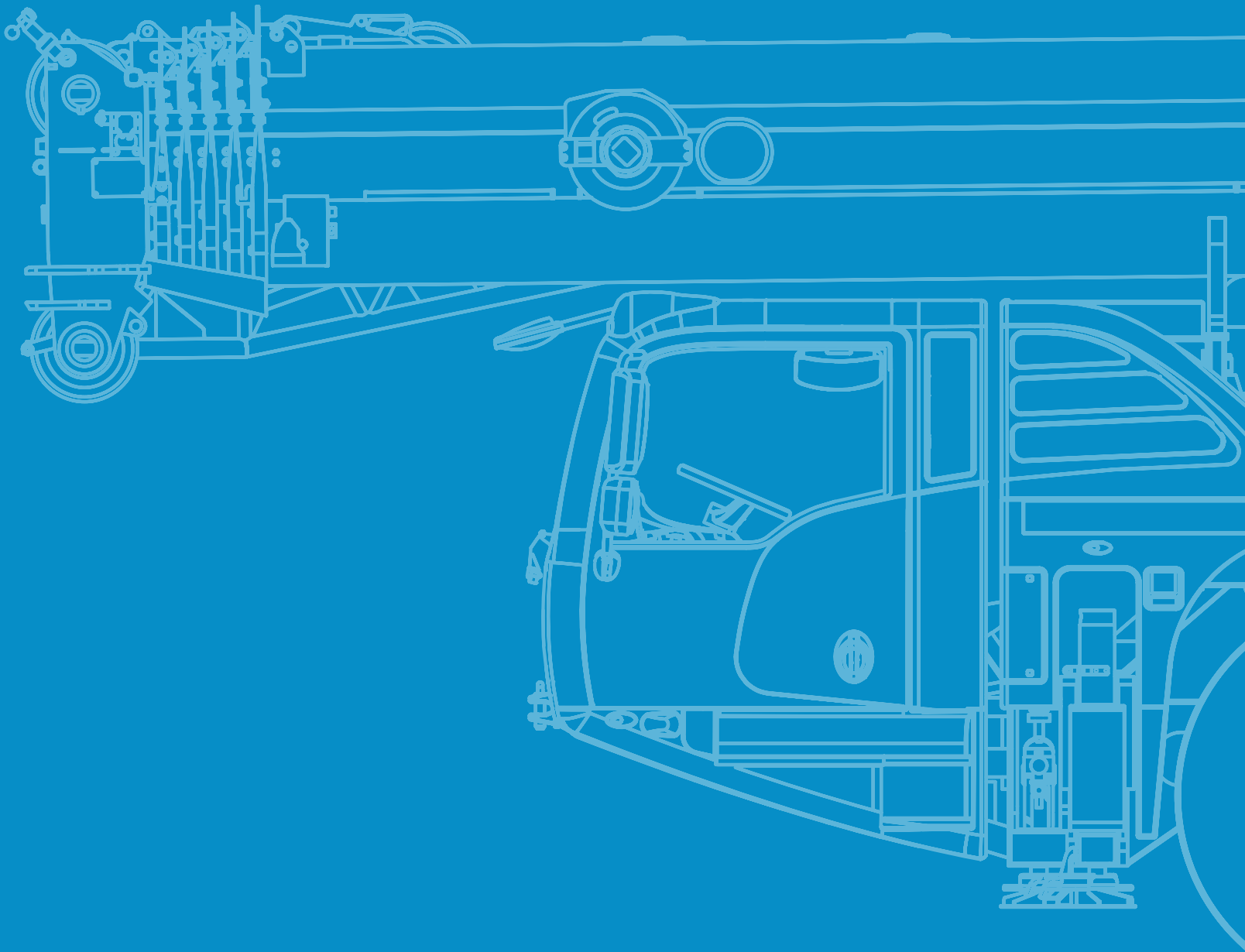
Contents

General	5
Vehicle dimensions	6
Boom Combinations	7
On-road and off-road driving	9
Axle loads	10
Speeds and gradeability	10
Steering	10
Transportation	11
Counterweight	12-13
Configurations	12
Jib	14
Operation	15
Main boom	17
Slewing	17
Hoist	17
Outrigger cylinders	17
Hook Blocks	17
HA: Main boom	18-29
HAV: Folding swing-away jib	30-35
MS: Runner	36-41
Notes to Lifting Capacity	42
Technical Description	43
Basic machine	44
Additional equipment	45

Key

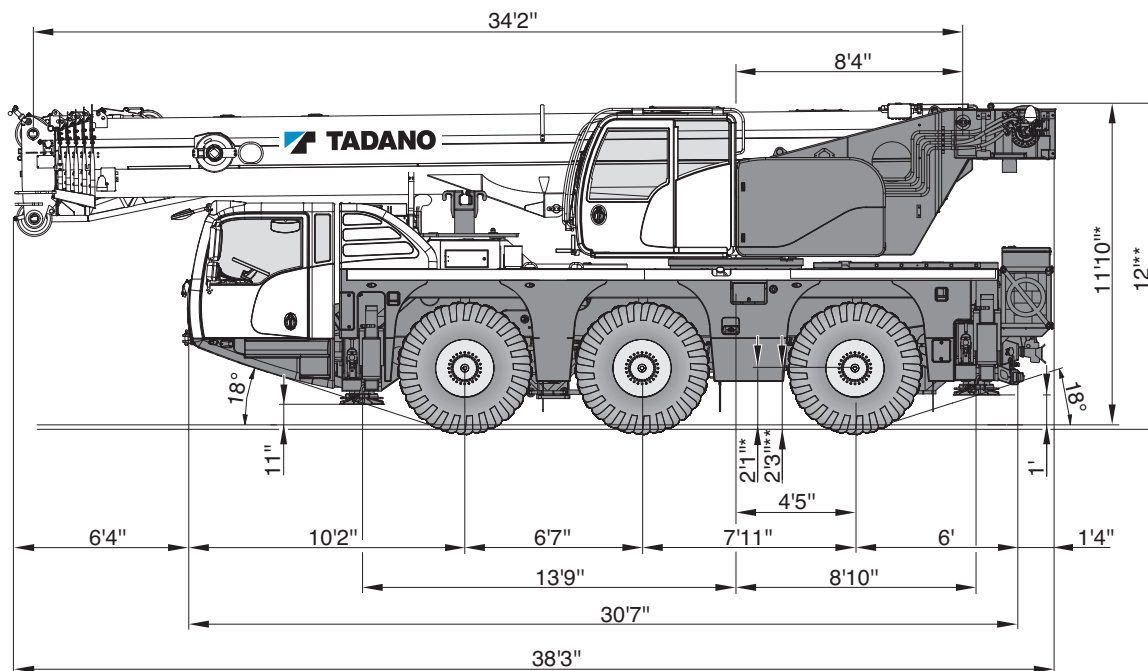
	Counterweight		Dolly
	Lifting capacities on outriggers · 360°		Working speeds
	Radius		Slewing
	Main boom		Max. line pull
	Folding swing-away jib		Rope diameter
	Runner		Rope length
	Max. axle loads		Hook block
	Mechanism		Number of lines
	Tires		Possible load of hook block
	Hook block		Weight of hook 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)
	Boom telescoping		Payload incl. rear storage box
	Boom elevation		

GENERAL TECHNICAL DATA

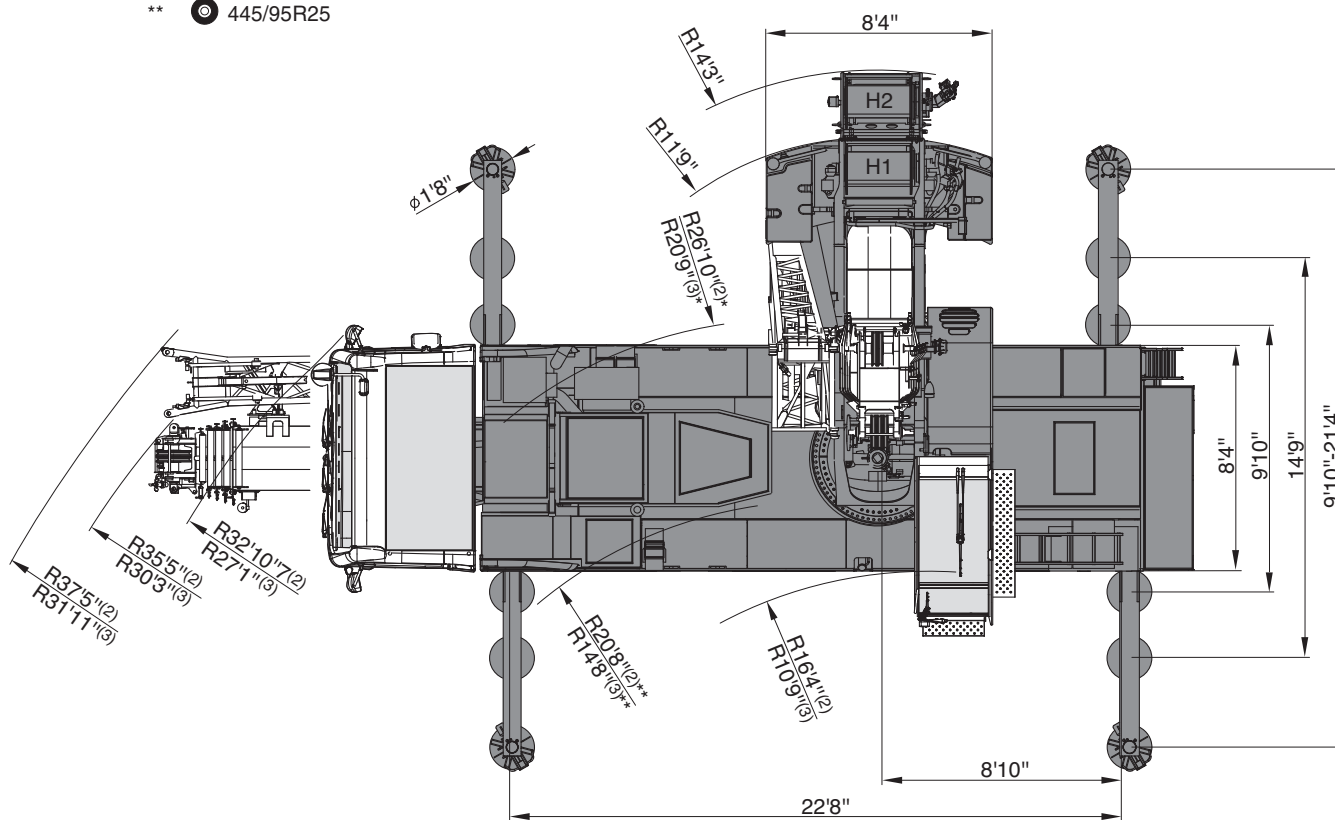


General

Vehicle dimensions



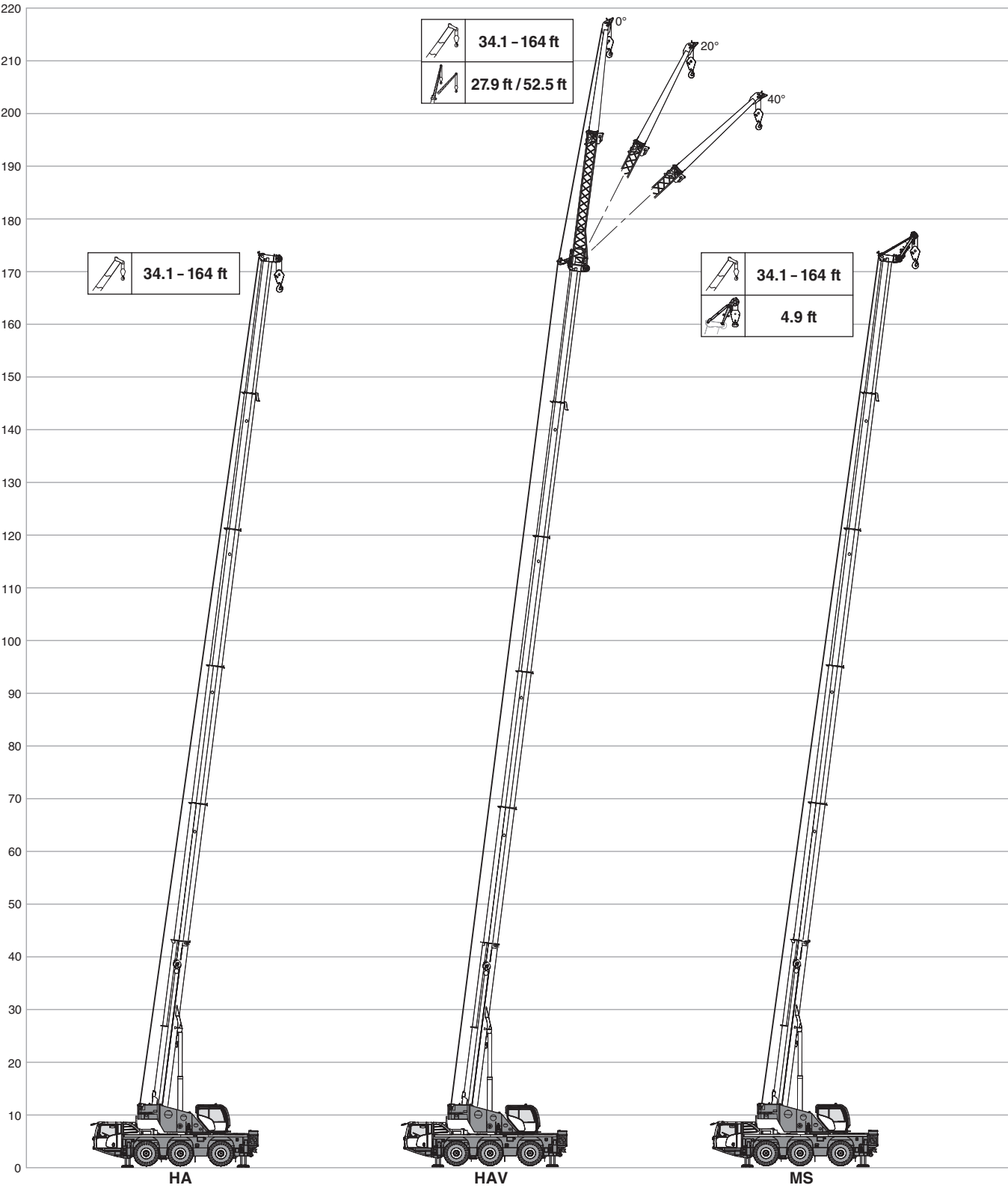
- *  385/95R25
**  445/95R25



- (2) steering mode 2 * outer turning radius, axle 1
(3) steering mode 3* ** inner turning radius, axle 1

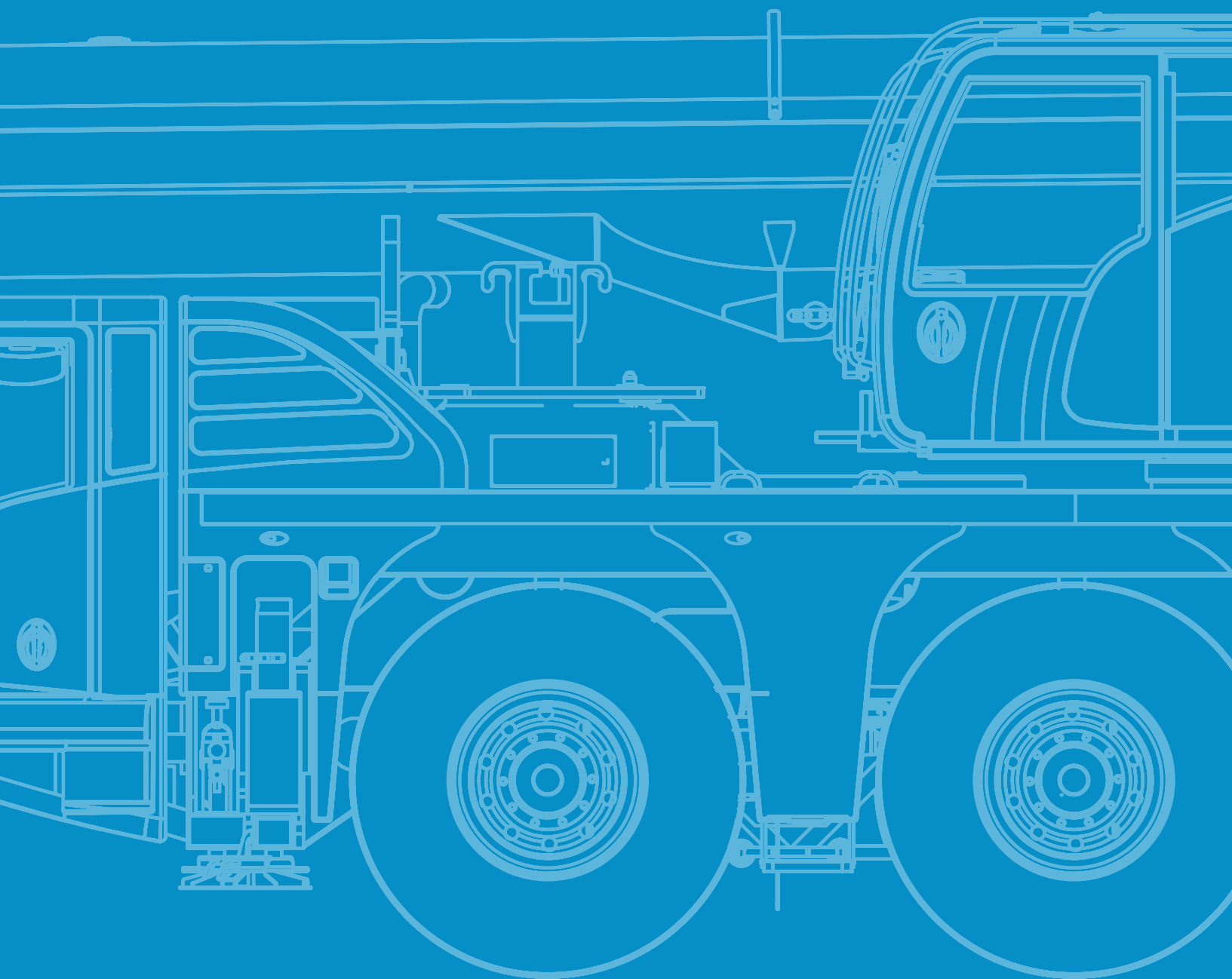
General

Boom Combinations



Notes

TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING



On-road and off-road driving

Axle loads								
	Total							
< 20,000 lbs	On request!							X
< 26,500 lbs	< 79,400 lbs	6 x 6 x 6	445/95R25	110,200 lbs	10,400 lbs	—	1,100 lbs	—
< 26,500 lbs	< 79,400 lbs	6 x 6 x 6	445/95R25	110,200 lbs	7,100 lbs	52.5 ft	1,100 lbs	—
< 28,700 lbs	< 86,000 lbs	6 x 6 x 6	445/95R25	110,200 lbs	12,400 lbs	52.5 ft	—	—
< 34,200 lbs	< 101,400 lbs	6 x 6 x 6	445/95R25	110,200 lbs	26,700 lbs	52.5 ft	—	—

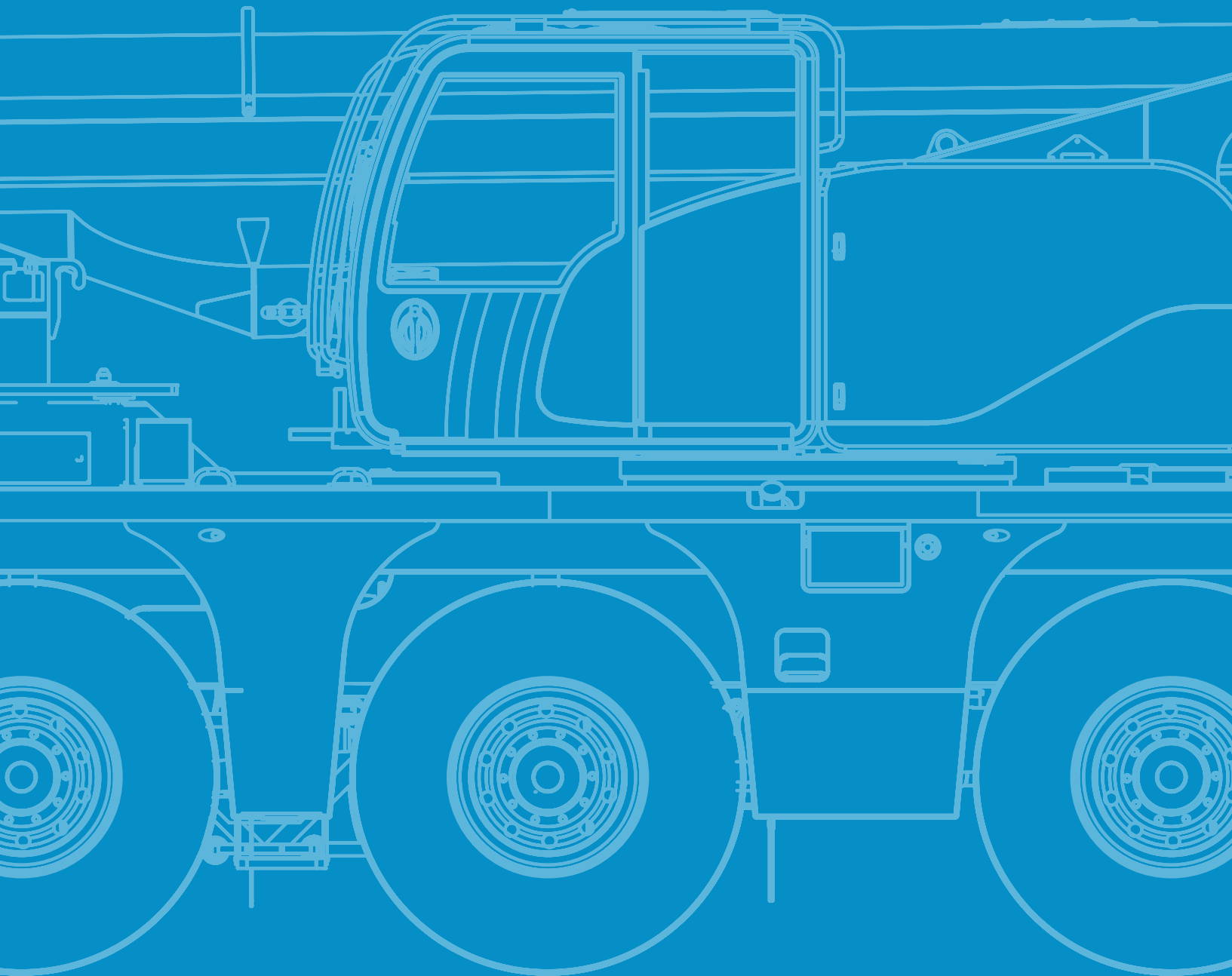
Speeds and gradeability			
	385/95 R 25 14.00 R 25	445/95 R 25 16.00 R 25	525/80 R 25 20.50 R 25
 %	47 %	42 %	42 %
 %	> 70 %	> 60 %	> 60 %
	52.8 mph ¹⁾		

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

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

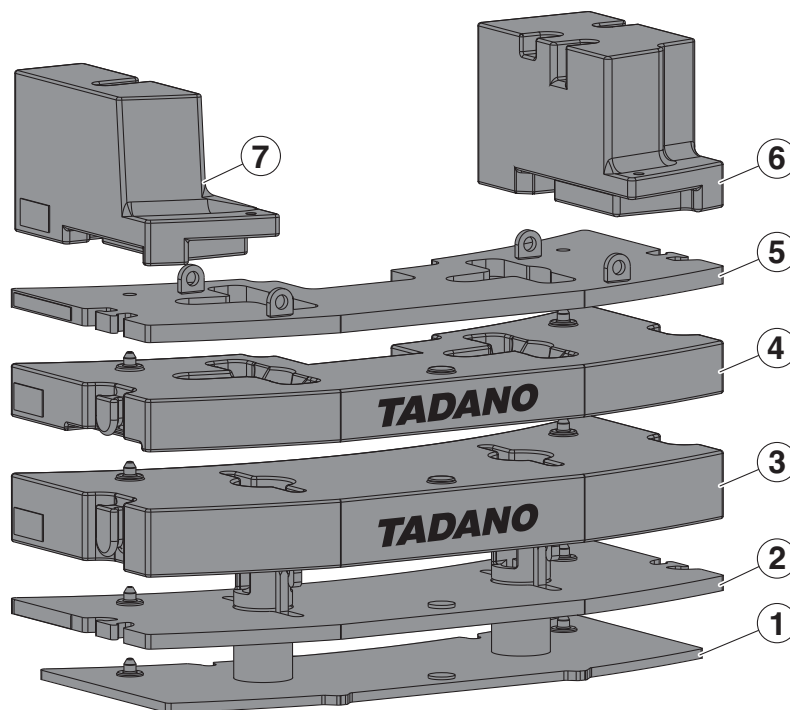
* must be activated

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight

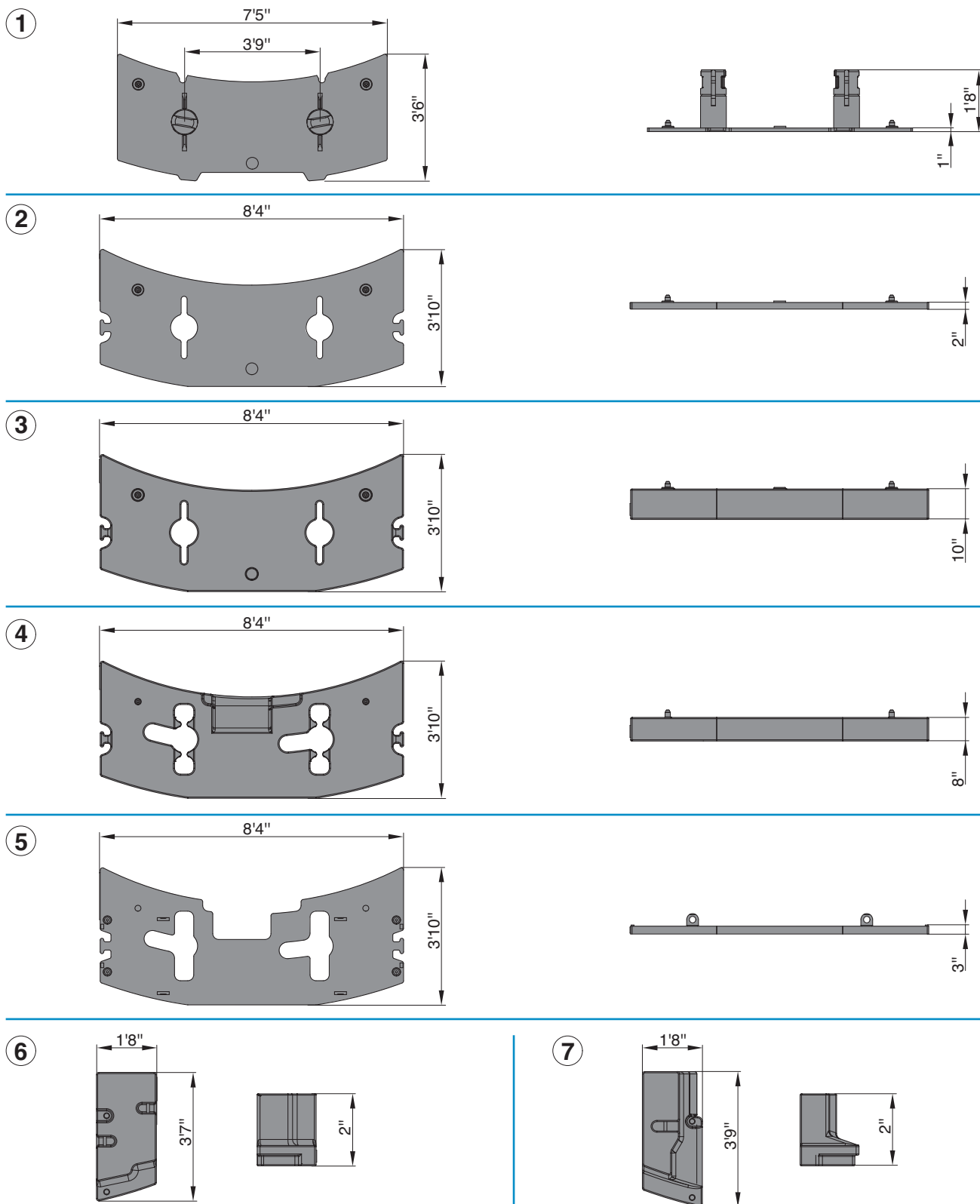


Configurations

	7,100 lbs	8,400 lbs	9,100 lbs	10,400 lbs	12,400 lbs	15,100 lbs	18,700 lbs	20,700 lbs	24,700 lbs	26,700 lbs
① 1,300 lbs		1		1	1		1	1	1	1
② 2,000 lbs				1	1		1	1	1	1
③ 8,300 lbs							1	1	1	1
④ 6,000 lbs						1			1	1
⑤ 2,000 lbs			1		1	1		1		1
⑥ 4,200 lbs	1	1	1	1	1	1	1	1	1	1
⑦ 2,900 lbs	1	1	1	1	1	1	1	1	1	1

Transportation

Counterweight

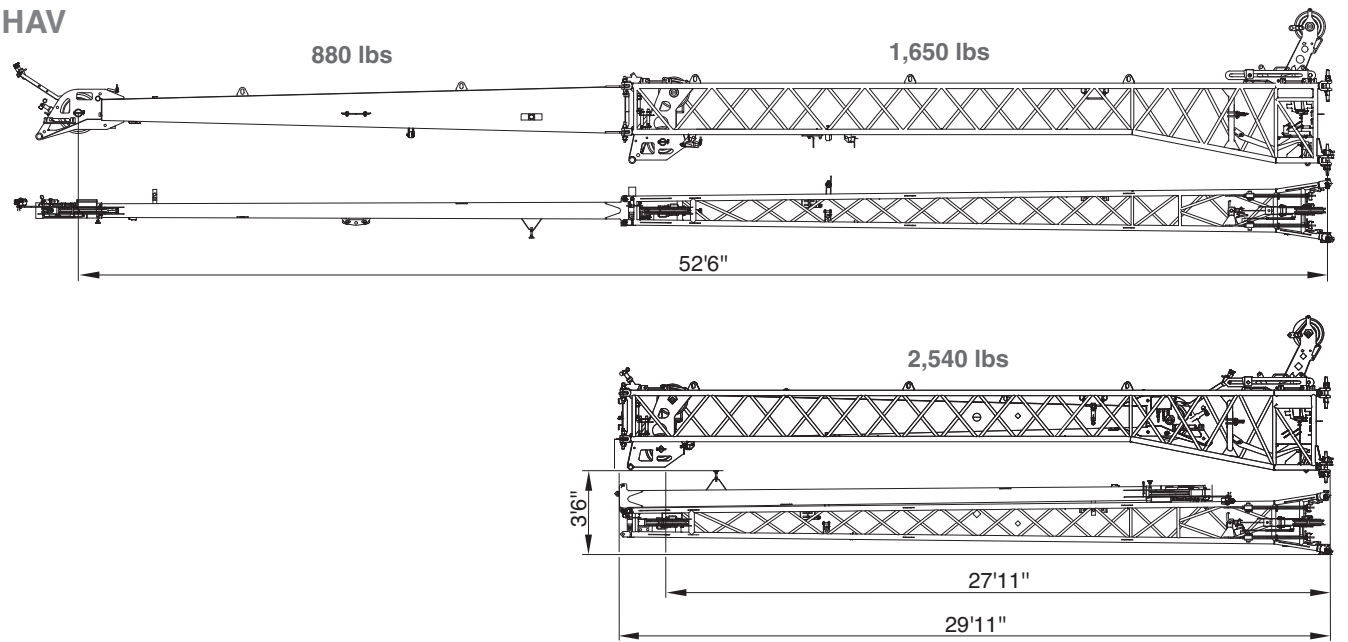


When using H2, counterweight ⑦ is not applicable

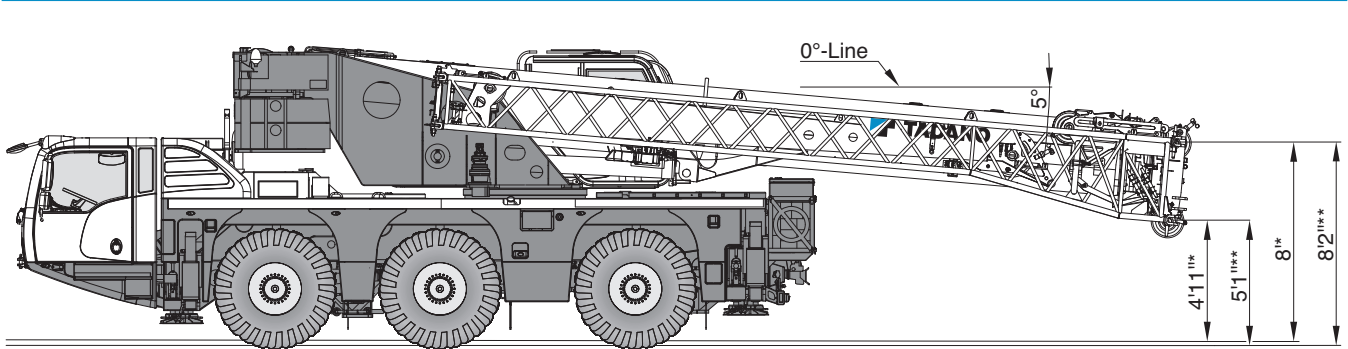
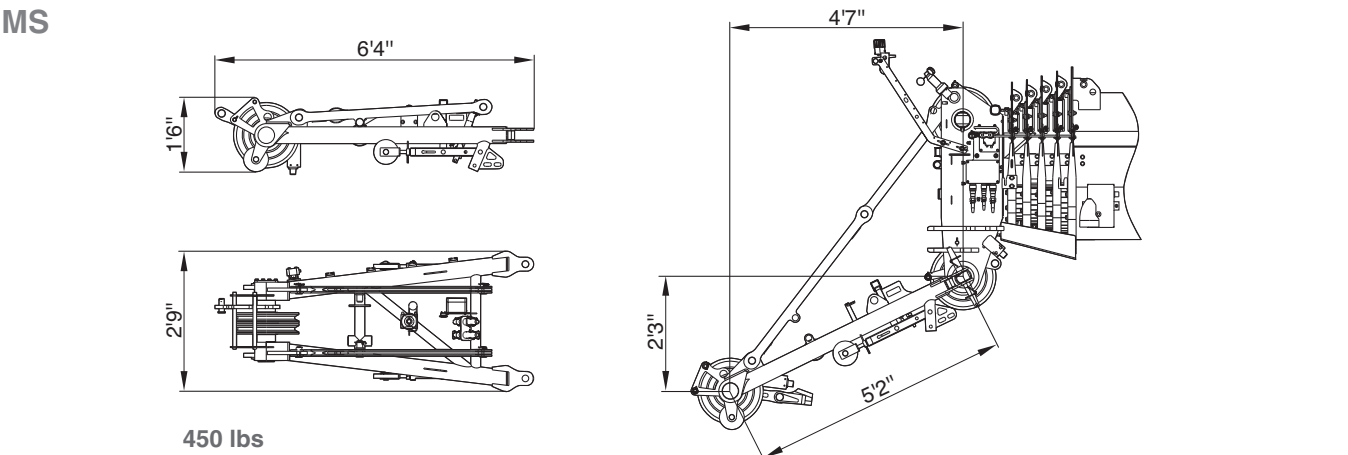
Transportation

Jib

HAV

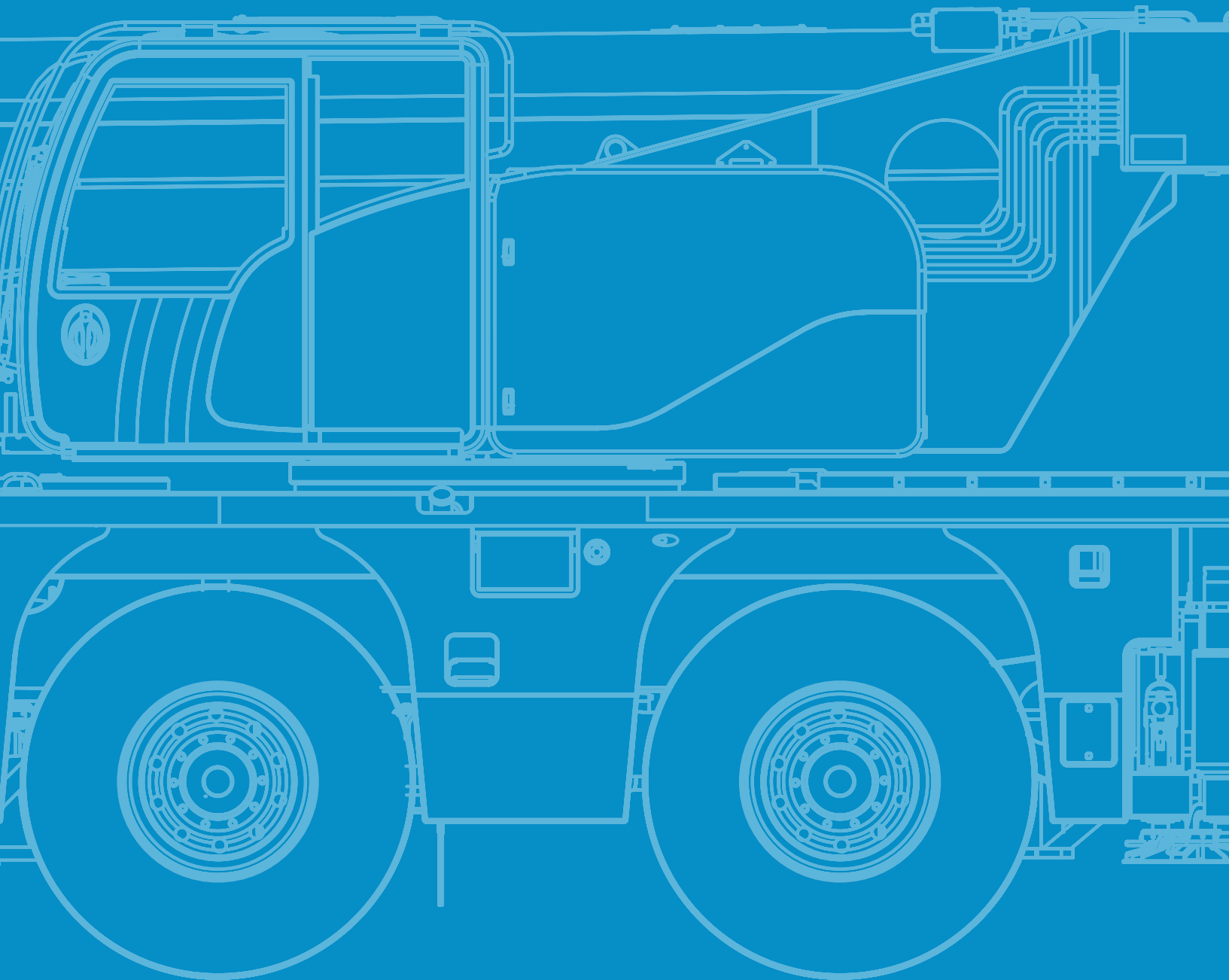


MS



* 385/95R25 ** 445/95R25

TECHNICAL DATA FOR OPERATION



Notes

Operation

Main boom



approx. 490 s (34.1 - 164.0 ft)



approx. 50 s (-5° - 82°)

Slewing



1,80 min⁻¹

Hoist

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

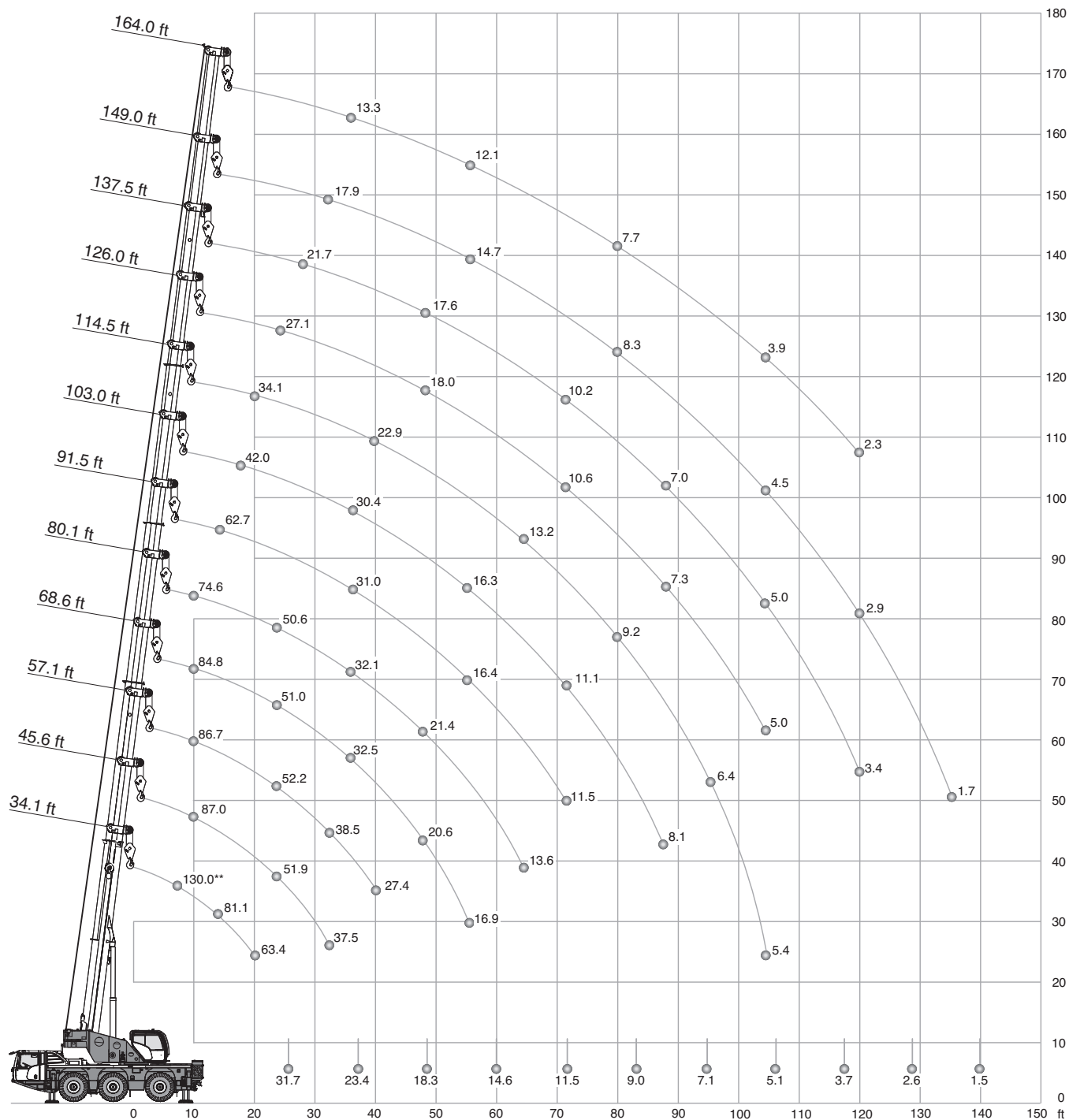
Outrigger cylinders

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

Hook Blocks



					
17,600 lbs	14,500 lbs	—	1	375 lbs	3.3 ft
44,100 lbs	43,600 lbs	1	3	660 lbs	5.9 ft
110,200 lbs	87,100 lbs	3	6	1,320 lbs	5.9 ft



** Max. crane capacity – with additional special equipment

 26,700 lbs		 22.6 ft x 21.3 ft		360°		ASME B30.5									
		34.1ft*	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft		1,000 lbs													ft
8		130.0**	-	-	-	-	-	-	-	-	-	-	-	-	8
10		87.1	87.1	87.0	86.7	84.8	74.6	-	-	-	-	-	-	-	10
12		86.1	85.8	84.4	81.2	78.4	72.8	-	-	-	-	-	-	-	12
14		81.1	79.6	77.8	74.8	72.4	69.4	62.7	-	-	-	-	-	-	14
16		74.8	72.3	72.1	69.2	66.8	64.9	58.8	-	-	-	-	-	-	16
18		69.1	66.4	66.9	64.6	62.3	61.2	55.8	42.0	-	-	-	-	-	18
20		63.4	60.7	61.8	60.2	58.1	57.2	53.2	40.5	34.1	-	-	-	-	20
24		-	-	51.9	52.2	51.0	50.6	48.6	37.5	32.9	27.1	-	-	-	24
28		-	-	43.8	44.8	44.8	44.3	42.7	35.8	30.8	26.4	21.7	-	-	28
32		-	-	37.5	38.5	38.2	37.8	36.5	33.7	27.7	25.4	21.2	17.9	-	32
36		-	-	-	32.8	32.5	32.1	31.0	30.4	25.2	23.5	20.7	17.6	13.3	36
40		-	-	-	27.4	27.2	26.8	27.6	26.8	22.9	21.5	20.1	17.4	13.2	40
48		-	-	-	-	20.6	21.4	20.9	20.1	19.8	18.0	17.6	16.4	12.6	48
56		-	-	-	-	16.9	16.9	16.4	16.3	16.0	15.6	14.7	14.7	12.1	56
64		-	-	-	-	-	13.6	13.6	13.4	13.2	12.7	12.4	12.1	11.4	64
72		-	-	-	-	-	-	11.5	11.1	10.9	10.6	10.2	9.7	9.5	72
80		-	-	-	-	-	-	-	9.5	9.2	8.8	8.3	8.3	7.7	80
88		-	-	-	-	-	-	-	8.1	7.7	7.3	7.0	6.8	6.2	88
96		-	-	-	-	-	-	-	-	6.4	6.1	6.1	5.6	5.0	96
104		-	-	-	-	-	-	-	-	5.4	5.0	5.0	4.5	3.9	104
112		-	-	-	-	-	-	-	-	-	-	4.1	3.7	3.0	112
120		-	-	-	-	-	-	-	-	-	-	3.4	2.9	2.3	120
128		-	-	-	-	-	-	-	-	-	-	-	2.2	-	128
136		-	-	-	-	-	-	-	-	-	-	-	1.7	-	136
1)		31.7	31.7	23.4	18.3	14.6	11.5	9.0	7.1	5.1	3.7	2.6	1.5	-	1)

1) Capacities with horizontal boom

* over rear

** Max. crane capacity – with additional special equipment

 20,700 lbs			 22.6 ft x 21.3 ft			360° / Max.*						ASME B30.5		
		360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft	
ft		1,000 lbs												ft
10		87.1	87.1	87.0	87.0	86.7	86.7	84.8	84.8	74.6	74.6	-	-	10
12		85.7	85.8	84.4	84.4	81.2	81.2	78.4	78.4	72.8	72.8	-	-	12
14		79.3	79.6	77.8	77.8	74.8	74.8	72.4	72.4	69.4	69.4	62.7	62.7	14
16		72.0	72.3	72.1	72.1	69.2	69.2	66.8	66.8	64.9	64.9	58.8	58.8	16
18		65.6	66.4	66.5	66.9	64.6	64.6	62.3	62.3	61.2	61.2	55.8	55.8	18
20		59.5	60.5	60.8	61.6	60.1	60.1	58.1	58.1	57.2	57.2	53.2	53.2	20
24		-	-	50.1	50.1	50.3	50.3	50.1	50.1	49.8	50.0	47.2	47.7	24
28		-	-	41.1	41.6	42.4	42.8	42.4	42.7	41.6	42.2	38.8	39.5	28
32		-	-	33.9	34.6	34.6	35.3	34.6	35.3	34.1	34.8	32.5	33.3	32
36		-	-	-	-	29.0	29.7	29.0	29.7	28.6	29.2	28.5	28.9	36
40		-	-	-	-	24.2	24.8	24.2	24.8	25.0	25.5	24.4	25.0	40
48		-	-	-	-	-	-	19.1	19.2	18.9	19.5	18.4	18.9	48
56		-	-	-	-	-	-	15.0	15.7	14.8	15.3	14.8	15.2	56
64		-	-	-	-	-	-	-	-	12.1	12.4	12.2	12.7	64
72		-	-	-	-	-	-	-	-	-	9.3	10.0	10.4	72
80		-	-	-	-	-	-	-	-	-	-	-	8.8	80
1)		31.7	30.9	23.4	22.5	18.3	17.6	13.2	13.9	10.1	10.6	7.7	8.4	1)

		360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
ft		1,000 lbs												ft
18		42.0	42.0	-	-	-	-	-	-	-	-	-	-	18
20		40.5	40.5	34.1	34.1	-	-	-	-	-	-	-	-	20
24		37.5	37.5	32.9	32.9	27.1	27.1	-	-	-	-	-	-	24
28		35.8	35.8	30.8	30.8	26.4	26.4	21.7	21.7	-	-	-	-	28
32		32.2	32.7	27.7	27.7	25.4	25.4	21.2	21.2	17.9	17.9	-	-	32
36		27.9	28.5	24.9	25.1	23.4	23.5	20.7	20.7	17.6	17.6	13.3	13.3	36
40		23.7	24.4	22.8	22.8	21.2	21.5	20.0	20.1	17.4	17.4	13.2	13.2	40
48		18.4	18.6	18.0	18.7	17.5	17.8	16.7	17.1	16.0	16.3	12.6	12.6	48
56		14.6	15.2	14.5	14.7	14.0	14.6	13.7	14.1	13.0	13.8	11.8	12.1	56
64		11.9	12.2	11.6	12.2	11.3	11.8	10.9	11.3	10.7	11.1	9.7	10.6	64
72		9.7	10.4	9.5	10.2	9.1	9.7	9.1	9.3	8.6	9.3	7.8	8.6	72
80		8.2	8.6	7.7	8.4	7.5	8.1	7.5	7.9	6.8	7.5	6.2	7.0	80
88		6.8	7.5	6.3	7.0	6.0	6.6	6.0	6.7	5.5	6.2	4.9	5.6	88
96		-	6.3	5.2	5.8	5.0	5.5	5.0	5.6	4.3	5.0	3.9	4.5	96
104		-	-	4.3	4.9	3.9	4.5	3.9	4.5	3.4	4.1	2.8	3.6	104
112		-	-	-	-	-	-	3.3	3.7	2.6	3.3	-	2.8	112
120		-	-	-	-	-	-	2.5	3.2	2.0	2.7	-	2.1	120
128		-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)		6.0	6.4	4.2	4.6	2.6	3.3	2.0	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 10,400 lbs			 22.6 ft x 21.3 ft			360° / Max.*						ASME B30.5		
		360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft	
ft		1,000 lbs												ft
10		87.1	87.1	87.0	87.0	86.7	86.7	84.8	84.8	74.6	74.6	-	-	10
12		85.5	85.8	84.4	84.4	81.2	81.2	78.4	78.4	72.8	72.8	-	-	12
14		78.6	79.6	77.8	77.8	74.8	74.8	72.4	72.4	69.4	69.4	62.7	62.7	14
16		70.5	72.3	71.4	72.1	69.2	69.2	66.8	66.8	64.9	64.9	58.8	58.8	16
18		62.9	64.2	64.3	64.9	63.4	63.5	60.1	62.1	58.7	61.2	53.4	55.8	18
20		55.5	56.2	57.1	57.5	57.3	57.7	55.4	57.3	51.8	57.0	47.7	53.1	20
24		-	-	44.2	46.5	45.5	47.6	43.6	47.5	40.8	47.2	37.9	46.5	24
28		-	-	33.9	39.2	34.8	39.7	34.7	39.6	33.3	39.4	32.8	38.7	28
32		-	-	26.8	33.3	27.7	33.9	27.7	33.7	28.4	33.5	27.4	32.8	32
36		-	-	-	-	23.0	29.2	23.7	29.1	23.9	28.8	23.1	28.9	36
40		-	-	-	-	19.6	24.8	20.1	24.8	19.9	25.5	19.7	25.0	40
48		-	-	-	-	-	-	14.9	19.2	15.1	19.5	15.1	18.9	48
56		-	-	-	-	-	-	11.6	15.7	11.8	15.3	11.7	15.2	56
64		-	-	-	-	-	-	-	-	9.5	12.4	9.3	12.7	64
72		-	-	-	-	-	-	-	-	-	9.3	7.3	10.4	72
80		-	-	-	-	-	-	-	-	-	-	-	8.8	80
1)		31.7	30.9	20.7	22.5	14.3	17.6	10.1	13.9	7.7	10.6	5.5	8.4	1)

		360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
ft		1,000 lbs												ft
18		42.0	42.0	-	-	-	-	-	-	-	-	-	-	18
20		40.4	40.5	34.1	34.1	-	-	-	-	-	-	-	-	20
24		36.4	37.5	32.1	32.9	27.1	27.1	-	-	-	-	-	-	24
28		30.6	35.8	28.8	30.8	25.6	26.4	21.7	21.7	-	-	-	-	28
32		25.9	32.7	25.1	27.7	23.6	25.4	21.2	21.2	17.9	17.9	-	-	32
36		22.5	28.5	21.7	25.1	20.9	23.5	19.1	20.7	17.2	17.6	13.3	13.3	36
40		19.6	24.4	19.4	22.8	18.4	21.5	17.3	20.1	16.2	17.4	13.2	13.2	40
48		14.9	18.6	14.5	18.7	14.2	17.8	13.8	17.1	13.0	16.3	11.7	12.6	48
56		11.5	15.2	11.0	14.7	10.8	14.6	10.8	14.1	9.8	13.8	8.5	12.1	56
64		9.0	12.2	8.6	12.2	8.4	11.8	8.4	11.3	7.5	11.1	6.3	10.6	64
72		7.1	10.4	6.7	10.2	6.4	9.7	6.4	9.3	5.8	9.3	4.7	8.6	72
80		5.7	8.6	5.3	8.4	5.1	8.1	5.1	7.9	4.5	7.5	3.6	7.0	80
88		4.6	7.5	4.1	7.0	3.8	6.6	3.8	6.7	3.4	6.2	2.5	5.6	88
96		-	6.3	3.2	5.8	2.9	5.5	2.9	5.6	2.4	5.0	-	4.5	96
104		-	-	2.5	4.9	2.1	4.5	2.1	4.5	-	4.1	-	3.6	104
112		-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112
120		-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120
128		-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)		4.0	6.4	2.4	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 7,100 lbs		 22.6 ft x 21.3 ft		360° / Max.*								ASME B30.5	
 360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft		
1,000 lbs												ft	
10	87.1	87.1	87.0	87.0	86.7	86.7	84.8	84.8	74.6	74.6	-	-	10
12	85.4	85.8	84.4	84.4	81.2	81.2	78.4	78.4	72.8	72.8	-	-	12
14	78.1	79.6	77.8	77.8	74.8	74.8	72.4	72.4	69.4	69.4	62.7	62.7	14
16	69.1	70.9	70.4	71.6	69.2	69.2	66.1	66.8	63.0	64.9	57.8	58.8	16
18	61.6	62.5	63.1	63.8	61.3	62.8	57.6	61.3	55.5	61.2	50.9	55.8	18
20	54.2	54.7	55.8	56.0	54.9	56.3	51.5	55.7	47.9	56.9	44.0	53.0	20
24	-	-	41.3	45.2	42.0	46.3	40.3	46.3	37.7	46.1	36.9	45.2	24
28	-	-	31.2	38.2	32.1	38.7	32.0	38.6	31.8	38.3	30.3	37.6	28
32	-	-	24.7	32.4	25.4	33.0	26.2	32.8	26.3	32.6	25.3	32.5	32
36	-	-	-	-	21.2	28.8	22.1	28.6	21.9	28.3	21.4	28.9	36
40	-	-	-	-	17.9	24.8	18.3	24.8	18.6	25.5	18.6	25.0	40
48	-	-	-	-	-	-	13.6	19.2	13.9	19.5	13.8	18.9	48
56	-	-	-	-	-	-	10.5	15.7	10.7	15.3	10.5	15.2	56
64	-	-	-	-	-	-	-	-	8.4	12.4	8.2	12.7	64
72	-	-	-	-	-	-	-	-	-	9.3	6.4	10.4	72
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80
1)	31.7	30.9	19.0	22.5	12.8	17.6	9.3	13.9	6.8	10.6	4.6	8.4	1)

 360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
1,000 lbs												ft
18	42.0	42.0	-	-	-	-	-	-	-	-	-	18
20	40.1	40.5	34.0	34.1	-	-	-	-	-	-	-	20
24	34.2	37.5	30.9	32.9	27.0	27.1	-	-	-	-	-	24
28	28.1	35.8	27.3	30.8	24.8	26.4	21.7	21.7	-	-	-	28
32	24.6	32.4	23.5	27.7	22.3	25.4	20.6	21.2	17.9	17.9	-	32
36	21.3	28.2	20.6	25.1	19.6	23.5	18.3	20.7	16.4	17.6	13.3	36
40	18.3	24.4	17.7	22.8	16.9	21.5	16.4	20.1	15.1	17.4	13.0	40
48	13.6	18.6	13.2	18.7	12.8	17.8	12.5	17.1	11.5	16.3	10.2	48
56	10.5	15.2	10.1	14.7	9.6	14.6	9.5	14.1	8.5	13.8	7.3	56
64	8.2	12.2	7.7	12.2	7.3	11.8	7.3	11.3	6.3	11.1	5.2	64
72	6.2	10.4	5.8	10.2	5.5	9.7	5.5	9.3	4.9	9.3	3.8	72
80	4.9	8.6	4.5	8.4	4.2	8.1	4.2	7.9	3.6	7.5	2.7	80
88	3.9	7.5	3.5	7.0	3.2	6.6	3.2	6.7	2.6	6.2	-	88
96	-	6.3	2.7	5.8	2.2	5.5	2.2	5.6	-	5.0	-	96
104	-	-	1.9	4.9	-	4.5	-	4.5	-	4.1	-	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	120
128	-	-	-	-	-	-	-	-	-	2.0	-	128
1)	3.3	6.4	1.8	4.6	-	3.3	-	2.4	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 26,700 lbs		 22.6 ft x 14.8 ft		360° / Max.*								ASME B30.5		
		360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft	
ft	1,000 lbs													ft
10	86.5	87.1	86.6	87.0	86.6	86.7	84.8	84.8	74.6	74.6	-	-	-	10
12	78.3	85.8	79.3	84.4	79.6	81.2	78.1	78.4	71.3	72.8	-	-	-	12
14	69.8	79.6	70.9	77.8	71.0	74.8	68.7	72.4	64.1	69.4	59.0	62.7	14	14
16	62.8	72.3	63.7	72.1	63.2	69.2	60.0	66.8	55.7	64.9	50.9	58.8	16	16
18	53.9	66.4	55.2	66.9	56.1	64.6	52.9	62.3	49.1	61.2	45.0	55.8	18	18
20	44.8	60.7	47.4	61.8	48.3	60.2	46.1	58.1	43.2	57.2	41.1	53.2	20	20
24	-	-	34.9	51.9	35.6	52.2	35.6	50.8	34.9	50.0	33.9	47.7	24	24
28	-	-	27.1	42.5	27.7	43.6	28.5	43.7	28.5	42.2	27.8	39.5	28	28
32	-	-	21.9	34.6	23.0	35.3	23.2	35.3	23.0	34.8	23.0	33.3	32	32
36	-	-	-	-	19.4	29.7	19.6	29.7	19.5	29.2	19.8	28.9	36	36
40	-	-	-	-	16.2	24.8	16.4	24.8	16.6	25.5	16.6	25.0	40	40
48	-	-	-	-	-	-	12.5	19.2	12.7	19.5	12.6	18.9	48	48
56	-	-	-	-	-	-	9.9	15.7	10.0	15.3	9.9	15.2	56	56
64	-	-	-	-	-	-	-	-	8.0	12.4	7.9	12.7	64	64
72	-	-	-	-	-	-	-	-	-	9.3	6.4	10.4	72	72
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	80
1)	28.9	30.9	17.2	22.5	11.9	17.6	8.6	13.9	6.6	10.6	4.9	8.4	1)	1)

		360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
ft	1,000 lbs													ft
16	40.5	40.5	-	-	-	-	-	-	-	-	-	-	-	16
18	40.4	42.0	-	-	-	-	-	-	-	-	-	-	-	18
20	38.5	40.5	33.7	34.1	-	-	-	-	-	-	-	-	-	20
24	31.5	37.5	30.1	32.9	26.4	27.1	-	-	-	-	-	-	-	24
28	27.0	35.8	25.7	30.8	24.1	26.4	21.5	21.7	-	-	-	-	-	28
32	23.0	32.7	22.5	27.7	21.4	25.4	19.7	21.2	17.9	17.9	-	-	-	32
36	19.6	28.5	19.3	25.1	18.6	23.5	17.5	20.7	16.2	17.6	13.3	13.3	36	36
40	16.4	24.4	16.2	22.8	16.0	21.5	15.8	20.1	14.9	17.4	13.0	13.2	40	40
48	12.5	18.6	12.2	18.7	12.0	17.8	12.0	17.1	11.6	16.3	10.6	12.6	48	48
56	9.7	15.2	9.4	14.7	9.2	14.6	9.3	14.1	8.9	13.8	8.3	12.1	56	56
64	7.8	12.2	7.4	12.2	7.2	11.8	7.2	11.3	6.9	11.1	6.5	10.6	64	64
72	6.2	10.4	6.0	10.2	5.8	9.7	5.8	9.3	5.3	9.3	4.9	8.6	72	72
80	5.2	8.6	4.9	8.4	4.7	8.1	4.7	7.9	4.3	7.5	3.8	7.0	80	80
88	4.4	7.5	3.9	7.0	3.7	6.6	3.7	6.7	3.5	6.2	2.8	5.6	88	88
96	-	6.3	3.2	5.8	3.0	5.5	3.0	5.6	2.7	5.0	2.0	4.5	96	96
104	-	-	2.7	4.9	2.3	4.5	2.3	4.5	1.9	4.1	-	3.6	104	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128	128
1)	3.7	6.4	2.4	4.6	-	3.3	-	2.4	-	-	-	-	1)	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 20,700 lbs			 22.6 ft x 14.8 ft			360° / Max.*						ASME B30.5		
		360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft	
ft	1,000 lbs													ft
10	86.4	87.1	86.5	87.0	86.5	86.7	84.5	84.8	74.1	74.6	-	-	-	10
12	77.2	85.8	78.3	84.4	78.1	81.2	73.3	78.4	66.5	72.8	-	-	-	12
14	68.8	79.6	69.9	77.8	67.0	74.8	63.0	72.4	57.4	69.4	52.1	62.7	14	14
16	59.1	72.3	60.7	72.1	57.9	69.2	53.5	66.8	49.3	64.9	45.4	58.8	16	16
18	48.7	66.4	50.5	66.9	49.9	64.6	46.9	62.3	43.3	61.2	40.8	55.8	18	18
20	39.2	60.5	41.8	61.6	42.5	60.1	40.9	58.1	39.3	57.2	36.7	53.2	20	20
24	-	-	30.5	50.1	31.2	50.3	31.9	50.0	31.6	50.0	30.1	47.7	24	24
28	-	-	23.5	41.6	24.9	42.8	25.2	42.7	25.1	42.2	24.8	39.5	28	28
32	-	-	18.9	34.6	20.0	35.3	20.3	35.3	20.5	34.8	20.5	33.3	32	32
36	-	-	-	-	16.8	29.7	17.0	29.7	17.3	29.2	17.3	28.9	36	36
40	-	-	-	-	14.0	24.8	14.3	24.8	14.5	25.5	14.5	25.0	40	40
48	-	-	-	-	-	-	10.8	19.2	10.9	19.5	10.8	18.9	48	48
56	-	-	-	-	-	-	8.3	15.7	8.4	15.3	8.3	15.2	56	56
64	-	-	-	-	-	-	-	-	6.7	12.4	6.5	12.7	64	64
72	-	-	-	-	-	-	-	-	-	9.3	5.3	10.4	72	72
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	80
1)	24.9	30.9	14.8	22.5	10.1	17.6	7.3	13.9	5.5	10.6	4.0	8.4	1)	1)

		360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
ft	1,000 lbs													ft
16	40.5	40.5	-	-	-	-	-	-	-	-	-	-	-	16
18	37.5	42.0	-	-	-	-	-	-	-	-	-	-	-	18
20	34.5	40.5	31.6	34.1	-	-	-	-	-	-	-	-	-	20
24	28.9	37.5	27.6	32.9	25.0	27.1	-	-	-	-	-	-	-	24
28	24.6	35.8	23.1	30.8	21.8	26.4	20.0	21.7	-	-	-	-	-	28
32	20.3	32.7	19.6	27.7	18.7	25.4	17.7	21.2	16.2	17.9	-	-	-	32
36	17.0	28.5	16.7	25.1	16.1	23.5	15.7	20.7	14.5	17.6	12.6	13.3	36	36
40	14.3	24.4	14.0	22.8	13.8	21.5	13.6	20.1	12.6	17.4	11.5	13.2	40	40
48	10.8	18.6	10.3	18.7	10.1	17.8	10.3	17.1	9.7	16.3	8.7	12.6	48	48
56	8.3	15.2	7.9	14.7	7.8	14.6	7.8	14.1	7.3	13.8	6.6	12.1	56	56
64	6.5	12.2	6.2	12.2	6.1	11.8	6.1	11.3	5.6	11.1	4.7	10.6	64	64
72	5.1	10.4	4.9	10.2	4.7	9.7	4.7	9.3	4.2	9.3	3.6	8.6	72	72
80	4.1	8.6	3.8	8.4	3.6	8.1	3.6	7.9	3.4	7.5	2.5	7.0	80	80
88	3.3	7.5	3.0	7.0	2.8	6.6	2.8	6.7	2.4	6.2	-	5.6	88	88
96	-	6.3	2.4	5.8	2.1	5.5	2.1	5.6	-	5.0	-	4.5	96	96
104	-	-	1.8	4.9	-	4.5	-	4.5	-	4.1	-	3.6	104	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128	128
1)	2.9	6.4	1.8	4.6	-	3.3	-	2.4	-	-	-	-	1)	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 10,400 lbs		 22.6 ft x 14.8 ft						360° / Max.*				ASME B30.5		
		360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft	
ft	1,000 lbs													ft
10	85.6	87.1	86.0	87.0	82.0	86.7	74.4	84.8	65.8	74.6	-	-	-	10
12	74.7	85.8	71.6	84.4	66.1	81.2	59.6	78.4	53.5	72.8	-	-	-	12
14	61.0	79.6	57.8	77.8	53.9	74.8	49.4	72.4	45.5	69.4	42.5	62.7	14	14
16	46.4	72.3	48.1	72.1	45.2	69.2	41.8	66.8	39.8	64.9	36.8	58.8	16	16
18	37.2	64.2	39.9	64.9	38.8	63.5	37.0	62.1	34.9	61.2	32.5	55.8	18	18
20	29.7	56.2	32.3	57.5	33.0	57.7	32.7	57.3	31.0	57.0	29.3	53.1	20	20
24	-	-	23.3	46.5	24.6	47.6	25.0	47.5	24.9	47.2	23.7	46.5	24	24
28	-	-	17.8	39.2	18.9	39.7	19.4	39.6	19.6	39.4	19.3	38.7	28	28
32	-	-	14.1	33.3	15.2	33.9	15.5	33.7	15.7	33.5	15.6	32.6	32	32
36	-	-	-	-	12.6	29.2	12.8	29.1	13.1	28.8	13.1	28.9	36	36
40	-	-	-	-	10.3	24.8	10.6	24.8	10.8	25.5	10.8	25.0	40	40
48	-	-	-	-	-	-	7.8	19.2	8.0	19.5	7.8	18.9	48	48
56	-	-	-	-	-	-	5.9	15.7	5.9	15.2	5.9	15.2	56	56
64	-	-	-	-	-	-	-	-	4.6	12.2	4.5	12.5	64	64
72	-	-	-	-	-	-	-	-	-	9.3	3.3	10.4	72	72
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80	80
1)	18.3	30.9	10.6	22.5	7.3	17.6	5.1	13.9	3.5	10.6	2.4	7.9	1)	1)

		360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
ft	1,000 lbs													ft
16	33.2	40.5	-	-	-	-	-	-	-	-	-	-	-	16
18	30.9	42.0	-	-	-	-	-	-	-	-	-	-	-	18
20	27.6	40.5	25.6	34.1	-	-	-	-	-	-	-	-	-	20
24	22.5	37.5	20.9	32.9	19.6	27.1	-	-	-	-	-	-	-	24
28	18.6	35.8	17.3	30.8	16.3	26.4	15.7	21.7	-	-	-	-	-	28
32	15.4	32.7	14.6	27.7	13.7	25.4	13.2	21.2	12.1	17.9	-	-	-	32
36	12.8	28.1	12.4	24.6	11.7	23.2	11.4	20.7	10.4	17.6	9.3	13.3	36	36
40	10.6	23.8	10.3	22.8	9.9	20.7	9.7	19.9	8.8	17.4	7.7	13.2	40	40
48	7.8	18.6	7.4	18.2	7.2	17.6	7.2	16.6	6.4	15.6	5.2	12.6	48	48
56	5.8	15.2	5.5	14.7	5.2	14.1	5.2	13.4	4.4	12.6	3.4	11.4	56	56
64	4.4	12.1	4.0	12.2	3.8	11.5	3.8	10.6	2.9	10.4	2.0	9.3	64	64
72	3.3	10.4	3.1	10.2	2.9	9.7	2.7	9.1	2.0	8.2	-	7.3	72	72
80	2.5	8.6	2.1	8.3	-	7.7	-	7.9	-	6.8	-	5.8	80	80
88	-	7.2	-	6.8	-	6.2	-	6.2	-	5.6	-	4.6	88	88
96	-	6.0	-	5.7	-	5.5	-	5.0	-	4.5	-	3.6	96	96
104	-	-	-	4.9	-	4.5	-	4.4	-	3.4	-	2.7	104	104
112	-	-	-	-	-	-	-	3.7	-	2.8	-	2.0	112	112
120	-	-	-	-	-	-	-	2.7	-	2.4	-	-	120	120
128	-	-	-	-	-	-	-	-	-	1.9	-	-	128	128
1)	-	6.0	-	4.6	-	3.3	-	2.4	-	-	-	-	1)	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 7,100 lbs		 22.6 ft x 14.8 ft		360° / Max.*								ASME B30.5	
 360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft		
ft	1,000 lbs											ft	
10	84.9	87.1	85.2	87.0	74.9	86.7	68.1	84.8	60.1	74.6	-	-	10
12	72.1	85.8	65.3	84.4	60.4	81.2	54.4	78.4	48.8	72.8	-	-	12
14	55.3	79.6	53.2	77.8	49.2	74.8	45.0	72.4	42.6	69.4	38.7	62.7	14
16	42.0	70.9	43.8	71.6	41.1	69.2	39.1	66.8	36.4	64.9	34.2	58.8	16
18	33.6	62.5	36.1	63.8	35.3	62.8	34.2	61.3	32.1	61.2	30.3	55.8	18
20	26.7	54.7	29.1	56.0	30.6	56.3	29.6	55.7	28.4	56.9	26.7	53.0	20
24	-	-	21.0	45.2	22.3	46.3	22.7	46.3	22.5	46.1	21.4	45.2	24
28	-	-	15.9	38.2	17.1	38.7	17.5	38.6	17.7	38.3	17.3	37.0	28
32	-	-	12.5	32.4	13.6	33.0	13.9	32.8	14.1	32.2	14.0	31.8	32
36	-	-	-	-	11.3	27.9	11.5	27.8	11.7	27.3	11.6	27.4	36
40	-	-	-	-	9.2	23.4	9.5	23.3	9.7	24.3	9.5	23.5	40
48	-	-	-	-	-	-	6.8	18.3	7.0	18.1	6.9	17.6	48
56	-	-	-	-	-	-	5.0	14.5	5.2	14.1	5.1	14.4	56
64	-	-	-	-	-	-	-	-	4.0	11.6	3.8	11.6	64
72	-	-	-	-	-	-	-	-	-	9.3	2.9	9.3	72
80	-	-	-	-	-	-	-	-	-	-	-	7.7	80
1)	16.3	30.9	9.5	22.5	6.4	17.6	4.4	12.8	3.1	9.5	1.8	7.1	1)

 360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft		
ft	1,000 lbs											ft	
16	30.0	40.5	-	-	-	-	-	-	-	-	-	16	
18	28.3	42.0	-	-	-	-	-	-	-	-	-	18	
20	25.0	40.5	23.2	34.1	-	-	-	-	-	-	-	20	
24	20.2	37.5	18.9	32.9	17.6	27.1	-	-	-	-	-	24	
28	16.8	35.2	15.6	30.8	14.5	26.4	13.9	21.7	-	-	-	28	
32	13.8	30.5	13.1	27.2	12.1	25.4	11.7	21.2	10.6	17.9	-	32	
36	11.5	25.8	11.0	23.9	10.3	22.2	10.0	20.0	9.0	17.6	7.9	13.3	36
40	9.5	22.0	9.0	21.2	8.6	20.5	8.4	19.0	7.5	17.1	6.4	13.2	40
48	6.8	18.1	6.5	17.0	6.3	16.2	6.1	14.8	5.2	13.9	3.9	12.3	48
56	5.0	13.9	4.7	13.6	4.5	12.8	4.4	12.0	3.4	11.4	2.3	10.1	56
64	3.7	11.4	3.4	11.0	3.1	10.3	2.9	9.9	2.2	9.0	-	7.9	64
72	2.7	9.3	2.4	8.9	2.0	8.4	2.0	8.2	-	7.1	-	6.0	72
80	-	7.5	-	7.1	-	6.6	-	6.6	-	5.7	-	4.7	80
88	-	6.3	-	5.9	-	5.3	-	5.3	-	4.5	-	3.6	88
96	-	5.3	-	5.0	-	4.4	-	4.2	-	3.6	-	2.7	96
104	-	-	-	3.9	-	3.4	-	3.6	-	2.7	-	1.9	104
112	-	-	-	-	-	-	-	2.8	-	2.2	-	-	112
120	-	-	-	-	-	-	-	2.1	-	-	-	-	120
1)	-	5.3	-	3.7	-	2.4	-	1.5	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 18,700 lbs		 22.6 ft x 9.8 ft		360° / Max.*								ASME B30.5	
	360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft	
ft	1,000 lbs												ft
10	53.1	87.1	50.9	87.0	47.4	86.7	44.7	84.8	41.3	74.6	-	-	10
12	41.3	85.8	42.3	84.4	40.2	81.2	38.2	78.4	35.9	72.8	-	-	12
14	32.6	79.6	35.0	77.8	34.8	74.8	33.1	72.4	31.3	69.4	33.5	62.7	14
16	27.0	72.3	29.3	72.1	30.1	69.2	29.3	66.8	27.9	64.9	29.4	58.8	16
18	22.2	66.1	24.4	66.6	25.7	64.6	25.7	62.3	24.8	61.2	26.2	55.8	18
20	-	59.9	18.2	61.0	19.5	60.0	19.8	58.0	20.0	57.2	23.3	53.2	20
24	-	-	14.2	49.4	15.2	50.1	15.7	49.8	15.9	49.8	19.2	47.7	24
28	-	-	11.3	41.4	12.4	42.2	12.7	42.2	12.9	41.9	15.7	39.5	28
32	-	-	-	34.6	10.4	35.1	10.6	35.1	10.8	34.8	12.7	33.3	32
36	-	-	-	-	8.6	29.7	8.8	29.7	9.0	29.2	10.6	28.9	36
40	-	-	-	-	-	24.8	6.4	24.8	6.6	25.5	8.8	25.0	40
48	-	-	-	-	-	-	4.9	19.2	4.9	19.5	6.6	18.9	48
56	-	-	-	-	-	-	-	15.7	3.7	15.3	4.9	15.2	56
64	-	-	-	-	-	-	-	-	-	12.4	3.7	12.7	64
72	-	-	-	-	-	-	-	-	-	9.3	2.7	10.4	72
80	-	-	-	-	-	-	-	-	-	-	-	8.8	80
1)	14.3	30.9	8.6	22.5	6.0	17.6	4.2	13.9	2.9	10.6	1.8	8.4	1)

	360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
ft	1,000 lbs												ft
16	25.8	40.5	-	-	-	-	-	-	-	-	-	-	16
18	24.6	42.0	-	-	-	-	-	-	-	-	-	-	18
20	21.9	40.5	20.4	34.1	-	-	-	-	-	-	-	-	20
24	18.1	37.5	16.9	32.9	15.8	27.1	-	-	-	-	-	-	24
28	15.1	35.8	14.2	30.8	13.2	26.4	12.7	21.7	-	-	-	-	28
32	12.6	32.7	11.9	27.7	11.0	25.4	10.7	21.2	9.8	17.9	-	-	32
36	10.6	28.5	10.1	25.1	9.4	23.5	9.2	20.7	8.3	17.6	7.3	13.3	36
40	8.8	24.4	8.4	22.8	8.0	21.5	7.8	20.1	6.9	17.4	6.0	13.2	40
48	6.3	18.6	6.1	18.7	5.9	17.8	5.7	17.1	4.9	16.3	3.8	12.6	48
56	4.7	15.2	4.5	14.7	4.3	14.6	4.0	14.1	3.3	13.8	2.3	12.1	56
64	3.5	12.2	3.3	12.2	3.1	11.8	2.9	11.3	2.0	11.1	-	10.6	64
72	2.7	10.4	2.2	10.2	2.0	9.7	1.8	9.3	-	9.3	-	8.6	72
80	-	8.6	-	8.4	-	8.1	-	7.9	-	7.5	-	7.0	80
88	-	7.5	-	7.0	-	6.6	-	6.7	-	6.2	-	5.6	88
96	-	6.3	-	5.8	-	5.5	-	5.6	-	5.0	-	4.5	96
104	-	-	-	4.9	-	4.5	-	4.5	-	4.1	-	3.6	104
112	-	-	-	-	-	-	-	3.7	-	3.3	-	2.8	112
120	-	-	-	-	-	-	-	3.2	-	2.7	-	2.1	120
128	-	-	-	-	-	-	-	-	-	2.0	-	-	128
1)	-	6.4	-	4.6	-	3.3	-	2.4	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 10,400 lbs			 22.6 ft x 9.8 ft			360° / Max.*						ASME B30.5		
		360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft	
ft	1,000 lbs													ft
10		53.5	87.1	50.3	87.0	46.9	86.7	43.0	84.8	39.6	74.6	-	-	10
12		41.5	85.8	40.3	84.4	38.4	81.2	35.7	78.4	33.3	72.8	-	-	12
14		32.2	79.6	33.3	77.8	32.3	74.8	30.3	72.4	28.5	69.4	26.6	62.7	14
16		25.1	72.3	27.4	72.1	27.5	69.2	26.1	66.8	24.7	64.9	23.1	58.8	16
18		20.6	64.2	22.8	64.9	23.7	63.5	23.0	62.1	21.9	61.2	20.6	55.8	18
20		16.8	56.2	18.8	57.5	20.1	57.7	20.1	57.3	19.3	57.0	18.2	53.1	20
24		-	-	13.8	46.5	15.1	47.6	15.3	47.5	15.4	47.2	14.7	46.5	24
28		-	-	10.5	39.2	11.6	39.7	11.9	39.6	12.2	39.4	11.9	38.4	28
32		-	-	8.3	33.3	9.3	33.9	9.5	33.7	9.7	33.5	9.7	32.5	32
36		-	-	-	-	7.6	29.0	7.9	28.8	8.1	28.4	8.0	28.4	36
40		-	-	-	-	6.2	24.7	6.4	24.7	6.7	25.4	6.5	24.6	40
48		-	-	-	-	-	-	4.5	18.7	4.7	18.5	4.7	17.9	48
56		-	-	-	-	-	-	3.3	14.6	3.3	14.2	3.3	14.4	56
64		-	-	-	-	-	-	-	-	2.4	11.7	2.2	11.6	64
72		-	-	-	-	-	-	-	-	-	9.3	-	9.5	72
80		-	-	-	-	-	-	-	-	-	-	-	7.7	80
1)		10.4	30.9	6.2	22.5	4.2	17.6	2.6	12.8	1.5	9.7	-	7.1	1)

		360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft	
ft	1,000 lbs													ft
16		19.9	40.5	-	-	-	-	-	-	-	-	-	-	16
18		19.2	42.0	-	-	-	-	-	-	-	-	-	-	18
20		17.1	40.5	15.6	34.1	-	-	-	-	-	-	-	-	20
24		13.9	37.5	12.8	32.9	11.7	27.1	-	-	-	-	-	-	24
28		11.4	35.8	10.4	30.8	9.5	26.4	9.2	21.7	-	-	-	-	28
32		9.4	31.2	8.7	27.2	7.8	25.4	7.6	21.2	6.7	17.9	-	-	32
36		7.9	26.7	7.3	24.3	6.5	22.3	6.3	20.2	5.4	17.6	4.2	13.3	36
40		6.4	22.4	6.0	22.0	5.4	20.6	5.1	19.1	4.2	17.2	2.9	13.2	40
48		4.4	18.1	4.2	17.0	3.6	16.2	3.3	15.3	2.3	14.3	-	12.5	48
56		3.1	13.9	2.7	13.7	2.2	13.3	-	12.0	-	11.7	-	10.6	56
64		2.0	11.2	-	11.0	-	10.5	-	10.4	-	9.5	-	8.2	64
72		-	9.3	-	8.9	-	8.4	-	8.2	-	7.3	-	6.2	72
80		-	7.7	-	7.1	-	6.6	-	6.6	-	6.0	-	4.9	80
88		-	6.3	-	5.9	-	5.4	-	5.3	-	4.7	-	3.8	88
96		-	5.2	-	4.7	-	4.3	-	4.2	-	3.6	-	2.8	96
104		-	-	-	3.8	-	3.4	-	3.4	-	2.7	-	1.9	104
112		-	-	-	-	-	-	-	2.6	-	2.2	-	-	112
120		-	-	-	-	-	-	-	2.1	-	-	-	-	120
1)		-	5.3	-	3.7	-	2.4	-	1.5	-	-	-	-	1)

1) Capacities with horizontal boom

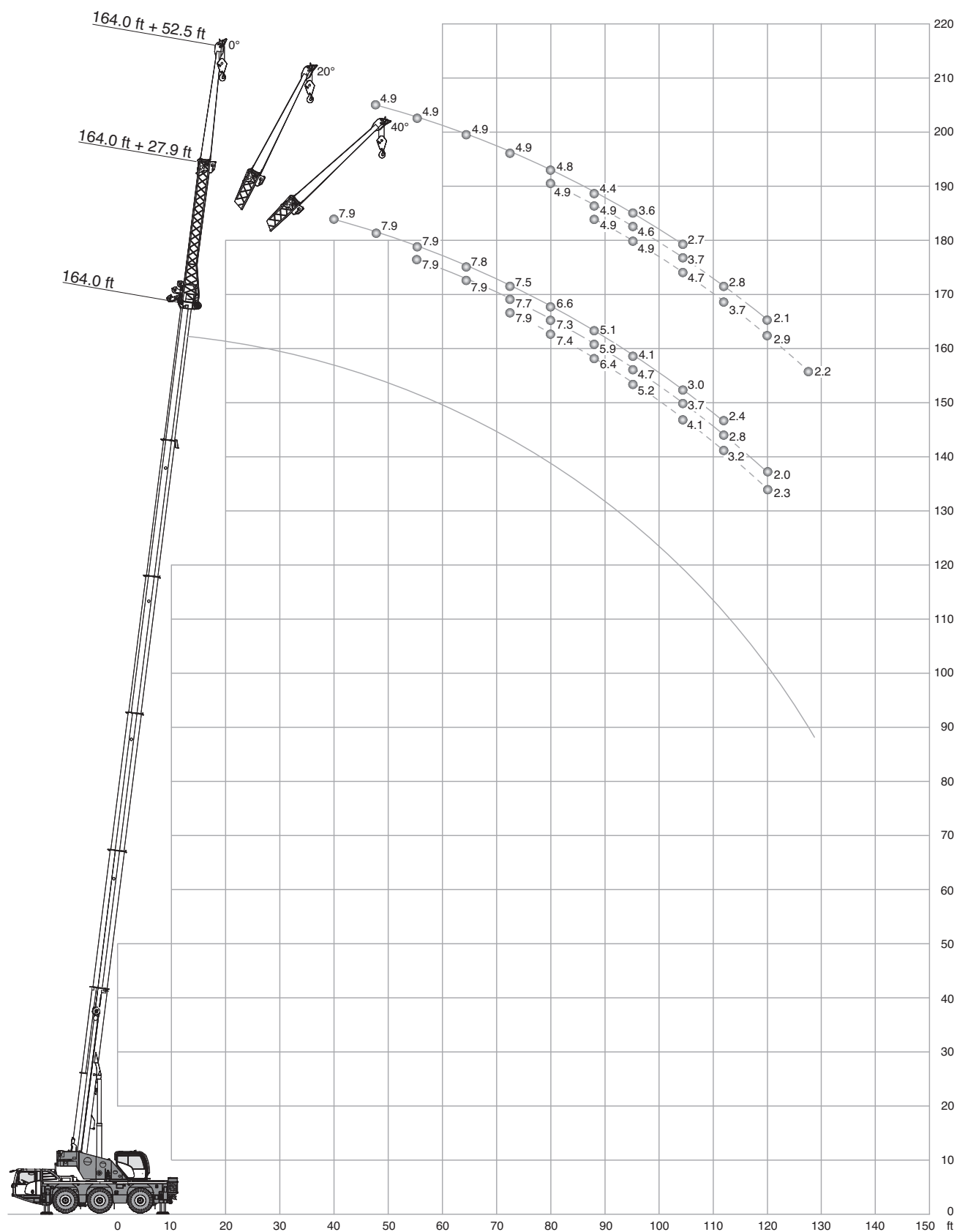
* Max. values are valid only for specific superstructure positions

 7,100 lbs		 22.6 ft x 9.8 ft					360° / Max.*				ASME B30.5			
	 360° 34.1ft	Max. 34.1ft	360° 45.6ft	Max. 45.6ft	360° 57.1ft	Max. 57.1ft	360° 68.6ft	Max. 68.6ft	360° 80.1ft	Max. 80.1ft	360° 91.5ft	Max. 91.5ft		
ft	1,000 lbs													ft
10	47.8	87.1	45.1	87.0	42.3	86.7	38.7	84.8	35.7	74.6	-	-	10	
12	36.9	85.8	36.1	84.4	34.6	81.2	32.1	78.4	30.1	72.8	-	-	12	
14	28.3	79.6	29.7	77.8	28.8	74.8	27.2	72.4	25.6	69.4	23.7	62.7	14	
16	22.0	70.9	24.4	71.6	24.6	69.2	23.4	66.8	22.2	64.9	20.7	58.8	16	
18	18.1	62.5	20.3	63.8	21.1	62.8	20.6	61.3	19.6	61.2	18.2	55.8	18	
20	14.6	54.7	16.6	56.0	17.9	56.3	17.9	55.7	17.1	56.9	16.1	53.0	20	
24	-	-	12.1	45.2	13.2	46.3	13.6	46.3	13.7	46.1	13.0	44.7	24	
28	-	-	9.1	38.2	10.2	38.7	10.5	38.6	10.7	38.0	10.5	35.1	28	
32	-	-	7.0	32.4	8.1	33.0	8.3	32.8	8.5	31.1	8.5	30.6	32	
36	-	-	-	-	6.5	27.4	6.9	27.2	7.0	26.8	7.0	26.0	36	
40	-	-	-	-	5.1	22.4	5.6	22.5	5.6	23.2	5.6	22.2	40	
48	-	-	-	-	-	-	3.8	17.3	3.8	17.0	3.8	16.8	48	
56	-	-	-	-	-	-	2.5	13.5	2.6	13.4	2.6	13.0	56	
64	-	-	-	-	-	-	-	-	-	10.5	-	10.4	64	
72	-	-	-	-	-	-	-	-	-	8.6	-	8.4	72	
80	-	-	-	-	-	-	-	-	-	-	-	6.8	80	
1)	8.8	30.9	5.1	22.5	3.3	16.3	2.0	11.7	-	8.6	-	6.2	1)	

	 360° 103.0ft	Max. 103.0ft	360° 114.5ft	Max. 114.5ft	360° 126.0ft	Max. 126.0ft	360° 137.5ft	Max. 137.5ft	360° 149.0ft	Max. 149.0ft	360° 164.0ft	Max. 164.0ft		
ft	1,000 lbs													ft
16	17.5	40.5	-	-	-	-	-	-	-	-	-	-	16	
18	17.1	42.0	-	-	-	-	-	-	-	-	-	-	18	
20	15.2	40.5	13.9	34.1	-	-	-	-	-	-	-	-	20	
24	12.2	37.5	11.1	32.9	10.2	27.1	-	-	-	-	-	-	24	
28	9.9	34.0	9.0	29.9	8.2	26.4	7.9	21.7	-	-	-	-	28	
32	8.0	28.1	7.4	26.5	6.7	24.0	6.4	21.2	5.4	17.9	-	-	32	
36	6.8	24.0	6.1	23.1	5.4	21.4	5.2	19.4	4.1	17.6	2.9	13.3	36	
40	5.6	21.4	4.9	19.9	4.3	19.2	4.0	17.9	3.0	17.0	-	13.2	40	
48	3.6	16.4	3.2	15.9	2.5	14.9	-	13.9	-	13.3	-	12.0	48	
56	2.4	12.9	-	12.4	-	11.7	-	11.3	-	10.3	-	9.2	56	
64	-	10.2	-	9.6	-	9.1	-	9.0	-	8.0	-	6.8	64	
72	-	8.2	-	7.8	-	7.3	-	7.1	-	6.2	-	5.1	72	
80	-	6.6	-	6.2	-	5.6	-	5.6	-	4.9	-	3.8	80	
88	-	5.4	-	4.9	-	4.5	-	4.5	-	3.6	-	2.7	88	
96	-	4.4	-	4.0	-	3.6	-	3.5	-	2.7	-	1.8	96	
104	-	-	-	3.2	-	2.7	-	2.7	-	2.1	-	-	104	
112	-	-	-	-	-	-	-	2.0	-	-	-	-	112	
1)	-	4.6	-	3.1	-	1.8	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions



Operation

HAV

26,700 lbs				22.6 ft x 21.3 ft				360°				ASME B30.5			
164.0 ft								149.0 ft							
		27.9 ft			52.5 ft					27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs						ft		1,000 lbs					
40		7.9	-	-	-	-	-	40		10.6	-	-	6.4	-	-
48		7.9	-	-	4.9	-	-	48		10.6	-	-	6.4	-	-
56		7.9	7.9	-	4.9	-	-	56		10.6	10.6	-	6.4	-	-
64		7.8	7.9	-	4.9	-	-	64		10.4	10.4	10.2	6.4	-	-
72		7.5	7.7	7.9	4.9	-	-	72		8.9	9.7	9.5	6.4	6.4	-
80		6.6	7.3	7.4	4.8	4.9	-	80		7.1	7.9	8.6	6.1	6.1	5.5
88		5.1	5.9	6.4	4.4	4.9	4.9	88		6.2	6.4	7.0	5.3	5.9	5.3
96		4.1	4.7	5.2	3.6	4.6	4.9	96		5.0	5.4	5.7	4.5	5.2	5.2
104		3.0	3.7	4.1	2.7	3.7	4.7	104		3.9	4.3	4.8	3.6	4.5	5.1
112		2.4	2.8	3.2	-	2.8	3.7	112		3.0	3.5	3.7	2.8	3.7	4.1
120		-	2.0	2.3	-	2.1	2.9	120		2.2	2.7	2.9	2.2	3.0	3.6
128		-	-	-	-	-	2.2	128		-	2.0	2.1	-	2.3	2.8
								136		-	-	-	-	-	2.1

137.5 ft								126.0 ft							
		27.9 ft			52.5 ft					27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs						ft		1,000 lbs					
36		13.0	-	-	-	-	-	32		16.1	-	-	9.3	-	-
40		13.0	-	-	7.9	-	-	36		16.1	-	-	9.3	-	-
48		13.0	13.0	-	7.9	-	-	40		16.1	-	-	9.2	-	-
56		12.8	12.7	12.5	7.8	-	-	48		15.8	15.7	-	9.0	-	-
64		11.1	11.5	11.3	7.7	6.9	-	56		13.9	13.9	13.3	8.9	7.6	-
72		9.5	9.7	10.2	7.7	6.6	-	64		11.3	12.1	12.2	8.8	7.2	-
80		7.9	8.3	8.3	7.0	6.4	5.5	72		9.7	9.8	10.4	8.4	6.8	5.7
88		6.3	6.8	7.3	6.2	6.1	5.4	80		8.1	8.6	8.6	7.5	6.6	5.7
96		5.1	5.5	5.9	5.0	5.8	5.3	88		6.8	7.2	7.5	6.7	6.3	5.5
104		4.5	4.5	4.8	4.1	5.0	5.1	96		5.6	6.1	6.2	5.6	5.8	5.4
112		3.5	3.9	3.9	3.5	3.9	4.6	104		4.5	5.0	5.2	4.7	5.1	5.3
120		2.7	3.1	3.3	2.9	3.2	3.7	112		3.7	3.9	4.1	3.7	4.6	4.8
128		2.2	2.4	2.5	2.2	2.6	2.9	120		2.9	3.1	3.3	3.0	3.6	4.0
136		-	1.9	-	-	2.1	2.3	128		2.2	2.4	-	2.4	2.9	3.2
144		-	-	-	-	-	1.8	136		1.7	1.9	-	1.9	2.2	2.4
								144		-	-	-	-	1.6	1.8

 26,700 lbs				 22.6 ft x 21.3 ft				360°				ASME B30.5			
 114.5 ft								 34.1 ft							
 		27.9 ft			52.5 ft			 		27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs													
28		20.1	-	-	10.6	-	-	10		29.5	-	-	18.1	-	-
32		20.1	-	-	10.4	-	-	12		29.5	-	-	17.8	-	-
36		19.7	-	-	10.4	-	-	14		29.5	-	-	17.5	-	-
40		19.3	17.8	-	10.3	-	-	16		29.4	21.8	-	17.1	-	-
48		17.4	16.6	14.1	10.1	-	-	18		27.9	21.0	-	16.2	-	-
56		14.5	14.9	13.4	9.8	7.7	-	20		26.2	20.2	-	15.3	-	-
64		11.7	12.3	12.6	9.4	7.3	6.0	24		23.7	18.8	16.0	13.5	-	-
72		10.2	10.2	10.4	8.8	6.8	5.7	28		21.5	17.6	15.3	12.2	9.6	-
80		8.3	8.6	8.7	7.9	6.6	5.7	32		19.6	16.5	14.8	11.0	8.9	-
88		7.3	7.3	7.6	6.8	6.3	5.5	36		18.1	15.8	14.4	10.2	8.4	-
96		6.1	6.3	6.4	5.7	5.8	5.4	40		16.8	15.1	14.1	9.4	7.9	6.8
104		5.0	5.2	5.4	5.1	5.4	5.3	48		14.9	-	-	8.1	7.1	6.3
112		4.1	4.4	-	4.1	4.6	4.8	56		-	-	-	7.1	6.4	5.8
120		3.3	3.6	-	3.4	4.0	4.2	64		-	-	-	6.5	5.8	5.6
128		2.6	-	-	2.9	3.2	3.4	72		-	-	-	5.7	5.7	-
136		-	-	-	2.3	2.5	2.8								
144		-	-	-	1.8	2.0	-								

Operation

HAV

20,700 lbs								22.6 ft x 21.3 ft		360°								ASME B30.5	
164.0 ft								149.0 ft											
		27.9 ft			52.5 ft					27.9 ft			52.5 ft						
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°				
ft		1,000 lbs																	
40		7.9	-	-	-	-	-	40		10.6	-	-	6.4	-	-				
48		7.9	-	-	4.9	-	-	48		10.6	-	-	6.4	-	-				
56		7.9	7.9	-	4.9	-	-	56		10.6	10.6	-	6.4	-	-				
64		7.8	7.9	-	4.9	-	-	64		9.1	9.9	10.2	6.4	-	-				
72		6.4	7.3	7.9	4.9	-	-	72		7.5	8.2	8.9	6.4	6.4	-				
80		4.9	5.7	6.4	4.4	4.9	-	80		6.0	6.8	7.1	5.5	6.0	5.5				
88		3.6	4.4	5.1	3.2	4.5	4.9	88		4.7	5.4	5.9	4.3	5.2	5.3				
96		2.7	3.3	3.9	2.2	3.4	4.4	96		3.6	4.3	4.7	3.3	4.3	4.9				
104		1.9	2.3	3.0	-	2.5	3.4	104		2.7	3.2	3.7	2.5	3.4	4.3				
112		-	-	-	-	-	2.6	112		-	2.4	2.6	-	2.6	3.3				
								120		-	-	-	-	1.9	2.5				
								128		-	-	-	-	-	1.9				

137.5 ft								126.0 ft							
		27.9 ft			52.5 ft					27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs													
36		13.0	-	-	-	-	-	32		16.1	-	-	9.3	-	-
40		13.0	-	-	7.9	-	-	36		16.1	-	-	9.3	-	-
48		13.0	13.0	-	7.9	-	-	40		16.1	-	-	9.2	-	-
56		11.9	12.4	12.5	7.8	-	-	48		15.2	15.6	-	9.0	-	-
64		10.0	10.6	11.0	7.7	6.9	-	56		12.7	13.3	13.3	8.9	7.6	-
72		8.0	8.9	9.3	7.1	6.6	-	64		10.7	11.0	11.2	8.7	7.2	-
80		6.7	7.0	7.7	6.0	6.4	5.5	72		8.8	9.3	9.3	7.7	6.8	5.7
88		5.5	5.9	6.1	5.1	5.8	5.4	80		7.0	7.7	7.9	6.8	6.5	5.7
96		4.3	4.8	5.2	4.1	4.9	5.3	88		5.6	6.2	6.5	5.6	6.1	5.5
104		3.4	3.8	4.1	3.2	4.1	4.5	96		4.5	5.0	5.2	4.5	5.4	5.3
112		2.6	2.8	3.0	2.6	3.3	3.9	104		3.4	3.9	4.1	3.6	4.3	4.9
120		-	2.2	2.3	1.9	2.5	3.1	112		2.6	3.0	3.0	2.8	3.5	3.9
128		-	-	-	-	2.0	2.3	120		2.0	2.2	2.3	2.1	2.7	3.1
								128		-	-	-	-	2.0	2.3

114.5 ft								34.1 ft							
		27.9 ft			52.5 ft					27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs													
28		20.1	-	-	10.6	-	-	10		29.5	-	-	18.1	-	-
32		20.1	-	-	10.4	-	-	12		29.5	-	-	17.8	-	-
36		19.7	-	-	10.4	-	-	14		29.5	-	-	17.5	-	-
40		19.1	17.8	-	10.3	-	-	16		29.4	21.8	-	17.1	-	-
48		16.0	16.4	14.1	10.1	-	-	18		27.9	21.0	-	16.2	-	-
56		12.9	13.6	13.3	9.8	7.7	-	20		26.2	20.2	-	15.3	-	-
64		10.8	11.0	11.4	9.4	7.3	6.0	24		23.7	18.8	16.0	13.5	-	-
72		9.3	9.3	9.3	8.2	6.8	5.7	28		21.5	17.6	15.3	12.2	9.6	-
80		7.5	7.9	8.0	7.1	6.6	5.7	32		19.6	16.5	14.8	11.0	8.9	-
88		6.0	6.6	6.8	6.2	6.1	5.5	36		18.1	15.8	14.4	10.2	8.4	-
96		5.0	5.3	5.5	5.0	5.6	5.4	40		16.8	15.1	14.1	9.4	7.9	6.8
104		3.9	4.3	4.3	4.1	4.8	5.1	48		14.9	-	-	8.1	7.1	6.3
112		3.1	3.3	-	3.3	3.9	4.3	56		-	-	-	7.1	6.4	5.8
120		2.5	2.5	-	2.5	3.1	3.3	64		-	-	-	6.5	5.8	5.6
128		1.9	-	-	2.0	2.4	2.6	72		-	-	-	5.7	5.7	-
136		-	-	-	-	1.7	1.9								

10,400 lbs								360°								ASME B30.5							
22.6 ft x 21.3 ft																							
164.0 ft								149.0 ft															
		27.9 ft			52.5 ft					27.9 ft			52.5 ft					27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs						ft		1,000 lbs						ft		1,000 lbs					
40		7.9	-	-	-	-	-	40		10.6	-	-	6.4	-	-	40		10.6	-	-	6.4	-	-
48		7.9	-	-	4.9	-	-	48		10.1	-	-	6.4	-	-	48		10.1	-	-	6.4	-	-
56		7.0	7.7	-	4.9	-	-	56		8.4	9.2	-	6.4	-	-	56		8.4	9.2	-	6.4	-	-
64		5.0	6.2	-	4.4	-	-	64		6.2	7.3	8.2	5.5	-	-	64		6.2	7.3	8.2	5.5	-	-
72		3.6	4.4	5.3	2.9	-	-	72		4.7	5.3	6.2	4.0	5.7	-	72		4.7	5.3	6.2	4.0	5.7	-
80		2.3	3.1	3.8	-	3.4	-	80		3.4	4.0	4.7	2.9	4.2	5.3	80		3.4	4.0	4.7	2.9	4.2	5.3
88		-	2.1	2.7	-	2.3	3.5	88		2.4	2.9	3.6	-	3.2	4.3	88		2.4	2.9	3.6	-	3.2	4.3
96		-	-	-	-	-	2.4	96		-	2.0	2.5	-	2.2	3.2	96		-	2.0	2.5	-	2.2	3.2
								104		-	-	1.6	-	-	2.3	104		-	-	1.6	-	-	2.3

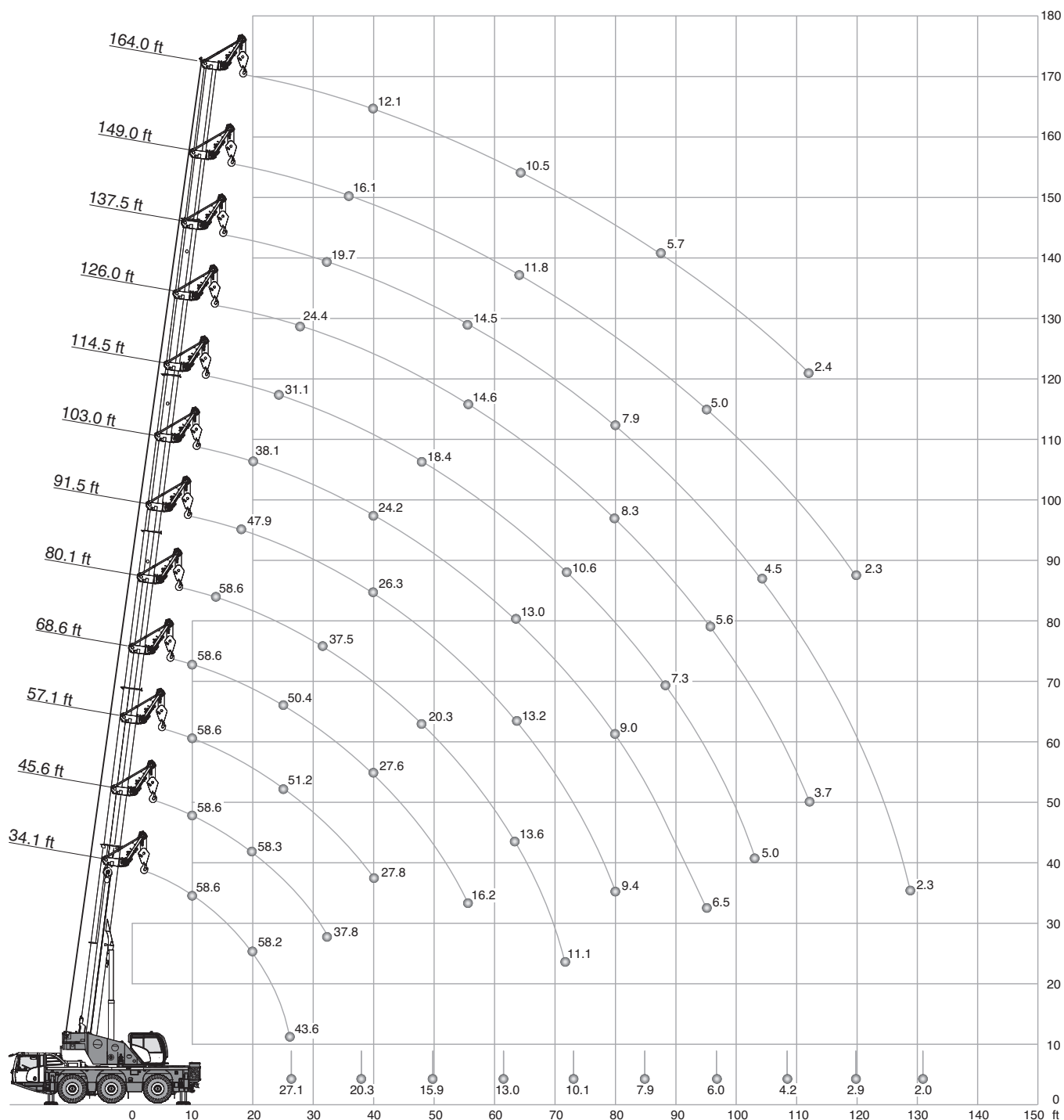
137.5 ft								126.0 ft															
		27.9 ft			52.5 ft					27.9 ft			52.5 ft					27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs						ft		1,000 lbs						ft		1,000 lbs					
36		13.0	-	-	-	-	-	32		16.1	-	-	9.3	-	-	36		16.1	-	-	9.3	-	-
40		12.9	-	-	7.9	-	-	36		15.7	-	-	9.3	-	-	40		15.7	-	-	9.3	-	-
48		11.7	12.2	-	7.9	-	-	40		15.2	14.0	-	9.2	-	-	48		15.2	14.0	-	9.2	-	-
56		9.5	10.2	10.6	7.3	-	-	48		12.9	13.4	11.5	9.0	-	-	56		12.9	13.4	11.5	9.0	-	-
64		7.3	8.2	8.9	6.4	6.9	-	56		10.1	11.0	11.3	8.1	7.6	-	64		10.1	11.0	11.3	8.1	7.6	-
72		5.5	6.2	7.1	5.1	6.4	-	64		7.7	8.6	9.2	7.1	7.2	-	72		7.7	8.6	9.2	7.1	7.2	-
80		4.2	4.9	5.5	3.8	5.1	5.5	72		6.0	6.7	7.3	5.5	6.6	5.7	80		6.0	6.7	7.3	5.5	6.6	5.7
88		3.2	3.7	4.3	2.8	3.8	4.9	80		4.6	5.1	5.7	4.2	5.5	5.5	88		4.6	5.1	5.7	4.2	5.5	5.5
96		2.2	2.8	3.2	2.0	2.9	3.9	88		3.4	4.0	4.4	3.2	4.3	5.1	96		3.4	4.0	4.4	3.2	4.3	5.1
104		-	2.1	2.3	-	2.1	3.0	96		2.4	2.9	3.2	2.4	3.3	4.1	104		2.4	2.9	3.2	2.4	3.3	4.1
112		-	-	-	-	-	2.2	104		1.6	2.1	2.3	-	2.5	3.2	112		1.6	2.1	2.3	-	2.5	3.2
								112		-	-	-	-	-	2.4			-	-	-	-	-	2.4

114.5 ft								34.1 ft															
		27.9 ft			52.5 ft					27.9 ft			52.5 ft					27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs						ft		1,000 lbs						ft		1,000 lbs					
28		20.1	-	-	10.6	-	-	10		29.5	-	-	18.1	-	-	12		29.5	-	-	17.8	-	-
32		20.1	-	-	10.4	-	-	12		29.5	-	-	17.8	-	-	14		29.5	-	-	17.5	-	-
36		18.0	-	-	10.4	-	-	14		29.5	-	-	17.5	-	-	16		29.4	21.8	-	17.1	-	-
40		16.9	17.3	-	10.3	-	-	16		29.4	21.8	-	17.1	-	-	18		27.9	21.0	-	16.2	-	-
48		13.5	14.0	13.8	10.0	-	-	18		27.9	21.0	-	16.2	-	-	20		26.2	20.2	-	15.3	-	-
56		10.9	11.4	11.7	9.1	7.7	-	20		26.2	20.2	-	15.3	-	-	24		23.7	18.8	16.0	13.5	-	-
64		8.4	9.3	9.5	7.9	7.3	6.0	24		23.7	18.8	16.0	13.5	-	-	28		21.5	17.6	15.3	12.2	9.6	-
72		6.4	7.3	7.8	6.4	6.8	5.7	28		21.5	17.6	15.3	12.2	9.6	-	32		19.6	16.5	14.8	11.0	8.9	-
80		5.1	5.5	6.0	4.9	6.2	5.7	32		19.6	16.5	14.8	11.0	8.9	-	36		18.1	15.8	14.4	10.2	8.4	-
88		3.8	4.3	4.7	3.9	4.9	5.3	36		18.1	15.8	14.4	10.2	8.4	-	40		16.8	15.1	14.1	9.4	7.9	6.8
96		2.9	3.3	3.6	3.1	3.9	4.5	40		16.8	15.1	14.1	9.4	7.9	6.8	48		14.5	-	-	8.1	7.1	6.3
104		2.1	2.3	2.6	2.3	3.0	3.4	48		14.5	-	-	8.1	7.1	6.3	56		-	-	-	7.1	6.4	5.8
112		-	-	-	-	2.2	2.6	56		-	-	-	7.1	6.4	5.8	64		-	-	-	6.5	5.8	5.6
								64		-	-	-	6.5	5.8	5.6	72		-	-	-	5.7	5.7	-
								72		-	-	-	5.7	5.7	-								

7,100 lbs								22.6 ft x 21.3 ft		360°								ASME B30.5	
164.0 ft								149.0 ft											
		27.9 ft			52.5 ft							27.9 ft			52.5 ft				
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°				
ft		1,000 lbs																	
40		7.9	-	-	-	-	-	40		10.6	-	-	6.4	-	-				
48		7.6	-	-	4.9	-	-	48		9.5	-	-	6.4	-	-				
56		5.9	7.0	-	4.6	-	-	56		7.2	8.4	-	5.8	-	-				
64		3.9	5.0	-	3.4	-	-	64		5.2	6.2	7.0	4.6	-	-				
72		2.5	3.6	4.2	2.0	-	-	72		3.6	4.4	5.3	3.1	4.7	-				
80		-	2.3	2.9	-	2.5	-	80		2.5	3.1	3.8	-	3.4	4.7				
88		-	-	-	-	-	2.7	88		-	2.2	2.7	-	2.4	3.5				
								96		-	-	1.8	-	-	2.4				

137.5 ft								126.0 ft									
		27.9 ft			52.5 ft							27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°		
ft		1,000 lbs															
36		13.0	-	-	-	-	-	32		16.1	-	-	9.3	-	-		
40		12.8	-	-	7.9	-	-	36		15.0	-	-	9.3	-	-		
48		10.6	11.7	-	7.7	-	-	40		14.3	14.0	-	9.2	-	-		
56		8.2	9.4	9.8	6.7	-	-	48		11.7	12.5	11.5	8.7	-	-		
64		6.1	7.0	7.9	5.6	6.7	-	56		8.7	9.8	10.3	7.6	7.6	-		
72		4.4	5.3	6.0	4.0	5.5	-	64		6.6	7.5	8.4	6.1	6.9	-		
80		3.4	4.0	4.6	2.9	4.2	5.3	72		4.9	5.8	6.4	4.7	6.0	5.7		
88		2.4	2.9	3.4	1.9	3.2	4.2	80		3.8	4.4	4.9	3.4	4.6	5.4		
96		-	2.0	2.4	-	2.2	3.1	88		2.7	3.2	3.6	2.4	3.5	4.5		
104		-	-	1.6	-	-	2.3	96		1.8	2.2	2.5	-	2.5	3.4		
								104		-	-	1.6	-	1.8	2.5		

114.5 ft								34.1 ft									
		27.9 ft			52.5 ft							27.9 ft			52.5 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°		
ft		1,000 lbs															
28		20.1	-	-	10.6	-	-	10		29.5	-	-	18.1	-	-		
32		19.2	-	-	10.4	-	-	12		29.5	-	-	17.8	-	-		
36		17.0	-	-	10.4	-	-	14		29.5	-	-	17.5	-	-		
40		15.6	16.3	-	10.3	-	-	16		29.4	21.8	-	17.1	-	-		
48		12.6	13.1	13.4	9.6	-	-	18		27.9	21.0	-	16.2	-	-		
56		9.6	10.6	10.8	8.5	7.7	-	20		26.2	20.2	-	15.3	-	-		
64		7.4	8.2	8.9	7.0	7.2	6.0	24		23.7	18.8	16.0	13.5	-	-		
72		5.6	6.4	6.9	5.3	6.6	5.7	28		21.5	17.6	15.3	12.2	9.6	-		
80		4.2	4.9	5.3	4.1	5.3	5.6	32		19.6	16.5	14.8	11.0	8.9	-		
88		3.2	3.6	4.0	3.2	4.0	5.1	36		18.1	15.8	14.4	10.2	8.4	-		
96		2.2	2.7	2.9	2.4	3.1	3.9	40		16.7	15.1	14.1	9.4	7.9	6.8		
104		-	1.9	2.1	1.6	2.3	3.0	48		13.6	-	-	8.1	7.1	6.3		
								56		-	-	-	7.1	6.4	5.8		
								64		-	-	-	6.5	5.8	5.6		
								72		-	-	-	5.7	5.7	-		



 26,700 lbs		 22.6 ft x 21.3 ft		360°		ASME B30.5							
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs												ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14
16	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16
18	58.6	58.6	58.6	58.1	57.3	47.9	-	-	-	-	-	-	18
20	58.2	58.3	58.1	57.0	55.2	47.0	38.1	-	-	-	-	-	20
24	51.9	52.8	51.2	50.4	48.6	44.4	35.0	31.1	-	-	-	-	24
28	43.6	44.5	44.5	44.1	42.8	41.1	31.4	29.6	24.4	-	-	-	28
32	-	37.8	37.8	37.4	37.5	36.4	28.4	27.0	23.8	19.7	-	-	32
36	-	32.0	32.1	31.7	32.5	31.2	25.8	24.6	22.4	19.3	16.1	-	36
40	-	-	27.8	27.6	27.2	26.3	24.2	22.4	20.9	18.8	15.8	12.1	40
48	-	-	20.9	20.9	20.3	20.0	20.2	18.4	17.8	17.1	15.2	11.5	48
56	-	-	-	16.2	16.6	16.4	15.5	15.4	14.6	14.5	14.2	11.0	56
64	-	-	-	-	13.6	13.2	13.0	12.5	12.4	12.0	11.8	10.5	64
72	-	-	-	-	11.1	11.3	10.9	10.6	10.0	9.8	9.3	8.9	72
80	-	-	-	-	-	9.4	9.0	8.8	8.3	7.9	7.9	7.1	80
88	-	-	-	-	-	-	7.7	7.3	6.8	6.7	6.3	5.7	88
96	-	-	-	-	-	-	6.5	6.1	5.6	5.6	5.0	4.4	96
104	-	-	-	-	-	-	-	5.0	4.5	4.5	3.9	3.4	104
112	-	-	-	-	-	-	-	-	3.7	3.7	3.0	2.4	112
120	-	-	-	-	-	-	-	-	-	2.9	2.3	-	120
128	-	-	-	-	-	-	-	-	-	2.3	-	-	128
1)	27.1	20.3	15.9	13.0	10.1	7.9	6.0	4.2	2.9	2.0	-	-	1)

 20,700 lbs		 22.6 ft x 21.3 ft		360°		ASME B30.5							
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs												ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14
16	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16
18	58.6	58.6	58.6	58.1	57.3	47.9	-	-	-	-	-	-	18
20	58.1	58.1	58.1	57.0	55.2	47.0	38.1	-	-	-	-	-	20
24	50.1	50.9	50.5	49.8	47.7	44.2	35.0	31.1	-	-	-	-	24
28	41.0	42.0	42.1	41.6	39.8	38.7	31.4	29.6	24.4	-	-	-	28
32	-	34.1	34.1	34.5	34.4	32.4	28.4	27.0	23.8	19.7	-	-	32
36	-	28.4	28.9	29.5	29.0	27.7	25.7	24.3	22.4	19.3	16.1	-	36
40	-	-	24.6	24.6	24.2	23.3	23.9	21.6	20.8	18.8	15.8	12.1	40
48	-	-	18.4	18.4	18.6	18.4	17.7	17.3	16.6	16.2	15.0	11.5	48
56	-	-	-	14.9	14.8	14.3	14.4	13.7	13.7	13.4	12.7	11.0	56
64	-	-	-	-	11.8	11.9	11.6	11.3	11.0	10.5	10.1	9.1	64
72	-	-	-	-	9.9	9.7	9.5	9.1	8.7	8.6	8.2	7.1	72
80	-	-	-	-	-	8.1	7.9	7.3	7.0	7.0	6.4	5.5	80
88	-	-	-	-	-	-	6.4	5.9	5.5	5.5	4.9	4.3	88
96	-	-	-	-	-	-	5.3	4.7	4.4	4.3	3.9	3.2	96
104	-	-	-	-	-	-	-	3.8	3.4	3.4	3.0	2.3	104
112	-	-	-	-	-	-	-	-	2.6	2.6	2.2	-	112
120	-	-	-	-	-	-	-	-	-	2.1	-	-	120
1)	27.1	20.3	15.2	11.7	9.0	6.6	4.9	3.3	2.2	-	-	-	1)

1) Capacities with horizontal boom

 10,400 lbs		 22.6 ft x 21.3 ft						360°						ASME B30.5	
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft			
ft	1,000 lbs												ft		
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10		
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12		
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14		
16	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16		
18	58.4	58.6	57.7	56.5	54.5	47.9	-	-	-	-	-	-	18		
20	57.1	57.7	55.7	53.3	49.2	46.5	38.1	-	-	-	-	-	20		
24	43.7	45.2	44.4	41.7	40.8	37.9	34.5	30.8	-	-	-	-	24		
28	32.8	34.4	34.5	35.1	33.3	30.8	29.2	27.4	24.4	-	-	-	28		
32	-	27.5	28.4	28.2	27.5	26.2	25.4	23.6	22.4	19.7	-	-	32		
36	-	23.0	23.7	23.5	23.0	22.9	21.9	20.9	19.9	18.1	16.1	-	36		
40	-	-	19.6	19.5	20.1	19.4	19.2	18.4	18.0	17.1	15.6	12.1	40		
48	-	-	14.8	15.1	14.8	15.1	14.6	14.4	14.0	13.1	12.3	10.9	48		
56	-	-	-	11.5	11.7	11.5	11.3	10.9	10.6	10.3	9.2	8.1	56		
64	-	-	-	-	9.3	9.0	8.8	8.4	8.0	7.9	7.0	5.7	64		
72	-	-	-	-	7.3	7.1	6.9	6.4	6.0	6.0	5.1	4.0	72		
80	-	-	-	-	-	5.6	5.3	4.9	4.6	4.6	3.8	2.9	80		
88	-	-	-	-	-	-	4.3	3.8	3.4	3.4	2.7	-	88		
96	-	-	-	-	-	-	3.3	2.9	2.4	2.4	1.8	-	96		
104	-	-	-	-	-	-	-	2.1	1.6	-	-	-	104		
1)	27.1	17.2	12.1	8.8	6.6	4.4	3.1	1.5	-	-	-	-	1)		

 7,100 lbs		 22.6 ft x 21.3 ft						360°				ASME B30.5		
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft		
ft	1,000 lbs												ft	
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10	
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12	
14	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	14	
16	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	16	
18	57.9	58.3	56.5	54.6	52.6	46.7	-	-	-	-	-	-	18	
20	55.8	56.7	53.2	49.3	45.7	44.0	38.0	-	-	-	-	-	20	
24	40.4	41.8	41.0	39.6	37.7	34.7	32.7	30.0	-	-	-	-	24	
28	30.2	31.5	32.8	32.4	30.6	28.8	28.0	25.9	23.4	-	-	-	28	
32	-	25.4	26.1	25.9	25.2	25.0	23.8	22.6	21.7	19.2	-	-	32	
36	-	21.0	21.7	21.5	21.6	21.4	20.6	19.7	19.0	17.2	15.3	-	36	
40	-	-	17.9	18.6	18.3	18.1	18.1	17.5	16.6	15.4	14.0	12.0	40	
48	-	-	13.4	13.8	13.9	13.6	13.6	13.1	12.5	12.1	11.0	9.5	48	
56	-	-	-	10.5	10.7	10.5	10.3	9.8	9.4	9.0	8.0	6.7	56	
64	-	-	-	-	8.4	8.0	7.9	7.5	7.0	6.8	5.9	4.7	64	
72	-	-	-	-	6.4	6.2	6.0	5.6	5.1	5.1	4.2	3.1	72	
80	-	-	-	-	-	4.9	4.7	4.2	3.8	3.8	2.9	-	80	
88	-	-	-	-	-	-	3.6	3.2	2.7	2.7	1.9	-	88	
96	-	-	-	-	-	-	2.7	2.2	1.8	-	-	-	96	
1)	24.9	15.7	11.0	7.7	5.7	3.7	2.4	-	-	-	-	-	1)	

1) Capacities with horizontal boom

Operation

MS

 26,700 lbs		 22.6 ft x 14.8 ft		360°		ASME B30.5							
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs												ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12
14	58.6	58.6	58.6	58.6	58.3	-	-	-	-	-	-	-	14
16	58.6	58.6	58.6	56.6	53.0	-	-	-	-	-	-	-	16
18	53.4	54.0	53.7	50.6	46.5	44.4	-	-	-	-	-	-	18
20	46.8	48.1	47.5	44.2	42.8	39.5	36.7	-	-	-	-	-	20
24	34.2	35.3	36.4	36.4	34.6	32.6	30.8	28.4	-	-	-	-	24
28	26.3	27.8	28.4	28.3	27.8	27.3	26.2	24.9	22.7	-	-	-	28
32	-	22.4	22.8	22.9	23.1	22.8	22.4	21.7	20.8	18.8	-	-	32
36	-	18.7	19.3	19.8	19.6	19.4	19.4	19.0	18.4	17.1	15.3	-	36
40	-	-	16.4	16.6	16.8	16.6	16.4	16.2	15.8	15.4	14.1	12.0	40
48	-	-	12.4	12.6	12.6	12.5	12.4	12.0	11.7	11.7	11.3	10.4	48
56	-	-	-	9.7	9.9	9.7	9.5	9.3	9.0	9.0	8.5	8.0	56
64	-	-	-	-	7.9	7.7	7.6	7.2	7.0	7.0	6.6	5.9	64
72	-	-	-	-	6.4	6.2	6.0	5.8	5.5	5.5	5.1	4.4	72
80	-	-	-	-	-	5.1	4.9	4.7	4.3	4.3	4.0	3.1	80
88	-	-	-	-	-	-	4.0	3.7	3.5	3.5	3.0	2.2	88
96	-	-	-	-	-	-	3.3	3.0	2.7	2.7	2.2	-	96
104	-	-	-	-	-	-	-	2.3	1.9	1.9	-	-	104
1)	22.0	14.3	10.1	7.5	5.7	4.2	3.1	1.8	-	-	-	-	1)

 20,700 lbs		 22.6 ft x 14.8 ft				360°						ASME B30.5		
 		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs													ft
10	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	12
14	58.6	58.6	58.6	57.5	54.6	-	-	-	-	-	-	-	-	14
16	58.6	58.5	55.2	51.3	48.3	-	-	-	-	-	-	-	-	16
18	50.6	51.1	48.5	44.8	43.0	39.5	-	-	-	-	-	-	-	18
20	41.1	42.4	41.9	40.7	37.7	35.4	33.4	-	-	-	-	-	-	20
24	29.9	31.6	32.0	32.0	30.4	29.5	28.0	26.2	-	-	-	-	-	24
28	22.9	24.3	24.9	24.7	25.2	24.6	23.6	22.8	21.3	-	-	-	-	28
32	-	19.6	20.0	20.5	20.5	20.4	20.3	19.6	18.5	17.1	-	-	-	32
36	-	16.3	17.0	17.3	17.5	17.3	17.2	16.7	15.9	15.1	13.8	-	-	36
40	-	-	14.2	14.5	14.7	14.5	14.2	14.0	13.6	13.4	12.3	11.2	40	
48	-	-	10.5	10.8	10.9	10.8	10.5	10.3	10.0	10.0	9.4	8.4	48	
56	-	-	-	8.3	8.3	8.3	8.1	7.8	7.4	7.4	7.1	6.1	56	
64	-	-	-	-	6.5	6.5	6.3	6.1	5.6	5.6	5.2	4.3	64	
72	-	-	-	-	5.3	5.1	4.9	4.7	4.4	4.4	3.8	2.9	72	
80	-	-	-	-	-	4.1	4.0	3.6	3.4	3.4	2.7	-	80	
88	-	-	-	-	-	-	3.1	2.8	2.4	2.4	-	-	88	
96	-	-	-	-	-	-	2.4	2.0	-	-	-	-	96	
1)	19.2	12.1	8.6	6.2	4.6	3.3	2.2	-	-	-	-	-	1)	

1) Capacities with horizontal boom

 10,400 lbs		 22.6 ft x 14.8 ft		360°		ASME B30.5							
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs												ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	10
12	58.6	58.6	57.9	56.1	-	-	-	-	-	-	-	-	12
14	57.7	55.5	52.0	48.2	44.4	-	-	-	-	-	-	-	14
16	48.9	47.4	44.3	41.5	38.0	-	-	-	-	-	-	-	16
18	39.5	39.8	39.0	36.2	33.7	32.1	-	-	-	-	-	-	18
20	31.6	33.6	33.7	31.5	30.6	28.7	26.9	-	-	-	-	-	20
24	22.6	24.3	24.9	25.6	24.5	23.5	22.3	20.8	-	-	-	-	24
28	17.0	18.5	19.5	19.7	19.9	19.3	18.4	17.2	16.1	-	-	-	28
32	-	14.6	15.5	15.7	15.9	15.7	15.4	14.4	13.5	13.1	-	-	32
36	-	12.0	12.8	13.1	13.3	13.1	12.8	12.3	11.5	11.2	10.1	-	36
40	-	-	10.5	10.8	11.0	10.8	10.5	10.3	9.7	9.5	8.4	7.3	40
48	-	-	7.6	7.8	8.0	7.8	7.6	7.3	6.9	6.9	6.0	4.7	48
56	-	-	-	5.8	5.9	5.8	5.7	5.2	5.0	4.8	3.9	2.8	56
64	-	-	-	-	4.5	4.2	4.2	3.8	3.6	3.4	2.5	-	64
72	-	-	-	-	3.3	3.3	3.1	2.9	2.4	2.2	-	-	72
80	-	-	-	-	-	2.5	2.3	-	-	-	-	-	80
1)	13.9	8.8	6.2	4.2	2.9	1.8	-	-	-	-	-	-	1)

 7,100 lbs		 22.6 ft x 14.8 ft						360°				ASME B30.5			
 	34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft			
ft	1,000 lbs												ft		
10	58.6	58.6	58.6	58.2	-	-	-	-	-	-	-	-	10		
12	58.6	58.0	56.3	51.8	-	-	-	-	-	-	-	-	12		
14	55.0	52.1	47.5	44.6	40.5	-	-	-	-	-	-	-	14		
16	44.5	43.1	41.1	37.8	35.3	-	-	-	-	-	-	-	16		
18	35.9	36.4	35.6	33.0	31.5	29.6	-	-	-	-	-	-	18		
20	28.6	30.4	30.6	29.7	27.8	26.5	24.5	-	-	-	-	-	20		
24	20.3	22.0	22.9	23.3	22.6	21.2	20.1	18.7	-	-	-	-	24		
28	15.1	16.6	17.5	17.8	18.0	17.4	16.6	15.5	14.5	-	-	-	28		
32	-	13.0	13.9	14.1	14.3	14.1	13.8	12.8	12.0	11.5	-	-	32		
36	-	10.6	11.5	11.7	11.8	11.6	11.5	10.8	10.1	9.7	8.6	-	36		
40	-	-	9.5	9.7	9.7	9.5	9.5	9.0	8.4	8.2	7.1	6.0	40		
48	-	-	6.7	6.9	6.9	6.8	6.7	6.3	6.1	5.6	4.7	3.5	48		
56	-	-	-	5.0	5.1	5.0	4.8	4.6	4.1	3.7	2.9	-	56		
64	-	-	-	-	3.8	3.6	3.5	3.1	2.7	2.4	-	-	64		
72	-	-	-	-	2.9	2.7	2.4	2.0	1.6	-	-	-	72		
1)	12.3	7.7	5.3	3.5	2.4	-	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

Operation

MS

 18,700 lbs		 22.6 ft x 9.8 ft		360°		ASME B30.5								
		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs													ft
12		54.1	50.1	47.1	43.2	-	-	-	-	-	-	-	-	12
14		43.5	42.5	39.8	37.2	35.1	-	-	-	-	-	-	-	14
16		34.6	36.0	34.3	32.6	31.0	-	-	-	-	-	-	-	16
18		28.8	30.5	30.0	29.1	27.6	26.1	-	-	-	-	-	-	18
20		23.7	25.5	26.3	25.6	24.5	23.2	21.5	-	-	-	-	-	20
24		17.6	19.0	19.9	20.1	19.9	18.9	17.9	16.7	-	-	-	-	24
28		13.5	14.8	15.7	15.9	16.1	15.7	14.9	13.9	13.1	-	-	-	28
32		-	11.8	12.7	12.9	12.9	12.9	12.6	11.7	11.0	10.5	-	-	32
36		-	9.7	10.5	10.7	10.8	10.7	10.6	10.0	9.3	9.0	8.1	-	36
40		-	-	8.6	8.8	9.0	8.8	8.8	8.4	7.8	7.5	6.6	5.5	40
48		-	-	6.3	6.5	6.6	6.3	6.3	5.9	5.7	5.4	4.4	3.3	48
56		-	-	-	4.7	4.9	4.7	4.6	4.3	3.9	3.6	2.7	-	56
64		-	-	-	-	3.6	3.5	3.3	3.1	2.6	2.3	-	-	64
72		-	-	-	-	2.7	2.4	2.4	2.0	-	-	-	-	72
1)		11.2	7.1	5.1	3.3	2.2	-	-	-	-	-	-	-	1)

 10,400 lbs		 22.6 ft x 9.8 ft		360°		ASME B30.5								
		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs													ft
10	54.2	49.9	45.8	39.8	-	-	-	-	-	-	-	-	-	10
12	42.9	40.6	37.7	35.5	-	-	-	-	-	-	-	-	-	12
14	34.3	33.8	32.3	30.2	27.9	-	-	-	-	-	-	-	-	14
16	27.1	28.5	27.5	26.1	24.7	-	-	-	-	-	-	-	-	16
18	22.4	24.0	24.1	23.0	21.9	20.3	-	-	-	-	-	-	-	18
20	18.3	19.8	20.9	20.1	19.3	18.0	16.5	-	-	-	-	-	-	20
24	13.1	14.7	15.5	15.7	15.5	14.5	13.6	12.6	-	-	-	-	-	24
28	9.8	11.3	12.1	12.3	12.4	11.9	11.2	10.3	9.5	-	-	-	-	28
32	-	8.8	9.5	9.7	9.9	9.7	9.4	8.5	7.8	7.4	-	-	-	32
36	-	7.1	7.8	8.0	8.2	8.0	7.9	7.1	6.4	6.0	5.1	-	-	36
40	-	-	6.2	6.4	6.7	6.4	6.4	5.8	5.1	4.7	3.8	-	-	40
48	-	-	4.3	4.5	4.7	4.4	4.4	3.9	3.1	2.9	-	-	-	48
56	-	-	-	3.2	3.3	3.1	2.9	2.4	-	-	-	-	-	56
64	-	-	-	-	2.2	2.0	1.8	-	-	-	-	-	-	64
1)	7.9	4.9	3.3	2.0	-	-	-	-	-	-	-	-	-	1)

 7,100 lbs		 22.6 ft x 9.8 ft		360°		ASME B30.5								
		34.1ft	45.6ft	57.1ft	68.6ft	80.1ft	91.5ft	103.0ft	114.5ft	126.0ft	137.5ft	149.0ft	164.0ft	
ft	1,000 lbs													ft
10		48.7	45.3	41.3	35.6	-	-	-	-	-	-	-	-	10
12		38.5	36.5	34.6	32.0	-	-	-	-	-	-	-	-	12
14		30.7	30.3	29.0	27.2	25.0	-	-	-	-	-	-	-	14
16		24.1	25.6	24.8	23.4	22.0	-	-	-	-	-	-	-	16
18		19.8	21.5	21.6	20.6	19.5	18.2	-	-	-	-	-	-	18
20		16.1	17.7	18.6	18.0	17.1	16.0	14.7	-	-	-	-	-	20
24		11.4	13.0	13.8	14.0	13.6	12.8	12.1	11.1	-	-	-	-	24
28		8.4	9.8	10.5	10.7	10.9	10.4	9.8	8.9	8.1	-	-	-	28
32		-	7.5	8.3	8.5	8.8	8.5	8.0	7.2	6.5	6.2	-	-	32
36		-	6.0	6.8	7.0	7.2	7.0	6.6	5.9	5.2	4.9	3.8	-	36
40		-	-	5.4	5.6	5.8	5.6	5.4	4.7	4.0	3.6	-	-	40
48		-	-	3.6	3.8	3.8	3.8	3.6	2.9	-	-	-	-	48
56		-	-	-	2.4	2.6	2.4	2.2	-	-	-	-	-	56
1)		6.6	4.0	2.6	-	-	-	-	-	-	-	-	-	1)

Notes to Lifting Capacity

Ratings are in compliance with ASME B30.5.

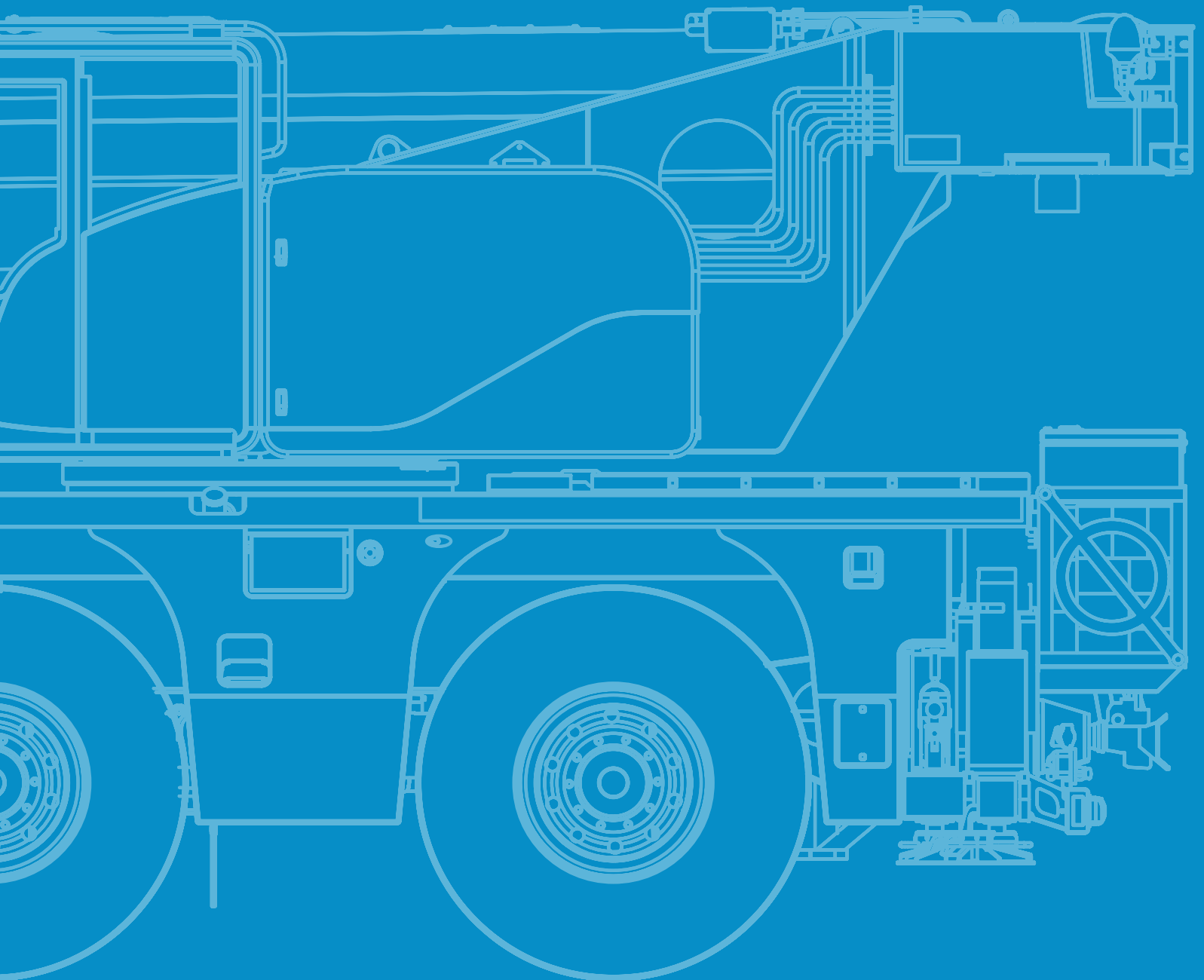
Lifting capacities do not exceed 85 % of tipping load.

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.

Consult operation manual for further details.

Note: Data published herein is intended as a guide only and shall not be construed to warrant applicability for lifting purposes. Crane operation is subject to the computer charts and operation manual both supplied with the crane.

TECHNICAL DESCRIPTION



Technical Description

Basic machine

Equipment carrier

Engine 260-5	Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 ¹ /min (348 HP), torque 1450 Nm / 1200-1600 ¹ /min; The engine complies with EU Stage V/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	103 gallons Diesel (no RME / biodiesel); 11 gallons AdBlue tank.
Transmission G230-12	Mercedes-Benz G230-12; Automated gearbox; 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
Axles 6 x 4 x 6	All 3 axles steered, axles 1 and 3 driven and equipped with selectable transverse lock.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
Steering	Dual circuit hydro servocom steering with emergency steering pump; Active rear axle steering.
Brakes	Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disc brakes; Additional, double-speed decompression brake; Spring-loaded parking brake.
Tires	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7“.
Cab 2550	Type 8.4 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary/passenger seat; Powered door windows; Tinted glass; Electrically adjustable rear-view mirrors, heated; Radio; Seat heating; Heating engine-dependent; Aircondition.
Drive lights	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
Central lubrication	Automatic central lubrication system for the lubricating points at the carrier.
Outriggers	H-4-Point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 3 outrigger bases: 9.8 ft, 14.8 ft and 21.3 ft. 4 round outrigger pads A = 0.66 ft ² with transport position at vertical cylinder.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
Outrigger load indicator	The outrigger load is indicated in the operator cab and the outrigger control box.
Electronic immobiliser system	Prevents uncontrolled carrier mobilisation; Incl. 5 ignition keys.
Pneumatic tire filling plug	For self-filling of the wheels.

Equipment superstructure

Telescopic boom HA50	34.1 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 87,100 lbs.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	Single slewing gear unit with spring-loaded multi-disc brake.
H1	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator).
Counterweight 10,400 lbs	4 pieces (①, ②, ⑥, ⑦); Automatic rigging system.
Control system	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
Operator aids	IC-1, with integrated electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger.
IC-1 Plus incl. Flex Base	Smart crane control system for main boom and runner configuration enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Flexible and independent outrigger positioning possible. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation.
IC-1 Remote	IC-1 Remote, Tadano telematic system.
Working range limiter	Displaying and programmability of the work range limits by IC-1.
Cab 875	Type 2.87 ft; Tilt infinitely variable 16°; Sliding window rear; Fold-out front window; Extendable side pedestal, front pedestal; Handrails; Tinted safety glass; Pull-down sun visor; Radio; Seat heating; Heating engine-independent; Aircondition.
Central lubrication	Automatic central lubrication system for the lubricating points at the superstructure.

Technical Description

Additional equipment

Carrier

Engine 260-3	Mercedes-Benz OM936LA; Diesel engine; 260 kW / 2200 ¹ /min (348 HP), torque 1400 Nm / 1200-1600 ¹ /min; The engine complies with ECE R96 (equivalent to former regulation EU Stage III A / Tier 3); Exhaust system complete stainless steel incl. spark arrester certificate.
Axles 6 x 6 x 6	All 3 axles steered, axles 1 and 3 permanently driven, axle 2 shiftable, all axles equipped with selectable transverse lock.
Wear-free auxiliary brake	Wear-free auxiliary eddy-current brake at 3rd axle.
Tires	6 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).

Superstructure

2. hoist (H2)	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring.
Additional counterweight 16,300 lbs	3 pieces (③-⑤); for total 26,700 lbs, 7 pieces.
Load supervision camera	Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head.

Handling

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

Extensions

HAV 29.5 ft	Lattice swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage.
HAV 52.5 ft	Double folding swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage; Includes HAV 29.5 ft.
MS (runner)	4.9 ft; Variable assembly jib with manual offset; 2-sheaves, for max. 58,700 lbs t lifting capacity.

Hook Blocks

Vario hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 660-1,320 lbs; Adjustable ballast and double hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Vario hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 660-1,320 lbs; Adjustable ballast and single hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Hook block 44,100 lbs, 1-sheave	Max. capacity 43,600 lbs; 660 lbs; Single hook, red with white signal stripes.
Hook 17,600 lbs	Max. capacity 14,500 lbs; 375 lbs; Single hook, red.

Further additional equipment on request!

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

Notes

Notes

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

Tadano Ltd.

Kanda Square 18th Floor, 2-2-1 Kanda-Nishikicho, Chiyoda-ku, Tokyo 101-0054, Japan
Phone: +81-3-6811-7309 (International Division)

Tadano America Corporation

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



Reaching new heights

