TADANO

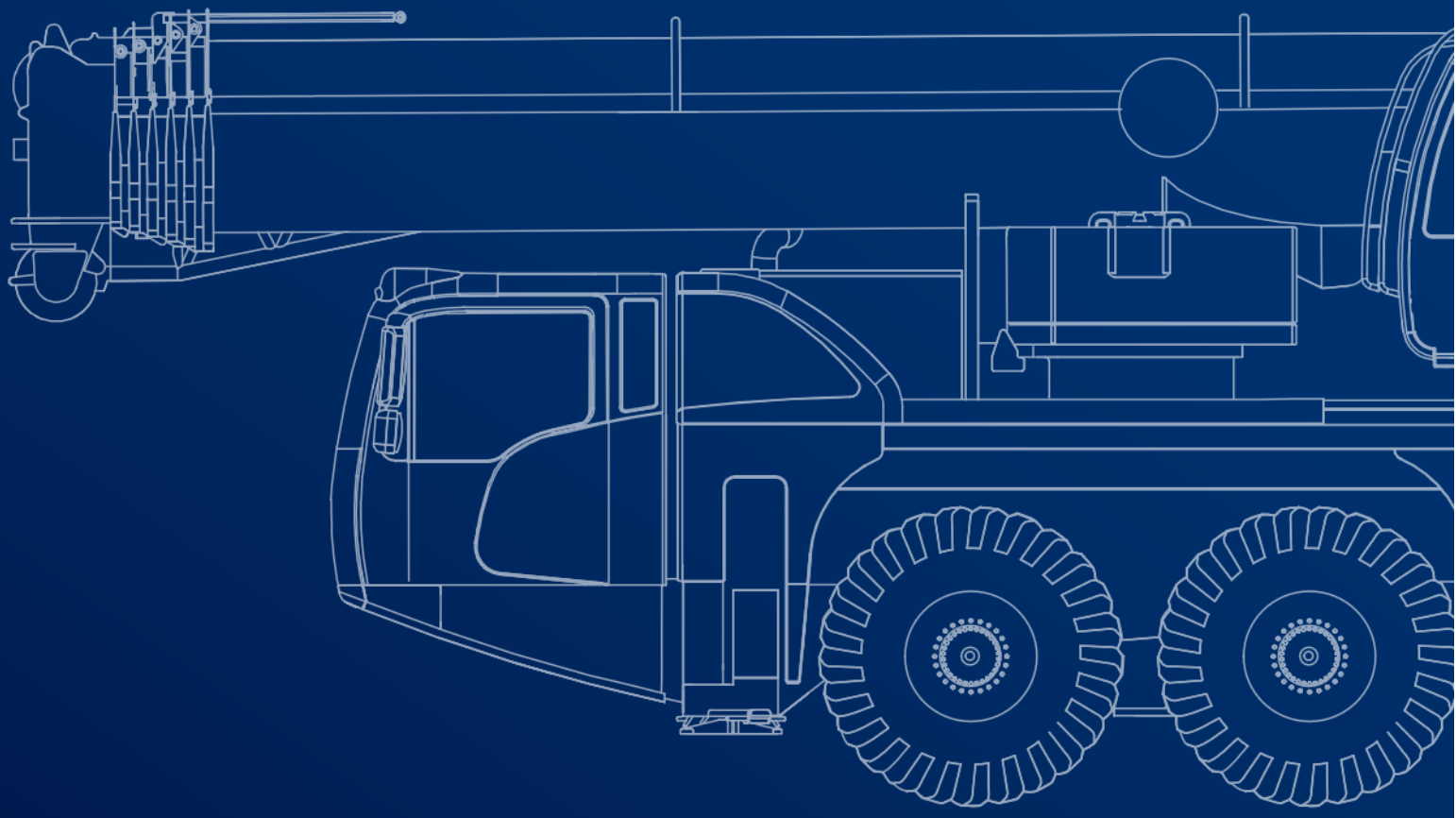
TECHNICAL DATA | IMPERIAL

AC 4.080-1

88 US TON MAX. CRANE CAPACITY

TADANO GREEN SOLUTIONS

- e-PACK
- Suitable for alternative fuels



TADANO

December 2025. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings in this brochure are for illustrative purposes only. For correct and safe crane operation, the original operating manual and lifting capacity charts are essential. Failure to follow the corresponding Operator's Manual when using our equipment or failure to otherwise act responsibly may result in property damage, serious injury or death. The sole warranty applicable with respect to our equipment is the standard warranty as per general terms and conditions of sales and service (ask your local Tadano dealer for details), and Tadano makes no other warranty, express or implied. All rights reserved. Any use of the trademarks, logos, brand names and model names used herein is prohibited.

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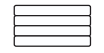
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Key


Counterweight


Lifting capacities on outriggers · 360°

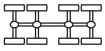

Radius


Main boom


Folding swing-away jib


Runner


Max. axle loads


Mechanism

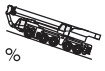

Tires


Hook block



Hoist


Travel speed



Gradeability


Off road / On road


Boom telescoping


Boom elevation


Dolly


Working speeds


Slewing



Max. line pull


Rope diameter


Rope length


Hook block


Number of lines



Possible load of hook block



Weight of hook block


Distance head sheave axle – hook ground


Number of sheaves in hook block

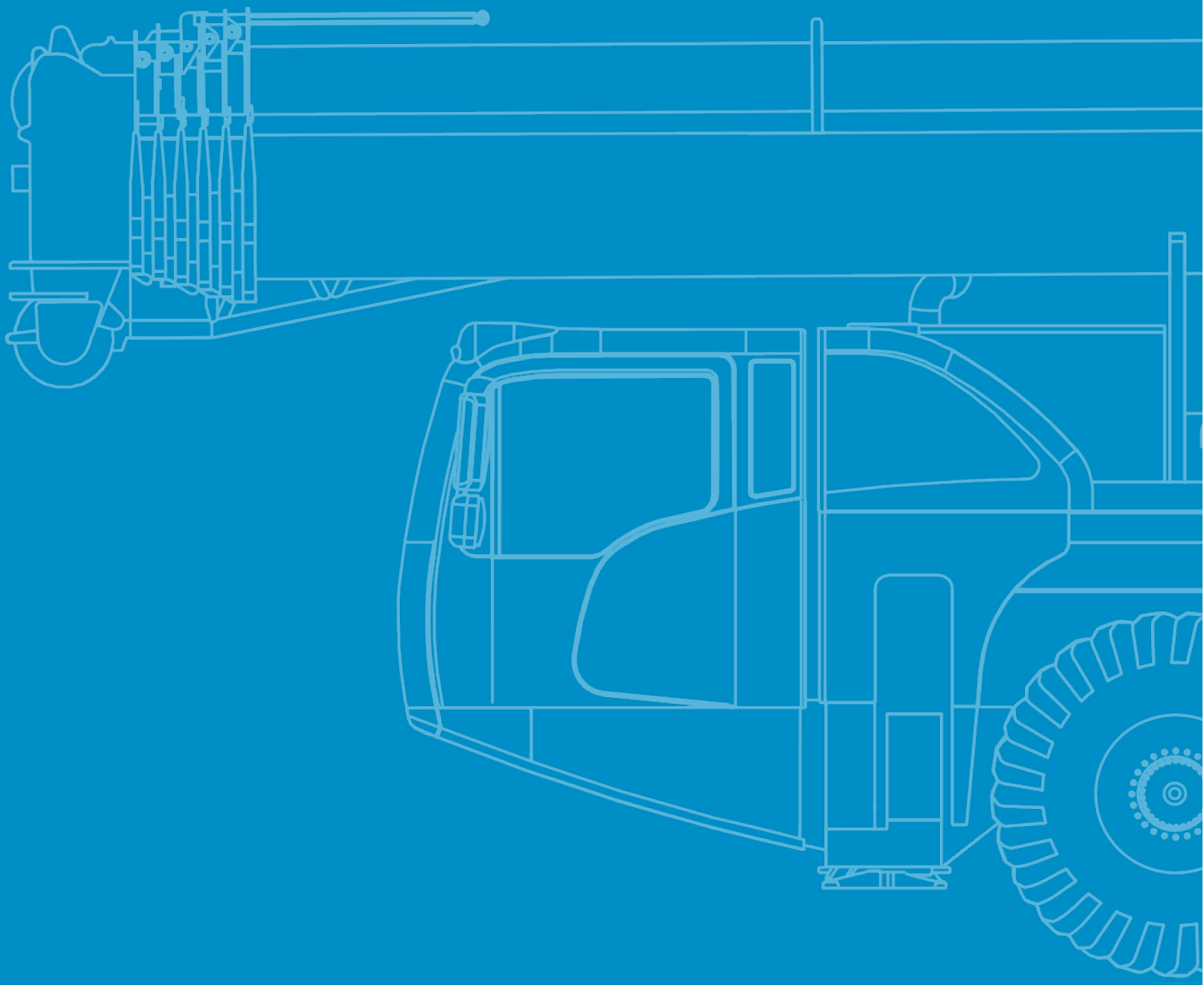


Max. outrigger load


Length of stroke (support cylinders)

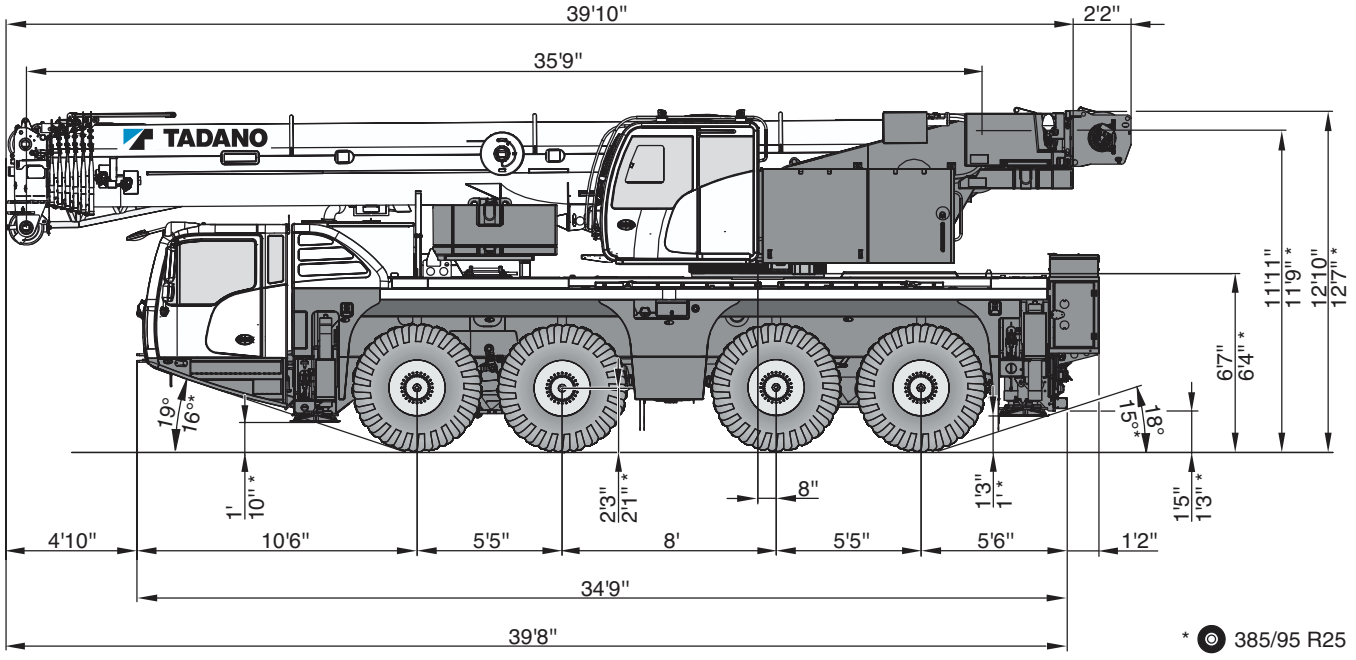

Payload incl. rear storage box

GENERAL TECHNICAL DATA

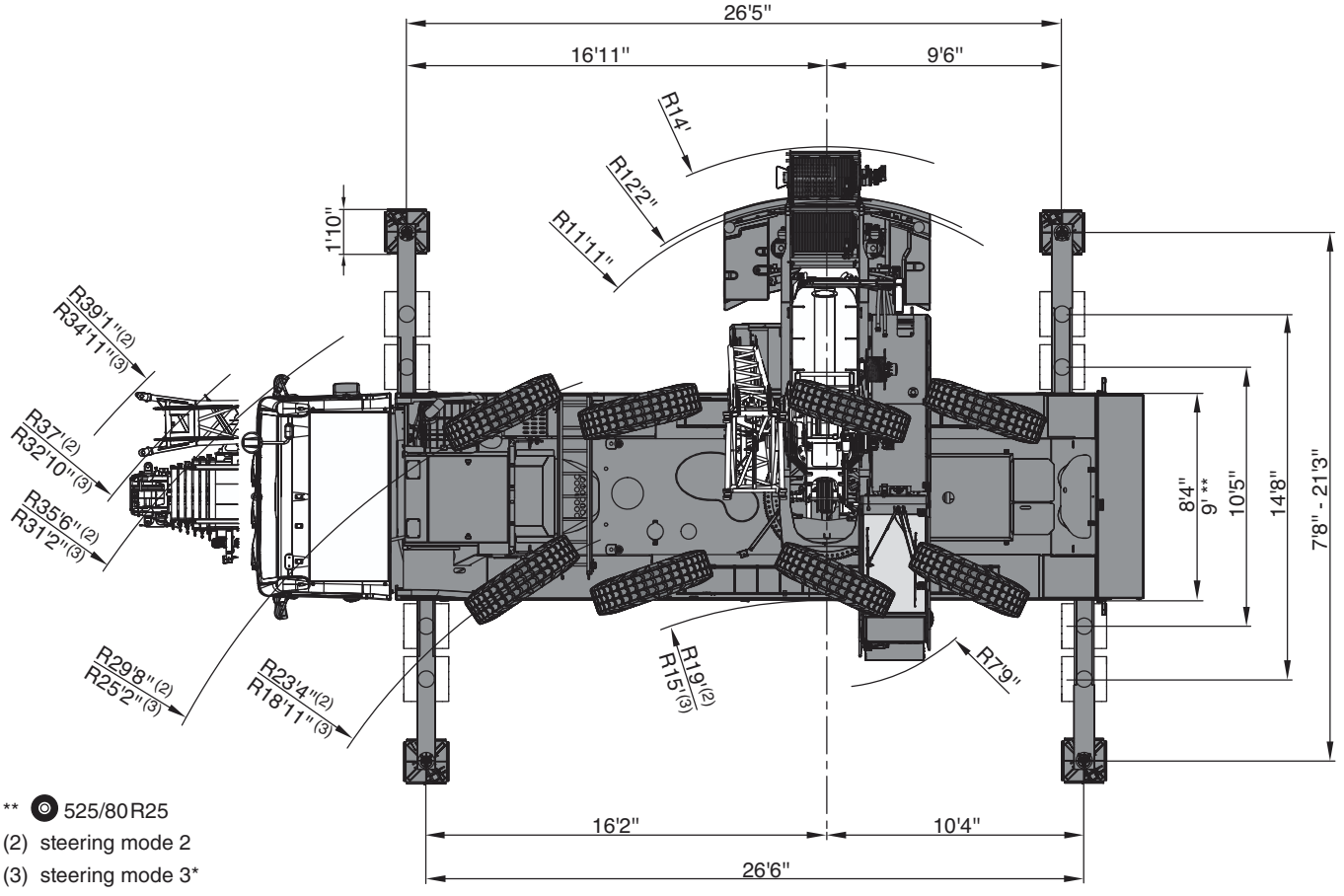


General

Vehicle dimensions



* 385/95 R25



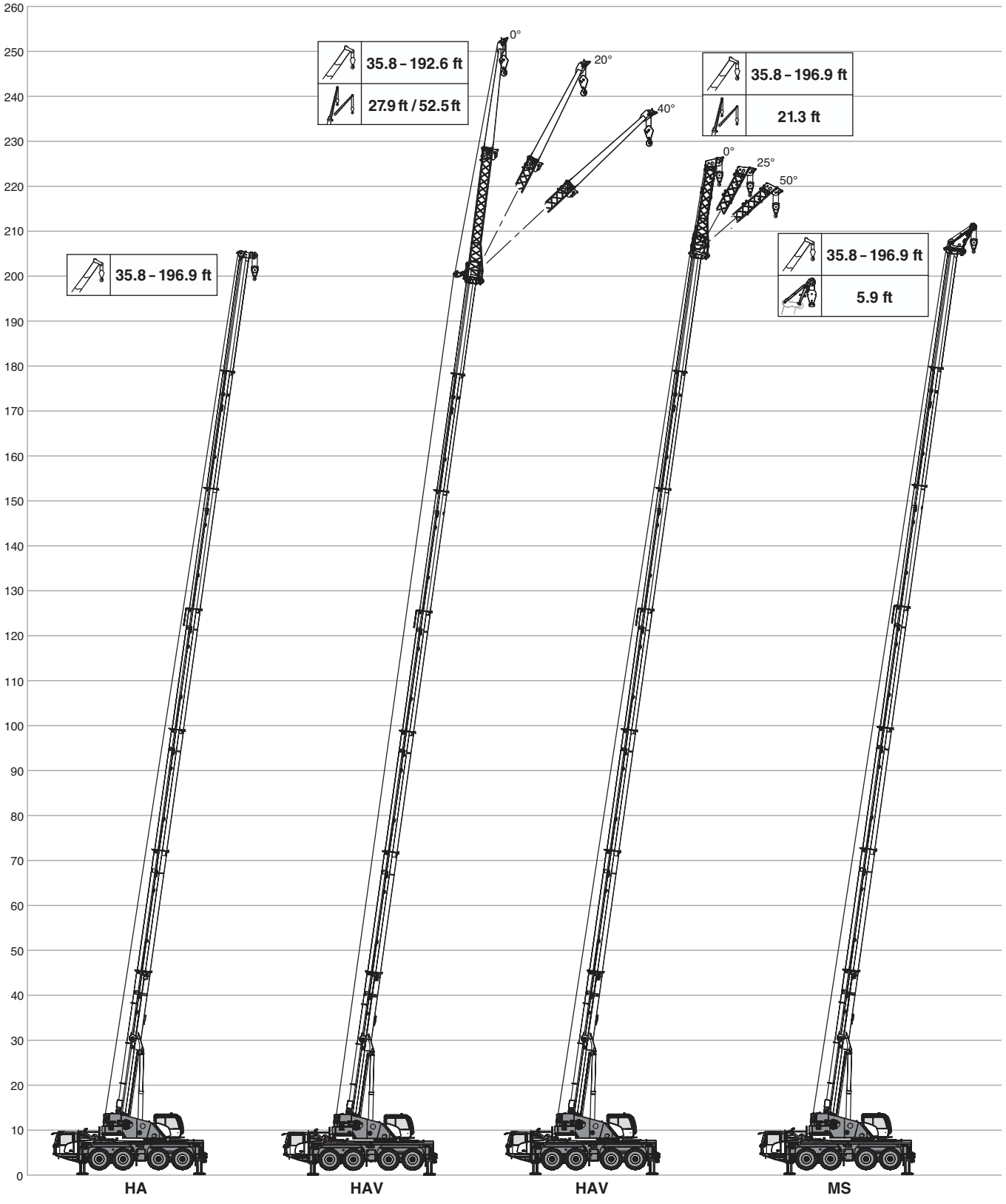
** 525/80R25

(2) steering mode 2

(3) steering mode 3*

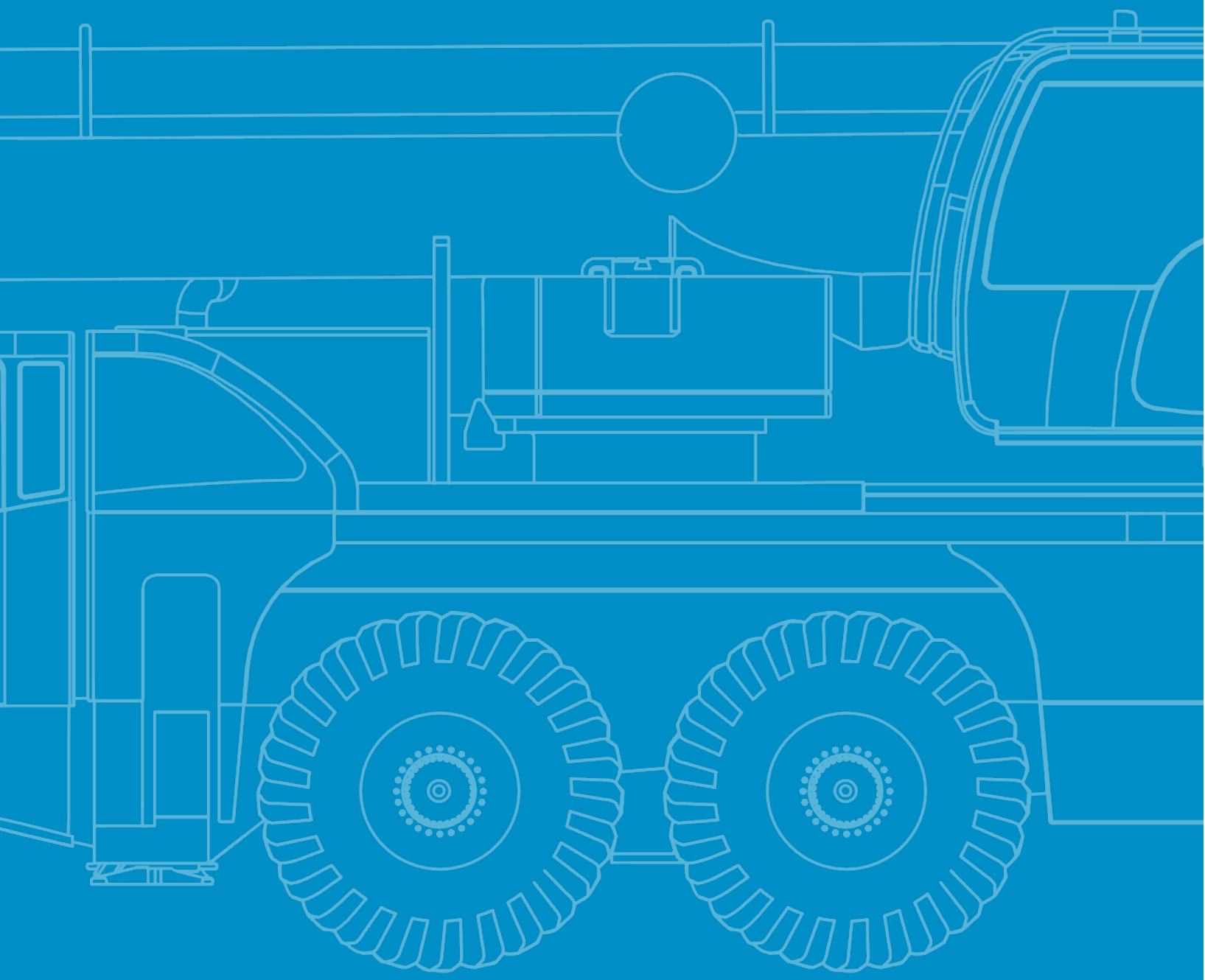
General

Boom Combinations



Notes

TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING



On-road and off-road driving

Axle loads

	Total		TELMA						2		
< 20,000 lbs	On request!										X
< 22,050 lbs	< 88,200 lbs	8 x 6 x 8	X	385/95R25	196.9 ft	17,600 lbs	7,300 lbs	–	–	880 lbs	
< 22,050 lbs	< 88,200 lbs	8 x 4 x 8	–	445/95R25	196.9 ft	17,600 lbs	7,300 lbs	–	–	660 lbs	
< 26,500 lbs	<106,000 lbs	8 x 6 x 8	X	445/95R25	196.9 ft	44,100 lbs	20,500 lbs	52.5 ft	–	330 lbs	
< 26,500 lbs	<106,000 lbs	8 x 6 x 8	X	445/95R25	196.9 ft	110,200 lbs	20,500 lbs	21.3 ft	–	1,320 lbs	
< 26,500 lbs	<106,000 lbs	8 x 6 x 8	X	445/95R25	196.9 ft	110,200 lbs	17,600 lbs	21.3 ft	X	1,320 lbs	
< 36,400 lbs	<128,000 lbs	8 x 6 x 8	X	445/95R25	196.9 ft	110,200 lbs	39,000 lbs	21.3 ft	X	1,320 lbs	

Speeds and gradeability

	385/95 R 25 14.00 R 25	445/95 R 25 16.00 R 25	525/80 R 25 20.50 R 25
%	46 %	42 %	42 %
%	> 70 %	> 60 %	> 60 %
	52.8 mph[1)]		

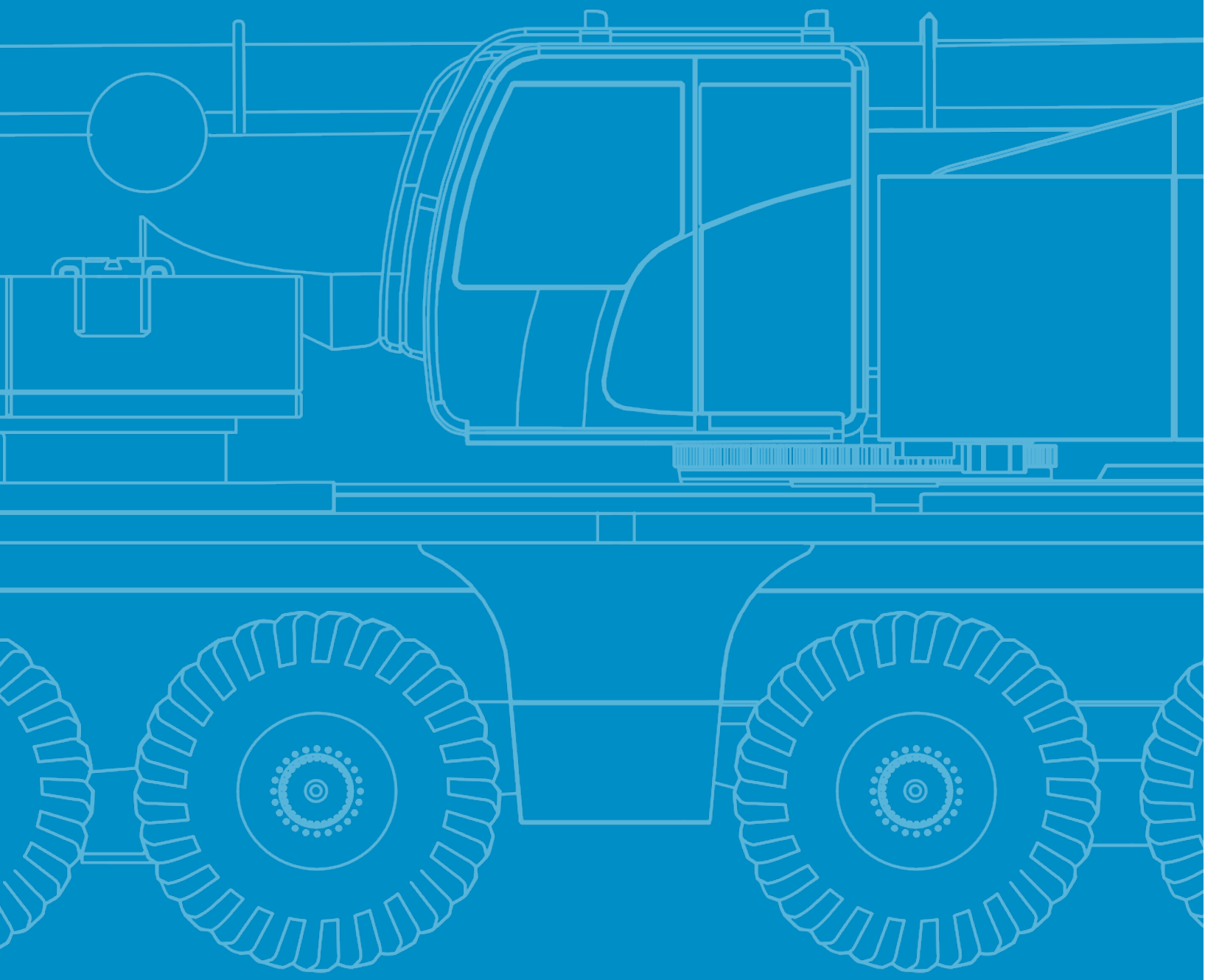
[1)] Depending on tire type, size and country specific legislation

Steering

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

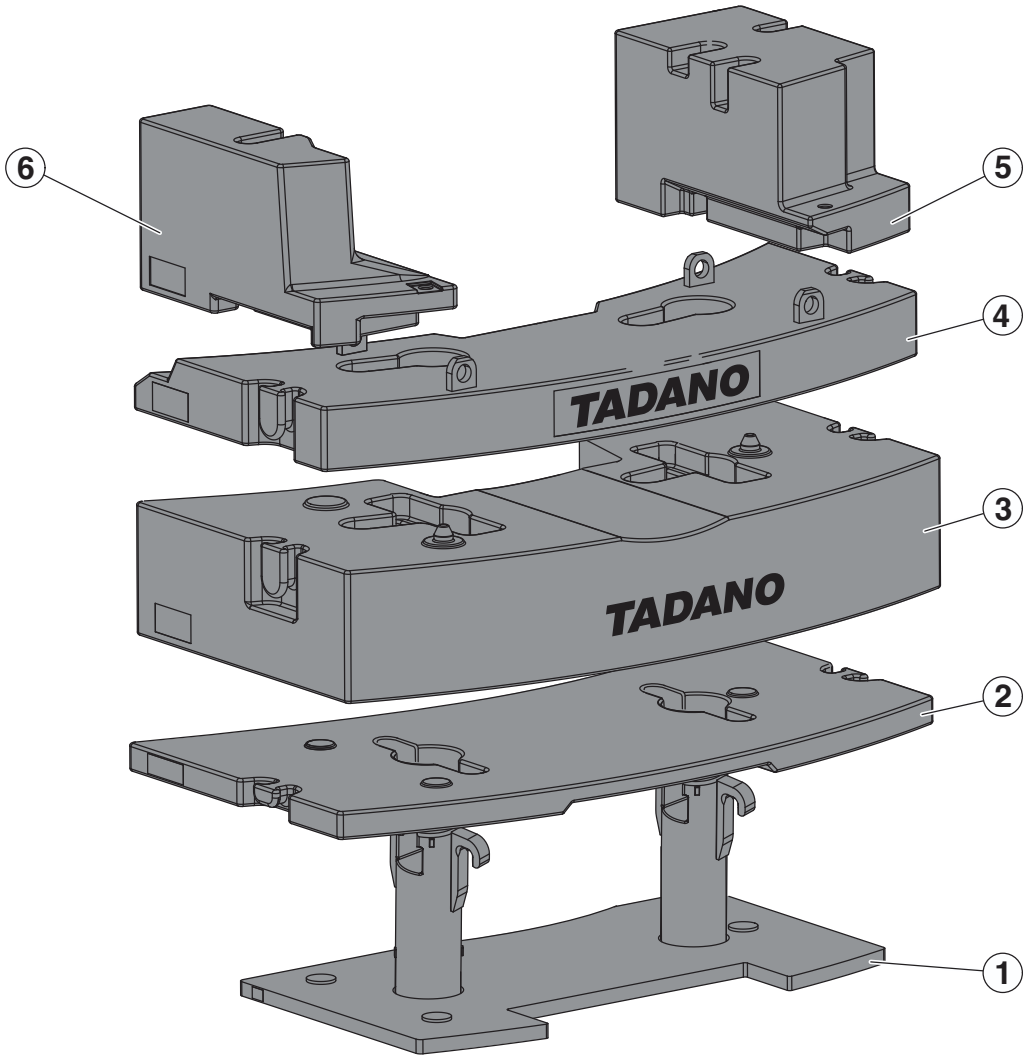
* must be activated

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight



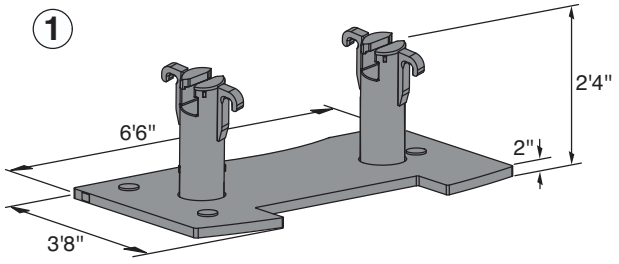
Configurations

	7,300 lbs	9,700 lbs	13,700 lbs	14,100 lbs	16,500 lbs	17,600 lbs	20,500 lbs	32,200 lbs	39,000 lbs
① 2,400 lbs		1	1		1	1	1	1	1
② 4,000 lbs			1			1	1	1	1
③ 18,500 lbs								1	1
④ 6,800 lbs				1	1	1	1		1
⑤ 4,400 lbs	1	1	1	1	1	1	1	1	1
⑥ 2,900 lbs	1	1	1	1	1		1	1	1

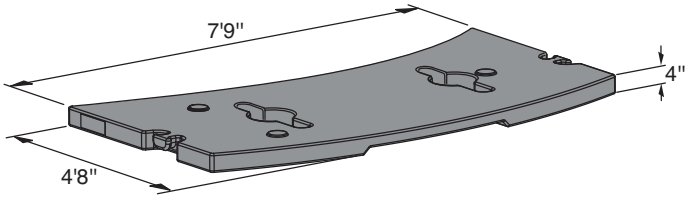
Transportation

Counterweight

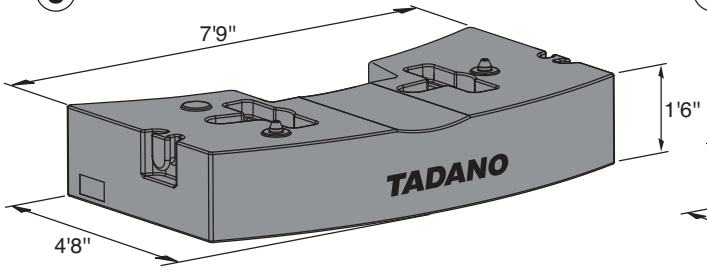
1



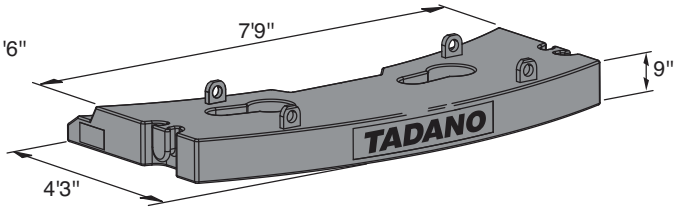
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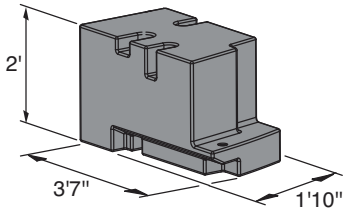
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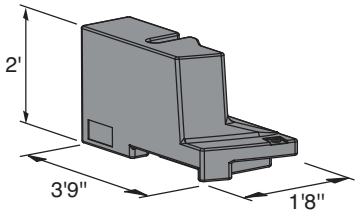
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5



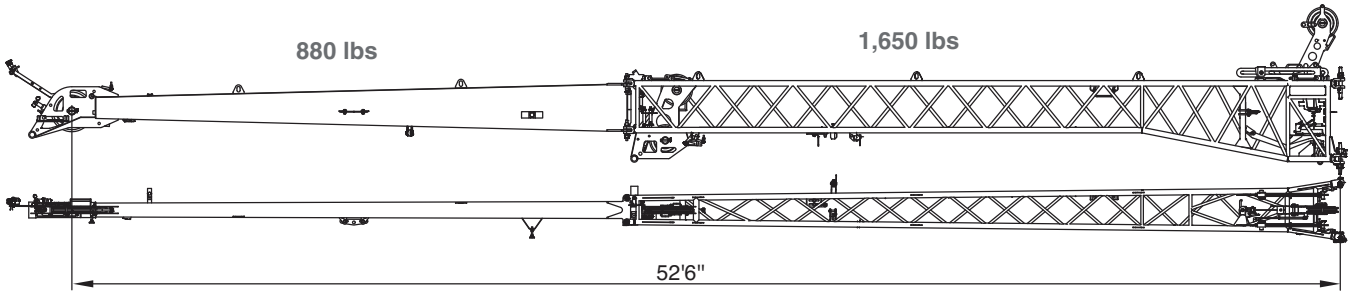
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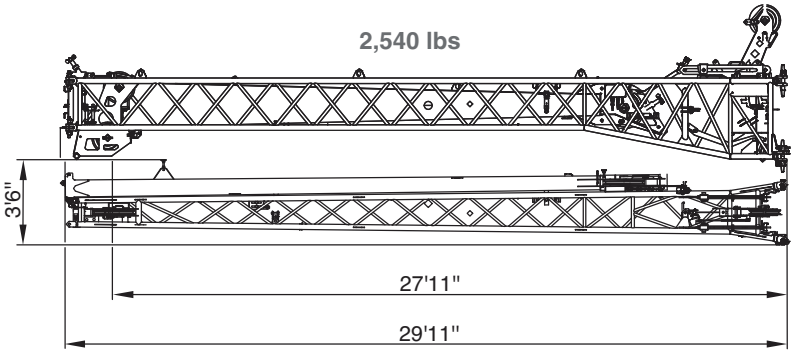


Transportation

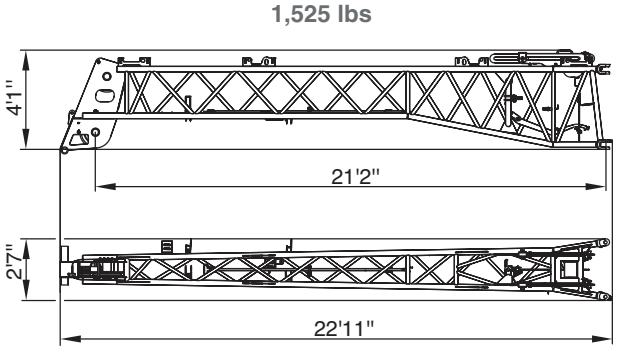
Jib

HAV 27.9 ft / 52.5 ft



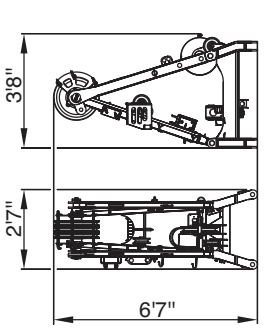


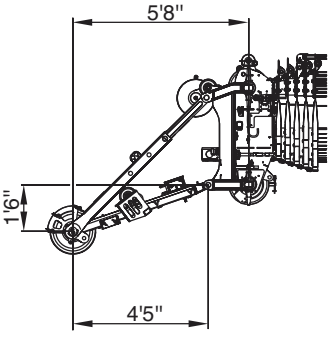
HAV 21.3 ft



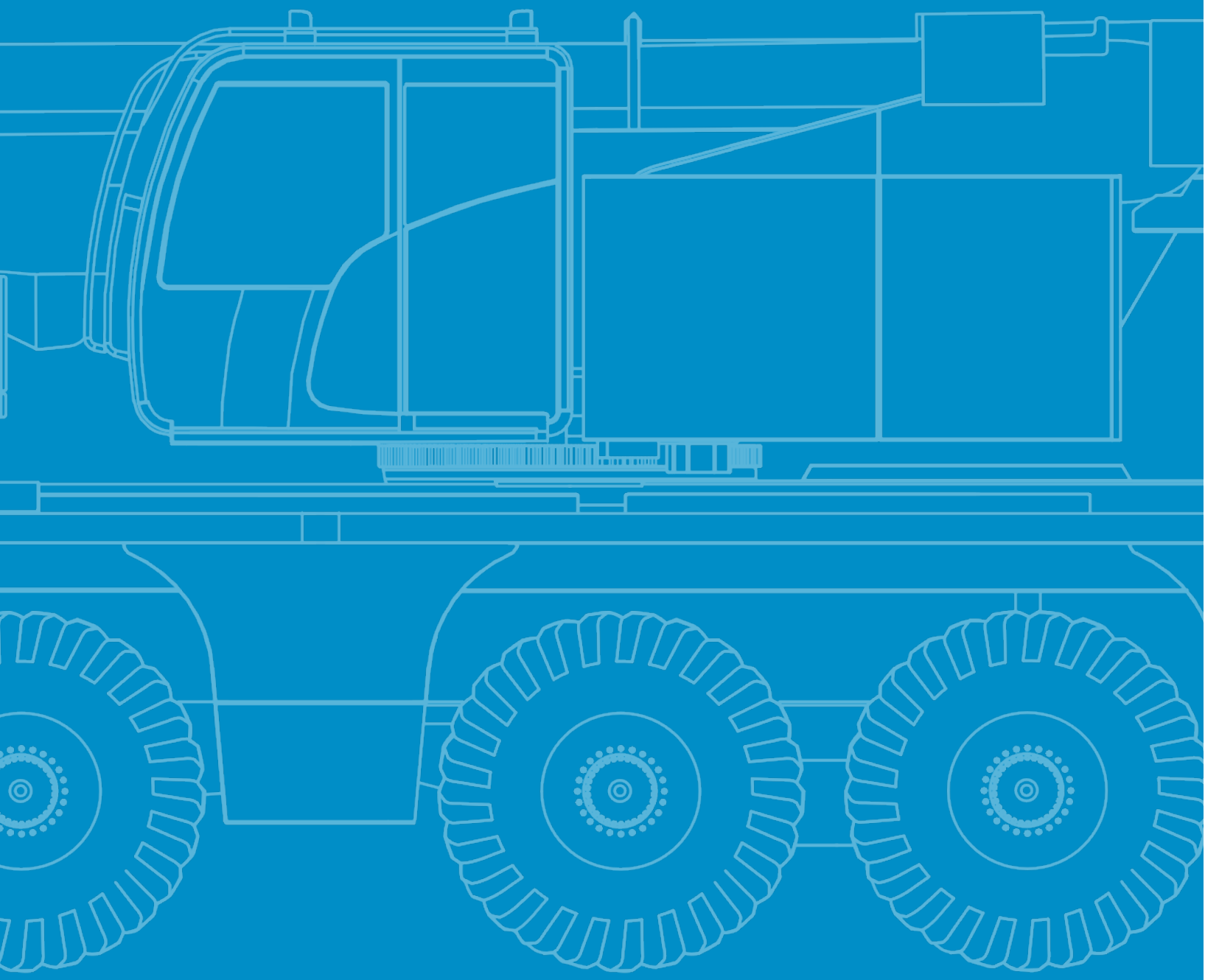
MS

778 lbs





TECHNICAL DATA FOR OPERATION



Notes

Operation

Main boom

approx. 510 s (35.8-196.9 ft)		approx. 45 s (-3° - 82°)	

Slewing

1,6 min^{-1}	

Hoist

		lbs		
1	393.7 $^{ft}/_{min}$	15,040 lbf	0.72”	787 ft
2	393.7 $^{ft}/_{min}$	15,040 lbf	0.72”	787 ft

Outrigger cylinders

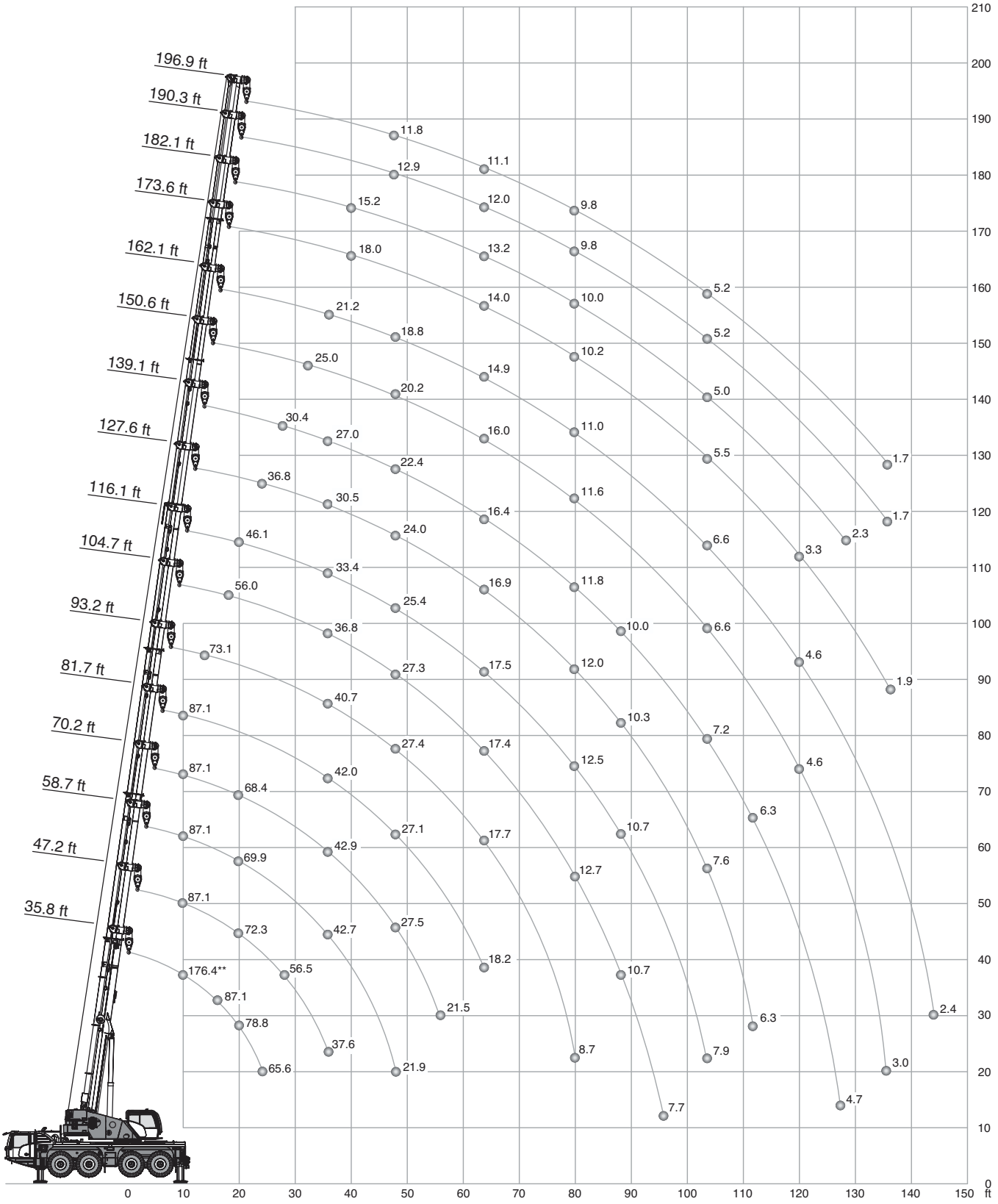
Max.	86,000 lbs	110,250 lbs
	28.7“	31.5“

Hook Blocks

	lbs			lbs	
17,600 lbs	14,900 lbs	–	1	380 lbs	3.3 ft
44,100 lbs	44,200 lbs	1	3	660 lbs	5.9 ft
110,200 lbs	87,100 lbs	3	6	1,320 lbs	5.9 ft

Operation

HA



** Max. crane capacity – with additional special equipment

Operation

39,000 lbs						26.5 ft x 21.3 ft					360°				ASME B30.5		
								(ft)										
35.8*	35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	
ft								1,000 lbs									ft
10	176.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
10	87.1	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	-	-	-	-	10
12	87.1	87.1	87.1	87.1	87.1	86.0	-	-	-	-	-	-	-	-	-	-	12
14	87.1	87.1	87.0	85.4	84.1	81.1	73.1	-	-	-	-	-	-	-	-	-	14
16	87.1	85.1	83.0	80.2	78.3	76.5	72.1	-	-	-	-	-	-	-	-	-	16
18	83.5	79.5	77.5	74.9	73.3	71.3	68.7	56.0	-	-	-	-	-	-	-	-	18
20	78.8	73.4	72.3	69.9	68.4	66.4	64.6	53.8	46.1	-	-	-	-	-	-	-	20
24	65.6	61.1	63.8	61.8	60.7	58.7	56.9	48.8	43.3	36.8	-	-	-	-	-	-	24
28	-	-	56.5	55.4	54.4	52.6	50.8	44.2	39.8	35.0	30.4	-	-	-	-	-	28
32	-	-	49.5	49.8	49.3	47.7	45.9	40.2	36.4	32.8	29.0	25.0	-	-	-	-	32
36	-	-	37.6	42.7	42.9	42.0	40.7	36.8	33.4	30.5	27.0	24.1	21.2	-	-	-	36
40	-	-	-	36.5	36.5	36.3	35.4	33.7	30.5	28.1	25.5	22.9	20.8	18.0	15.2	-	40
48	-	-	-	21.9	27.5	27.1	27.4	27.3	25.4	24.0	22.4	20.2	18.8	17.4	14.7	12.9	11.8	48
56	-	-	-	-	21.5	22.0	22.0	21.2	20.9	20.0	19.5	18.0	16.9	15.9	14.2	12.6	11.4	56
64	-	-	-	-	-	18.2	17.7	17.4	17.5	16.9	16.4	16.0	14.9	14.0	13.2	12.0	11.1	64
72	-	-	-	-	-	15.1	14.6	15.0	14.4	14.4	13.7	13.7	13.0	12.4	11.7	11.3	10.6	72
80	-	-	-	-	-	-	8.7	12.7	12.5	12.0	11.8	11.6	11.0	10.2	10.0	9.8	9.8	80
88	-	-	-	-	-	-	-	10.7	10.7	10.3	10.0	9.6	9.5	8.3	8.1	8.1	8.1	88
96	-	-	-	-	-	-	-	7.7	9.2	8.9	8.4	8.0	8.0	6.8	6.4	6.6	6.6	96
104	-	-	-	-	-	-	-	6.5	7.9	7.6	7.2	6.6	6.6	5.5	5.0	5.2	5.2	104
112	-	-	-	-	-	-	-	-	-	6.3	6.3	5.5	5.5	4.3	3.9	4.1	4.1	112
120	-	-	-	-	-	-	-	-	-	5.5	5.5	4.6	4.6	3.3	3.1	3.1	3.3	120
128	-	-	-	-	-	-	-	-	-	-	4.7	3.7	3.7	2.5	2.3	2.4	2.5	128
136	-	-	-	-	-	-	-	-	-	-	-	3.0	3.0	1.9	-	1.7	1.7	136
144	-	-	-	-	-	-	-	-	-	-	-	2.2	2.4	-	-	-	-	144
152	-	-	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-	152
1) 32.0	32.0	23.6	18.5	15.0	12.1	9.9	8.2	6.4	5.1	4.2	2.4	1.5	-	-	-	-	1)

1) Capacities with horizontal boom

* over rear

** Max. crane capacity – with additional special equipment

Operation

20,500 lbs	26.5 ft x 21.3 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	10
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.0	86.0	-	-	-	-	-	-	12
14	87.1	87.1	87.0	87.0	85.4	85.4	84.1	84.1	81.1	81.1	73.1	73.1	-	-	-	-	14
16	85.1	85.1	83.0	83.0	80.2	80.2	78.3	78.3	76.5	76.5	72.1	72.1	-	49.4	-	-	16
18	79.5	79.5	77.5	77.5	74.9	74.9	73.3	73.3	71.3	71.4	68.7	68.7	56.0	56.0	-	-	18
20	73.4	73.4	72.3	72.3	69.9	69.9	68.4	68.4	66.4	66.6	64.5	64.6	53.8	53.8	46.1	46.1	20
24	60.2	61.1	61.7	63.2	60.4	61.8	59.8	60.7	57.5	58.7	54.2	56.9	48.4	48.8	43.3	43.3	24
28	-	-	47.4	53.8	49.6	54.1	49.1	54.2	47.0	52.6	44.1	50.8	41.8	44.2	38.9	39.8	28
32	-	-	37.7	45.8	38.9	47.2	39.1	47.3	38.4	46.7	36.8	45.7	36.3	40.2	33.2	36.4	32
36	-	-	26.1	36.3	32.2	41.5	32.4	41.6	32.0	41.1	32.1	40.5	31.2	36.8	29.1	33.4	36
40	-	-	-	-	26.5	36.3	26.7	36.3	27.6	35.8	27.2	35.2	26.5	33.7	26.3	30.5	40
48	-	-	-	-	17.2	21.8	20.7	27.4	20.5	26.9	20.2	27.4	20.7	27.1	19.9	25.3	48
56	-	-	-	-	-	-	16.0	21.5	16.0	21.9	16.2	21.8	16.0	21.1	16.0	20.8	56
64	-	-	-	-	-	-	-	-	13.1	18.0	12.9	17.5	12.9	17.4	12.7	17.3	64
72	-	-	-	-	-	-	-	-	10.8	14.8	10.6	14.6	10.6	14.8	10.2	14.2	72
80	-	-	-	-	-	-	-	-	-	-	4.2	8.5	8.8	12.5	8.3	12.5	80
88	-	-	-	-	-	-	-	-	-	-	-	-	7.5	10.7	6.8	10.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	6.1	7.7	5.6	9.1	96
104	-	-	-	-	-	-	-	-	-	-	-	-	5.2	6.5	4.5	7.8	104
1)	32.0	32.0	23.6	23.6	18.5	18.5	13.4	15.0	10.4	12.1	7.9	9.9	6.0	8.2	4.2	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	36.8	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	35.0	35.0	30.4	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	31.8	32.8	28.5	29.0	25.0	25.0	-	-	-	-	-	-	-	-	-	-	32
36	27.9	30.5	26.2	27.0	23.2	24.1	21.2	21.2	-	-	-	-	-	-	-	-	36
40	24.9	28.1	23.6	25.5	22.2	22.9	20.6	20.8	18.0	18.0	15.2	15.2	-	-	-	-	40
48	20.0	24.0	19.4	22.4	18.5	20.2	16.8	18.8	16.0	17.4	14.3	14.7	12.9	12.9	11.8	11.8	48
56	15.6	19.9	15.2	19.5	14.6	18.0	14.0	16.9	12.5	15.9	11.8	14.2	11.5	12.6	11.0	11.4	56
64	12.3	16.9	12.3	16.2	11.6	16.0	11.1	14.9	9.6	14.0	8.9	13.2	8.7	12.0	8.7	11.1	64
72	10.0	14.2	10.2	13.7	9.1	13.7	8.7	12.8	7.3	12.4	6.7	11.7	6.4	11.3	6.4	10.6	72
80	8.1	12.0	8.1	11.8	7.0	11.4	7.0	11.0	5.5	10.2	5.1	9.6	4.9	9.4	4.9	9.4	80
88	6.6	10.3	6.6	9.9	5.5	9.5	5.5	9.4	4.3	8.3	3.7	7.8	3.6	7.8	3.6	7.8	88
96	5.3	8.8	5.4	8.3	4.3	7.9	4.3	7.9	3.2	6.7	2.7	6.4	2.5	6.4	2.5	6.4	96
104	4.3	7.4	4.3	7.2	3.2	6.6	3.2	6.6	2.1	5.2	1.7	5.0	-	5.2	1.6	5.2	104
112	3.5	6.3	3.5	6.3	2.4	5.5	2.4	5.5	-	4.1	-	3.9	-	4.1	-	4.1	112
120	2.7	5.3	2.7	5.5	-	4.4	-	4.4	-	3.3	-	3.1	-	3.1	-	3.3	120
128	-	-	2.2	4.7	-	3.6	-	3.6	-	2.5	-	2.2	-	2.3	-	2.4	128
136	-	-	-	-	-	3.0	-	3.0	-	1.9	-	-	-	-	-	-	136
144	-	-	-	-	-	2.2	-	2.4	-	-	-	-	-	-	-	-	144
1)	2.9	5.1	2.0	4.2	-	2.4	-	1.5	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

14,100 lbs	26.5 ft x 21.3 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	10
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.0	86.0	-	-	-	-	-	-	12
14	87.1	87.1	87.0	87.0	85.4	85.4	84.1	84.1	81.1	81.1	73.1	73.1	-	-	-	-	14
16	85.1	85.1	83.0	83.0	80.2	80.2	78.3	78.3	76.5	76.5	72.1	72.1	-	49.4	-	-	16
18	79.5	79.5	77.5	77.5	74.9	74.9	73.3	73.3	71.3	71.4	67.3	68.7	56.0	56.0	-	-	18
20	72.7	73.3	71.8	72.2	69.5	69.9	67.9	68.4	65.8	66.6	61.2	64.6	53.6	53.8	46.1	46.1	20
24	53.6	60.2	56.6	62.1	57.4	61.2	54.8	60.7	51.5	58.7	47.8	56.9	44.7	48.8	42.2	43.3	24
28	-	-	42.6	51.9	43.8	52.9	43.5	53.2	41.5	52.2	39.8	50.8	38.3	44.2	35.2	39.8	28
32	-	-	33.0	44.4	34.3	45.5	34.5	45.6	34.3	45.3	34.1	44.6	31.8	40.2	30.8	36.4	32
36	-	-	22.0	35.4	28.2	39.9	28.5	39.9	29.4	39.7	28.8	39.0	27.2	36.8	27.0	33.4	36
40	-	-	-	-	23.7	34.9	24.4	34.9	24.4	34.6	23.9	34.0	24.4	33.7	23.4	30.5	40
48	-	-	-	-	16.9	21.8	17.9	27.4	18.1	26.9	18.4	27.4	18.2	27.1	17.9	25.3	48
56	-	-	-	-	-	-	13.8	21.5	14.1	21.9	14.1	21.8	14.1	21.1	13.7	20.8	56
64	-	-	-	-	-	-	-	-	11.5	18.0	11.1	17.5	11.1	17.4	10.9	17.3	64
72	-	-	-	-	-	-	-	-	9.3	14.8	8.9	14.6	9.1	14.8	8.6	14.2	72
80	-	-	-	-	-	-	-	-	-	-	2.7	8.5	7.5	12.5	6.8	12.5	80
88	-	-	-	-	-	-	-	-	-	-	-	-	6.0	10.7	5.5	10.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	5.0	7.7	4.3	9.1	96
104	-	-	-	-	-	-	-	-	-	-	-	-	4.1	6.5	3.4	7.8	104
1)	32.0	32.0	23.1	23.6	15.9	18.5	11.5	15.0	8.8	12.1	6.4	9.9	4.6	8.2	3.1	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	36.5	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	33.5	35.0	29.3	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	28.9	32.8	27.3	29.0	24.0	25.0	-	-	-	-	-	-	-	-	-	-	32
36	25.8	30.5	23.9	27.0	22.3	24.1	19.8	21.2	-	-	-	-	-	-	-	-	36
40	22.7	28.1	21.6	25.5	20.3	22.9	18.6	20.8	17.7	18.0	15.1	15.2	-	-	-	-	40
48	17.7	24.0	16.7	22.4	15.8	20.2	15.1	18.8	13.4	17.4	12.8	14.7	12.2	12.9	11.4	11.8	48
56	13.5	19.9	13.6	19.5	12.3	18.0	11.7	16.9	10.0	15.9	9.5	14.2	9.1	12.6	9.1	11.4	56
64	10.5	16.9	10.7	16.2	9.5	16.0	8.9	14.9	7.5	14.0	6.9	13.2	6.6	12.0	6.6	11.1	64
72	8.2	14.2	8.4	13.7	7.3	13.7	6.9	12.8	5.3	12.4	4.9	11.7	4.7	11.3	4.7	10.6	72
80	6.6	12.0	6.6	11.8	5.5	11.4	5.3	11.0	4.0	10.2	3.4	9.6	3.3	9.4	3.3	9.4	80
88	5.1	10.3	5.3	9.9	4.3	9.5	4.0	9.4	2.7	8.3	2.3	7.8	2.1	7.8	2.1	7.8	88
96	4.1	8.8	4.2	8.3	3.2	7.9	3.1	7.9	-	6.7	-	6.4	-	6.4	-	6.4	96
104	3.2	7.4	3.2	7.2	2.1	6.6	2.1	6.6	-	5.2	-	5.0	-	5.2	-	5.2	104
112	2.4	6.3	2.4	6.3	-	5.5	-	5.5	-	4.1	-	3.9	-	4.1	-	4.1	112
120	-	5.3	-	5.5	-	4.4	-	4.4	-	3.3	-	3.1	-	3.1	-	3.3	120
128	-	-	-	4.7	-	3.6	-	3.6	-	2.5	-	2.2	-	2.3	-	2.4	128
136	-	-	-	-	-	3.0	-	3.0	-	1.9	-	-	-	-	-	-	136
144	-	-	-	-	-	2.2	-	2.4	-	-	-	-	-	-	-	-	144
1)	1.8	5.1	-	4.2	-	2.4	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

7,300 lbs	26.5 ft x 21.3 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	10
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.0	86.0	-	-	-	-	-	-	12
14	87.1	87.1	87.0	87.0	85.4	85.4	84.1	84.1	81.1	81.1	73.1	73.1	-	-	-	-	14
16	85.1	85.1	83.0	83.0	80.2	80.2	78.3	78.3	76.5	76.5	70.4	72.1	-	49.4	-	-	16
18	77.6	78.9	76.0	77.5	72.4	74.9	70.5	73.3	67.3	71.4	62.1	68.7	54.0	56.0	-	-	18
20	68.3	71.8	68.2	72.0	65.3	69.8	62.0	68.4	57.5	66.6	53.0	64.6	49.6	53.8	45.5	46.1	20
24	45.6	58.1	49.4	59.8	49.7	60.2	47.4	60.1	44.4	58.6	43.0	56.9	40.3	48.8	37.4	43.3	24
28	-	-	36.3	49.8	37.6	51.1	37.3	51.3	36.5	50.9	35.3	49.8	32.7	44.2	31.9	39.8	28
32	-	-	28.1	42.9	29.2	43.7	30.0	43.7	30.4	43.5	29.1	42.8	28.4	40.2	27.3	36.4	32
36	-	-	17.7	33.8	24.6	38.3	25.2	38.4	25.2	38.0	24.5	37.4	24.4	36.4	23.8	33.4	36
40	-	-	-	-	20.0	33.4	20.7	33.6	21.1	33.2	21.1	32.5	21.1	33.6	20.3	30.5	40
48	-	-	-	-	14.8	21.6	15.1	26.8	15.6	26.5	15.4	27.4	15.4	26.5	15.1	25.3	48
56	-	-	-	-	-	-	11.5	21.5	12.0	21.9	11.7	21.8	11.9	21.1	11.4	20.8	56
64	-	-	-	-	-	-	-	-	9.5	18.0	9.1	17.5	9.3	17.4	8.6	17.3	64
72	-	-	-	-	-	-	-	-	7.5	14.8	7.1	14.6	7.3	14.8	6.7	14.2	72
80	-	-	-	-	-	-	-	-	-	-	-	8.4	5.7	12.5	5.1	12.5	80
88	-	-	-	-	-	-	-	-	-	-	-	-	4.5	10.7	4.0	10.5	88
96	-	-	-	-	-	-	-	-	-	-	-	-	3.6	7.7	3.0	8.6	96
104	-	-	-	-	-	-	-	-	-	-	-	-	2.7	6.5	2.3	7.4	104
1)	32.0	32.0	19.4	23.6	13.2	18.5	9.5	15.0	7.1	12.1	4.9	9.9	3.5	8.2	2.0	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	35.0	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	30.1	35.0	27.7	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	26.1	32.8	24.5	29.0	22.9	25.0	-	-	-	-	-	-	-	-	-	-	32
36	22.7	30.5	21.2	27.0	20.0	24.1	17.7	21.2	-	-	-	-	-	-	-	-	36
40	19.4	28.1	18.2	25.5	17.1	22.9	16.2	20.8	14.2	18.0	13.6	15.2	-	-	-	-	40
48	14.6	24.0	14.5	22.4	12.8	20.2	12.1	18.8	10.4	17.4	9.7	14.7	9.5	12.9	9.5	11.8	48
56	11.0	19.9	11.2	19.5	9.6	18.0	9.0	16.9	7.4	15.9	6.8	14.2	6.4	12.6	6.4	11.4	56
64	8.4	16.9	8.6	16.2	7.1	16.0	6.6	14.6	5.1	13.7	4.6	12.9	4.3	12.0	4.3	11.1	64
72	6.4	14.2	6.7	13.7	5.3	13.1	4.9	12.2	3.3	10.9	2.9	10.0	2.7	9.8	2.7	9.7	72
80	4.9	12.0	5.1	11.8	4.0	10.7	3.6	10.1	-	8.5	-	7.9	-	7.6	-	7.6	80
88	3.6	10.3	3.8	9.9	2.7	8.9	2.5	8.3	-	6.7	-	6.1	-	5.8	-	5.8	88
96	2.7	8.5	2.9	8.1	-	7.5	-	6.8	-	5.3	-	4.7	-	4.4	-	4.4	96
104	1.9	7.0	2.1	7.1	-	6.1	-	5.6	-	4.1	-	3.7	-	3.4	-	3.4	104
112	-	5.9	-	5.9	-	4.8	-	4.6	-	3.3	-	2.6	-	2.4	-	2.4	112
120	-	4.9	-	5.0	-	4.0	-	3.8	-	2.5	-	2.0	-	-	-	-	120
128	-	-	-	4.2	-	3.2	-	3.1	-	1.8	-	-	-	-	-	-	128
136	-	-	-	-	-	2.4	-	2.4	-	-	-	-	-	-	-	-	136
144	-	-	-	-	-	1.8	-	1.8	-	-	-	-	-	-	-	-	144
1)	-	5.1	-	4.0	-	2.0	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

39,000 lbs	26.5 ft x 14.7 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	-	-	-	-	-	-	10
12	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.0	86.0	-	-	-	-	-	-	12
14	85.7	87.1	86.4	87.0	85.4	85.4	84.1	84.1	80.7	81.1	73.1	73.1	-	-	-	-	14
16	79.3	85.1	80.6	83.0	80.2	80.2	78.3	78.3	74.0	76.5	68.1	72.1	-	49.4	-	-	16
18	69.6	79.5	71.4	77.5	71.7	74.9	70.2	73.3	65.6	71.4	60.8	68.7	54.5	56.0	-	-	18
20	59.7	73.4	62.1	72.3	64.0	69.9	61.5	68.4	57.7	66.6	53.8	64.6	50.4	53.8	45.8	46.1	20
24	43.6	61.1	46.3	63.8	47.4	61.8	47.7	60.7	46.5	58.7	44.0	56.9	42.9	48.8	39.2	43.3	24
28	-	-	36.0	56.5	37.1	55.4	37.2	54.4	36.9	52.6	37.7	50.8	36.1	44.2	33.8	39.8	28
32	-	-	29.0	49.3	30.0	49.6	30.5	49.3	31.0	47.7	30.8	45.7	30.0	40.2	30.0	36.4	32
36	-	-	20.6	37.3	25.4	42.6	26.3	42.8	26.3	41.8	26.0	40.5	25.9	36.8	25.7	33.4	36
40	-	-	-	-	21.8	36.3	22.2	36.3	22.2	35.8	22.5	35.2	22.2	33.7	22.2	30.5	40
48	-	-	-	-	16.7	21.8	16.8	27.4	17.3	26.9	17.2	27.4	17.3	27.1	16.8	25.3	48
56	-	-	-	-	-	-	13.3	21.5	13.6	21.9	13.5	21.8	13.6	21.1	13.3	20.8	56
64	-	-	-	-	-	-	-	-	11.2	18.0	10.9	17.5	11.0	17.4	10.6	17.3	64
72	-	-	-	-	-	-	-	-	9.3	14.8	8.9	14.6	9.1	14.8	8.6	14.2	72
80	-	-	-	-	-	-	-	-	-	-	4.2	8.5	7.7	12.5	7.1	12.5	80
88	-	-	-	-	-	-	-	-	-	-	-	-	6.5	10.7	6.0	10.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	5.4	7.7	5.1	9.1	96
104	-	-	-	-	-	-	-	-	-	-	-	-	4.7	6.5	4.3	7.8	104
1)	32.0	32.0	21.4	23.6	15.2	18.5	11.2	15.0	8.8	12.1	6.8	9.9	5.3	8.2	4.0	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	36.0	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	32.0	35.0	29.3	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	28.8	32.8	26.8	29.0	23.9	25.0	-	-	-	-	-	-	-	-	-	-	32
36	25.3	30.5	23.9	27.0	22.4	24.1	19.9	21.2	-	-	-	-	-	-	-	-	36
40	22.0	28.1	21.6	25.5	20.6	22.9	18.8	20.8	17.8	18.0	15.1	15.2	-	-	-	-	40
48	16.6	24.0	16.2	22.4	15.9	20.2	15.6	18.8	13.9	17.4	13.5	14.7	12.5	12.9	11.8	11.8	48
56	13.0	19.9	13.1	19.5	12.4	18.0	12.4	16.9	11.1	15.9	10.5	14.2	10.4	12.6	10.4	11.4	56
64	10.4	16.9	10.6	16.2	9.7	16.0	9.7	14.9	8.6	14.0	8.3	13.2	8.2	12.0	8.3	11.1	64
72	8.4	14.2	8.6	13.7	7.8	13.7	7.8	12.8	6.9	12.4	6.4	11.7	6.2	11.3	6.2	10.6	72
80	6.9	12.0	7.1	11.8	6.2	11.4	6.2	11.0	5.3	10.2	4.9	9.6	4.9	9.4	4.9	9.4	80
88	5.8	10.3	5.8	9.9	5.1	9.5	5.1	9.4	4.0	8.3	3.6	7.8	3.6	7.8	3.6	7.8	88
96	4.7	8.8	4.9	8.3	4.1	7.9	4.1	7.9	3.0	6.7	2.7	6.4	2.5	6.4	2.5	6.4	96
104	4.0	7.4	4.1	7.2	3.2	6.6	3.2	6.6	2.1	5.2	1.7	5.0	1.6	5.2	1.6	5.2	104
112	3.3	6.3	3.3	6.3	2.4	5.5	2.4	5.5	-	4.1	-	3.9	-	4.1	-	4.1	112
120	2.5	5.3	2.7	5.5	-	4.4	-	4.4	-	3.3	-	3.1	-	3.1	-	3.3	120
128	-	-	2.2	4.7	-	3.6	-	3.6	-	2.5	-	2.2	-	2.3	-	2.4	128
136	-	-	-	-	-	3.0	-	3.0	-	1.9	-	-	-	-	-	-	136
144	-	-	-	-	-	2.2	-	2.4	-	-	-	-	-	-	-	-	144
1)	2.9	5.1	2.0	4.2	-	2.4	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

20,500 lbs	26.5 ft x 14.7 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	86.0	87.1	-	-	-	-	-	-	10
12	87.1	87.1	87.1	87.1	84.7	87.1	83.2	87.1	75.7	86.0	-	-	-	-	-	-	12
14	82.0	87.1	80.1	87.0	74.5	85.4	69.6	84.1	63.8	81.1	58.3	73.1	-	-	-	-	14
16	65.8	85.1	66.4	83.0	63.5	80.2	59.2	78.3	54.6	76.5	51.5	72.1	47.6	49.4	-	-	16
18	52.9	79.5	56.1	77.5	54.9	74.9	51.7	73.3	48.0	71.4	46.4	68.7	42.7	56.0	-	-	18
20	42.4	73.4	45.7	72.3	47.0	69.9	45.0	68.4	43.8	66.6	41.0	64.6	38.4	53.8	36.5	46.1	20
24	30.5	61.1	33.2	63.2	34.4	61.8	35.6	60.7	35.1	58.7	33.4	56.9	32.2	48.8	30.8	43.3	24
28	-	-	25.5	53.8	27.2	54.1	27.6	54.2	27.6	52.6	27.9	50.8	27.3	44.2	25.9	39.8	28
32	-	-	20.3	45.8	22.0	47.2	22.3	47.3	22.7	46.7	22.6	45.7	22.6	40.2	22.1	36.4	32
36	-	-	12.9	36.3	18.5	41.5	18.7	41.6	19.3	41.1	19.0	40.5	19.0	36.8	18.7	33.4	36
40	-	-	-	-	15.3	36.3	15.5	36.3	16.2	35.8	16.0	35.2	16.2	33.7	15.5	30.5	40
48	-	-	-	-	11.4	21.8	11.6	27.4	12.2	26.9	11.8	27.4	12.0	27.1	11.5	25.3	48
56	-	-	-	-	-	-	8.9	21.5	9.4	21.9	9.1	21.8	9.3	21.1	8.8	20.8	56
64	-	-	-	-	-	-	-	-	7.4	18.0	7.2	17.5	7.2	17.4	6.8	17.3	64
72	-	-	-	-	-	-	-	-	6.0	14.8	5.5	14.6	5.8	14.8	5.3	14.2	72
80	-	-	-	-	-	-	-	-	-	-	-	8.5	4.7	12.5	4.2	12.5	80
88	-	-	-	-	-	-	-	-	-	-	-	-	3.7	10.7	3.3	10.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	3.0	7.7	2.4	9.1	96
104	-	-	-	-	-	-	-	-	-	-	-	-	2.3	6.5	1.8	7.8	104
1)	23.8	32.0	14.6	23.6	10.1	18.5	7.3	15.0	5.5	12.1	4.0	9.9	2.9	8.2	1.5	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	29.1	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	24.5	35.0	22.9	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	20.9	32.8	20.0	29.0	18.2	25.0	-	-	-	-	-	-	-	-	-	-	32
36	18.0	30.5	17.6	27.0	15.8	24.1	15.0	21.2	-	-	-	-	-	-	-	-	36
40	15.3	28.1	15.1	25.5	13.6	22.9	13.0	20.8	11.4	18.0	10.8	15.2	-	-	-	-	40
48	11.3	24.0	11.5	22.4	10.3	20.2	9.9	18.8	8.4	17.4	7.8	14.7	7.7	12.9	7.7	11.8	48
56	8.5	19.9	8.8	19.5	7.9	18.0	7.4	16.9	6.1	15.9	5.5	14.2	5.2	12.6	5.2	11.4	56
64	6.6	16.9	6.8	16.2	5.9	16.0	5.6	14.9	4.1	14.0	3.6	13.2	3.4	12.0	3.4	11.1	64
72	5.1	14.2	5.3	13.7	4.4	13.7	4.0	12.8	2.7	12.4	2.0	11.7	2.0	11.3	2.0	10.6	72
80	4.0	12.0	4.1	11.8	3.1	11.4	2.9	11.0	-	10.2	-	9.6	-	9.4	-	9.4	80
88	3.0	10.3	3.2	9.9	2.2	9.5	-	9.4	-	8.3	-	7.8	-	7.8	-	7.8	88
96	2.2	8.8	2.2	8.3	-	7.9	-	7.9	-	6.7	-	6.4	-	6.4	-	6.4	96
104	-	7.4	-	7.2	-	6.6	-	6.6	-	5.2	-	5.0	-	5.2	-	5.2	104
112	-	6.3	-	6.3	-	5.5	-	5.5	-	4.1	-	3.9	-	4.1	-	4.1	112
120	-	5.3	-	5.5	-	4.4	-	4.4	-	3.3	-	3.1	-	3.1	-	3.3	120
128	-	-	-	4.7	-	3.6	-	3.6	-	2.5	-	2.2	-	2.3	-	2.4	128
136	-	-	-	-	-	3.0	-	3.0	-	1.9	-	-	-	-	-	-	136
144	-	-	-	-	-	2.2	-	2.4	-	-	-	-	-	-	-	-	144
1)	-	5.1	-	4.2	-	2.4	-	1.5	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

14,100 lbs	26.5 ft x 14.7 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	87.1	87.1	87.1	87.1	86.7	87.1	86.2	87.1	81.4	87.1	-	-	-	-	-	-	10
12	85.7	87.1	83.8	87.1	79.9	87.1	73.8	87.1	66.8	86.0	-	-	-	-	-	-	12
14	74.7	87.1	70.4	87.0	66.5	85.4	61.2	84.1	56.0	81.1	52.2	73.1	-	-	-	-	14
16	57.4	85.1	59.1	83.0	55.9	80.2	51.9	78.3	49.6	76.5	45.9	72.1	42.2	49.4	-	-	16
18	46.0	79.5	49.1	77.5	48.2	74.9	45.3	73.3	43.8	71.4	40.7	68.7	38.1	56.0	-	-	18
20	36.6	73.3	39.8	72.2	41.1	69.9	40.7	68.4	38.4	66.6	36.9	64.6	34.9	53.8	32.6	46.1	20
24	26.1	60.2	28.9	62.1	30.5	61.2	31.2	60.7	30.9	58.7	29.8	56.9	28.4	48.8	26.7	43.3	24
28	-	-	22.0	51.9	23.9	52.9	24.1	53.2	24.5	52.2	24.3	50.8	23.7	44.2	22.4	39.8	28
32	-	-	17.3	44.4	19.1	45.5	19.3	45.6	20.0	45.3	19.6	44.6	19.6	40.2	18.9	36.4	32
36	-	-	10.3	35.4	15.9	39.9	16.2	39.9	16.8	39.7	16.4	39.0	16.6	36.8	16.0	33.4	36
40	-	-	-	-	13.2	34.9	13.4	34.9	14.0	34.6	13.6	34.0	13.8	33.7	13.4	30.5	40
48	-	-	-	-	9.7	21.8	9.7	27.4	10.3	26.9	10.0	27.4	10.3	27.1	9.7	25.3	48
56	-	-	-	-	-	-	7.3	21.5	7.9	21.9	7.6	21.8	7.8	21.1	7.2	20.8	56
64	-	-	-	-	-	-	-	-	6.1	18.0	5.8	17.5	6.1	17.4	5.6	17.3	64
72	-	-	-	-	-	-	-	-	4.9	14.8	4.4	14.6	4.7	14.8	4.2	14.2	72
80	-	-	-	-	-	-	-	-	-	-	-	8.5	3.6	12.4	3.2	12.4	80
88	-	-	-	-	-	-	-	-	-	-	-	-	2.8	10.6	2.3	10.6	88
96	-	-	-	-	-	-	-	-	-	-	-	-	2.0	7.7	-	9.1	96
104	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	7.8	104
1)	20.3	32.0	12.1	23.6	8.6	18.5	6.0	15.0	4.4	12.1	3.1	9.9	2.0	8.2	-	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	25.3	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	21.1	35.0	20.3	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	17.8	32.8	17.3	29.0	15.5	25.0	-	-	-	-	-	-	-	-	-	-	32
36	15.4	30.5	14.9	27.0	13.3	24.1	12.5	21.2	-	-	-	-	-	-	-	-	36
40	13.1	28.1	12.8	25.5	11.2	22.9	10.6	20.8	9.0	18.0	8.4	15.2	-	-	-	-	40
48	9.4	24.0	9.7	22.4	8.4	20.2	8.0	18.8	6.3	17.4	5.8	14.7	5.5	12.9	5.3	11.8	48
56	7.0	19.9	7.2	19.5	6.2	18.0	5.7	16.9	4.1	15.9	3.6	14.2	3.4	12.6	3.3	11.4	56
64	5.3	16.9	5.4	16.2	4.3	16.0	3.9	14.9	2.5	14.0	1.9	13.1	-	12.0	-	11.1	64
72	4.0	14.2	4.0	13.7	2.9	13.7	2.5	12.2	-	11.5	-	10.9	-	10.6	-	10.6	72
80	2.9	12.0	3.1	11.8	-	10.9	-	10.5	-	9.1	-	8.5	-	8.3	-	8.3	80
88	1.9	10.3	2.2	9.9	-	9.3	-	8.9	-	7.2	-	6.7	-	6.5	-	6.5	88
96	-	8.8	-	8.1	-	7.6	-	7.5	-	5.9	-	5.4	-	5.0	-	5.0	96
104	-	7.4	-	7.2	-	6.1	-	6.1	-	4.8	-	4.3	-	3.9	-	3.9	104
112	-	6.3	-	6.3	-	5.0	-	5.0	-	3.7	-	3.3	-	3.0	-	3.0	112
120	-	5.2	-	5.4	-	4.1	-	4.0	-	2.9	-	2.5	-	2.2	-	2.2	120
128	-	-	-	4.7	-	3.6	-	3.2	-	2.1	-	1.8	-	-	-	-	128
136	-	-	-	-	-	2.8	-	2.5	-	-	-	-	-	-	-	-	136
144	-	-	-	-	-	2.2	-	2.2	-	-	-	-	-	-	-	-	144
1)	-	5.1	-	4.2	-	2.4	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

7,300 lbs	26.5 ft x 14.7 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	87.1	87.1	86.3	87.1	85.8	87.1	78.7	87.1	70.1	87.1	-	-	-	-	-	-	10
12	81.7	87.1	74.9	87.1	69.7	87.1	63.2	87.1	57.9	86.0	-	-	-	-	-	-	12
14	63.0	87.1	61.0	87.0	56.9	85.4	52.4	84.1	49.7	81.1	45.7	73.1	-	-	-	-	14
16	48.1	85.1	50.2	83.0	47.5	80.2	45.6	78.3	42.5	76.5	40.2	72.1	35.6	49.4	-	-	16
18	38.3	78.9	41.5	77.5	40.9	74.9	39.8	73.3	37.3	71.4	35.5	68.7	33.4	56.0	-	-	18
20	30.3	71.8	33.6	72.0	35.5	69.8	34.6	68.4	33.2	66.6	31.2	64.6	29.5	53.8	27.6	46.1	20
24	21.3	58.1	24.1	59.8	26.0	60.2	26.4	60.1	26.4	58.6	25.2	56.9	24.0	48.8	22.5	43.3	24
28	-	-	18.2	49.8	19.9	51.1	20.3	51.3	21.0	50.9	20.5	49.8	19.9	44.2	18.5	39.8	28
32	-	-	14.2	42.9	15.8	43.7	16.0	43.7	16.9	43.5	16.4	42.8	16.4	40.2	15.5	36.4	32
36	-	-	7.4	33.5	13.1	38.3	13.2	38.4	13.9	38.0	13.6	37.4	13.7	36.4	13.2	33.4	36
40	-	-	-	-	10.7	33.3	10.8	33.5	11.4	33.1	11.2	32.3	11.4	33.5	11.0	30.2	40
48	-	-	-	-	7.6	18.8	7.8	25.1	8.4	25.1	8.0	25.8	8.2	24.9	7.8	23.4	48
56	-	-	-	-	-	-	5.7	19.9	6.2	20.1	5.9	19.8	6.1	19.4	5.6	19.2	56
64	-	-	-	-	-	-	-	-	4.7	16.0	4.5	16.0	4.7	16.0	4.0	15.8	64
72	-	-	-	-	-	-	-	-	3.6	13.1	3.3	13.5	3.3	12.8	2.9	12.6	72
80	-	-	-	-	-	-	-	-	-	-	-	6.5	2.5	11.3	-	10.3	80
88	-	-	-	-	-	-	-	-	-	-	-	-	-	9.2	-	8.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	7.2	96
104	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	6.1	104
1)	16.1	32.0	9.7	23.6	6.6	18.5	4.6	15.0	3.3	12.1	1.8	9.9	-	7.7	-	5.5	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	21.1	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	17.5	35.0	16.8	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	14.7	32.8	14.2	29.0	12.4	25.0	-	-	-	-	-	-	-	-	-	-	32
36	12.5	30.5	12.1	27.0	10.5	24.1	9.8	21.2	-	-	-	-	-	-	-	-	36
40	10.5	28.0	10.2	25.5	8.8	22.9	8.2	20.8	6.4	18.0	5.7	15.2	-	-	-	-	40
48	7.5	22.5	7.6	21.8	6.1	20.2	5.5	18.6	4.0	17.2	3.3	14.7	-	12.9	-	11.8	48
56	5.3	18.5	5.6	17.5	4.0	17.1	3.5	15.4	-	14.5	-	13.4	-	12.3	-	11.4	56
64	3.8	14.8	3.9	14.4	2.5	13.7	2.0	12.8	-	11.3	-	10.4	-	10.2	-	10.1	64
72	2.7	12.4	2.7	11.7	-	10.6	-	10.2	-	8.7	-	8.0	-	7.8	-	7.8	72
80	-	9.8	-	9.8	-	8.8	-	8.2	-	6.6	-	5.9	-	5.7	-	5.7	80
88	-	8.1	-	8.4	-	7.2	-	6.7	-	5.3	-	4.5	-	4.2	-	4.3	88
96	-	6.8	-	6.7	-	5.7	-	5.4	-	3.9	-	3.4	-	3.0	-	3.1	96
104	-	5.6	-	5.4	-	4.4	-	4.3	-	3.0	-	2.3	-	2.1	-	2.1	104
112	-	4.6	-	4.6	-	3.5	-	3.3	-	2.0	-	-	-	-	-	-	112
120	-	3.8	-	3.8	-	2.7	-	2.5	-	-	-	-	-	-	-	-	120
128	-	-	-	3.2	-	2.1	-	1.9	-	-	-	-	-	-	-	-	128
1)	-	4.0	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

20,500 lbs	26.5 ft x 10.4 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	83.4	87.1	77.4	87.1	71.0	87.1	64.6	87.1	60.5	87.1	-	-	-	-	-	-	10
12	65.2	87.1	62.4	87.1	58.2	87.1	54.6	87.1	50.9	86.0	-	-	-	-	-	-	12
14	51.0	87.1	51.8	87.0	48.9	85.4	46.9	84.1	43.7	81.1	41.4	73.1	-	-	-	-	14
16	39.9	85.1	42.8	83.0	42.6	80.2	40.6	78.3	38.6	76.5	36.3	72.1	32.4	49.4	-	-	16
18	32.9	79.5	35.9	77.5	36.7	74.9	35.9	73.3	34.3	71.4	32.4	68.7	30.6	56.0	-	-	18
20	26.9	73.4	29.8	72.3	31.7	69.9	31.6	68.4	30.4	66.6	28.9	64.6	27.4	53.8	25.6	46.1	20
24	19.7	61.1	22.1	63.2	23.9	61.8	24.1	60.7	24.6	58.7	23.6	56.9	22.5	48.8	21.1	43.3	24
28	-	-	17.1	53.8	18.8	54.1	19.1	54.2	19.7	52.6	19.3	50.8	18.9	44.2	17.7	39.8	28
32	-	-	13.6	45.8	15.2	47.2	15.4	47.3	16.1	46.7	15.6	45.7	15.7	40.2	15.0	36.4	32
36	-	-	7.4	36.3	12.7	41.5	12.8	41.6	13.5	41.1	13.2	40.5	13.4	36.8	12.7	33.4	36
40	-	-	-	-	10.5	36.3	10.6	36.3	11.2	35.8	11.0	35.2	11.2	33.7	10.6	30.5	40
48	-	-	-	-	7.6	21.8	7.8	27.4	8.3	26.9	8.0	27.4	8.3	27.1	7.8	25.3	48
56	-	-	-	-	-	-	5.7	21.5	6.2	21.9	6.0	21.8	6.2	21.1	5.7	20.8	56
64	-	-	-	-	-	-	-	-	4.7	18.0	4.5	17.5	4.7	17.4	4.2	17.3	64
72	-	-	-	-	-	-	-	-	3.8	14.8	3.3	14.6	3.6	14.8	3.1	14.2	72
80	-	-	-	-	-	-	-	-	-	-	-	8.5	2.7	12.5	-	12.5	80
88	-	-	-	-	-	-	-	-	-	-	-	-	-	10.7	-	10.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	9.1	96
104	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	7.8	104
1)	15.4	32.0	9.5	23.6	6.6	18.5	4.6	15.0	3.3	12.1	2.0	9.9	-	8.2	-	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	20.0	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	16.7	35.0	16.0	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	14.2	32.8	13.7	29.0	11.9	25.0	-	-	-	-	-	-	-	-	-	-	32
36	12.2	30.5	11.7	27.0	10.2	24.1	9.5	21.2	-	-	-	-	-	-	-	-	36
40	10.3	28.1	9.9	25.5	8.6	22.9	8.2	20.8	6.6	18.0	6.0	15.2	-	-	-	-	40
48	7.5	24.0	7.5	22.4	6.1	20.2	5.8	18.8	4.3	17.4	3.6	14.7	-	12.9	-	11.8	48
56	5.5	19.9	5.7	19.5	4.4	18.0	3.7	16.9	2.4	15.9	-	14.2	-	12.6	-	11.4	56
64	4.0	16.9	4.1	16.2	2.8	16.0	2.3	14.9	-	14.0	-	13.2	-	12.0	-	11.1	64
72	2.9	14.2	2.9	13.7	1.6	13.7	-	12.8	-	12.4	-	11.7	-	11.3	-	10.6	72
80	-	12.0	-	11.8	-	11.4	-	11.0	-	10.2	-	9.6	-	9.4	-	9.4	80
88	-	10.3	-	9.9	-	9.5	-	9.4	-	8.3	-	7.8	-	7.8	-	7.8	88
96	-	8.8	-	8.3	-	7.9	-	7.9	-	6.7	-	6.4	-	6.2	-	6.4	96
104	-	7.4	-	7.2	-	6.6	-	6.6	-	5.2	-	5.0	-	5.2	-	5.2	104
112	-	6.3	-	6.3	-	5.5	-	5.5	-	4.1	-	3.9	-	4.1	-	4.1	112
120	-	5.3	-	5.5	-	4.4	-	4.4	-	3.3	-	3.1	-	3.1	-	3.1	120
128	-	-	-	4.7	-	3.6	-	3.6	-	2.5	-	2.2	-	2.3	-	2.4	128
136	-	-	-	-	-	3.0	-	3.0	-	1.9	-	-	-	-	-	-	136
144	-	-	-	-	-	2.2	-	2.4	-	-	-	-	-	-	-	-	144
1)	-	5.1	-	4.2	-	2.4	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

14,100 lbs	26.5 ft x 10.4 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	71.9	87.1	67.4	87.1	61.9	87.1	57.6	87.1	52.7	87.1	-	-	-	-	-	-	10
12	56.0	87.1	54.2	87.1	51.1	87.1	48.0	87.1	44.9	86.0	-	-	-	-	-	-	12
14	43.5	87.1	44.7	87.0	43.1	85.4	40.7	84.1	38.5	81.1	35.9	73.1	-	-	-	-	14
16	33.9	85.1	36.8	83.0	36.9	80.2	35.0	78.3	33.4	76.5	31.5	72.1	27.7	49.4	-	-	16
18	27.8	79.5	30.8	77.5	31.9	74.9	30.8	73.3	29.6	71.4	28.0	68.7	26.4	56.0	-	-	18
20	22.6	73.3	25.4	72.2	27.4	69.9	27.0	68.4	26.3	66.6	24.8	64.6	23.5	53.8	21.9	46.1	20
24	16.2	60.2	18.6	62.1	20.5	61.2	20.7	60.7	21.0	58.7	20.2	56.9	19.2	48.8	17.9	43.3	24
28	-	-	14.2	51.9	16.0	52.9	16.2	53.2	16.9	52.2	16.4	50.8	15.9	44.2	14.9	39.8	28
32	-	-	11.1	44.4	12.7	45.5	12.9	45.6	13.6	45.3	13.3	44.6	13.3	40.2	12.4	36.4	32
36	-	-	5.2	35.4	10.5	39.9	10.7	39.9	11.4	39.7	11.1	39.0	11.1	36.8	10.5	33.4	36
40	-	-	-	-	8.6	34.9	8.8	34.9	9.5	34.6	9.0	34.0	9.3	33.7	8.8	30.5	40
48	-	-	-	-	6.1	21.4	6.3	27.4	6.8	26.9	6.5	27.4	6.7	27.1	6.3	25.2	48
56	-	-	-	-	-	-	4.5	21.2	5.0	21.9	4.7	21.6	4.9	20.9	4.5	20.5	56
64	-	-	-	-	-	-	-	-	3.7	17.6	3.4	17.2	3.6	17.4	3.1	16.5	64
72	-	-	-	-	-	-	-	-	2.7	14.2	2.2	14.4	2.4	14.0	2.0	13.9	72
80	-	-	-	-	-	-	-	-	-	-	-	7.6	-	11.8	-	11.6	80
88	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0	-	9.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	-	8.1	96
104	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	6.8	104
1)	12.6	32.0	7.7	23.6	5.3	18.5	3.5	15.0	2.4	12.1	-	9.9	-	8.2	-	6.4	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	16.8	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	13.9	35.0	13.3	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	11.7	32.8	11.2	29.0	9.6	25.0	-	-	-	-	-	-	-	-	-	-	32
36	10.0	30.5	9.5	27.0	8.1	24.1	7.5	21.2	-	-	-	-	-	-	-	-	36
40	8.4	28.1	8.0	25.5	6.6	22.9	6.2	20.8	-	18.0	-	15.2	-	-	-	-	40
48	5.9	23.9	5.7	22.4	4.4	20.2	3.9	18.8	-	17.4	-	14.7	-	12.9	-	11.8	48
56	4.1	19.4	3.9	19.0	2.6	18.0	2.1	16.9	-	15.9	-	14.2	-	12.6	-	11.4	56
64	2.7	16.3	2.6	15.4	-	15.5	-	13.9	-	13.2	-	12.4	-	11.8	-	11.1	64
72	1.6	13.3	1.6	12.8	-	12.4	-	11.9	-	10.4	-	9.8	-	9.5	-	9.5	72
80	-	11.3	-	10.7	-	10.0	-	9.6	-	8.3	-	7.7	-	7.5	-	7.6	80
88	-	9.2	-	8.8	-	8.3	-	7.8	-	6.5	-	6.1	-	5.8	-	5.8	88
96	-	7.8	-	7.7	-	6.7	-	6.6	-	5.2	-	4.6	-	4.5	-	4.5	96
104	-	6.5	-	6.5	-	5.4	-	5.4	-	4.1	-	3.6	-	3.4	-	3.4	104
112	-	5.5	-	5.5	-	4.4	-	4.3	-	3.0	-	2.6	-	2.6	-	2.4	112
120	-	4.4	-	4.7	-	3.6	-	3.3	-	2.2	-	1.9	-	-	-	-	120
128	-	-	-	3.9	-	2.9	-	2.6	-	-	-	-	-	-	-	-	128
136	-	-	-	-	-	2.2	-	2.1	-	-	-	-	-	-	-	-	136
144	-	-	-	-	-	1.6	-	1.6	-	-	-	-	-	-	-	-	144
1)	-	4.6	-	3.5	-	1.8	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

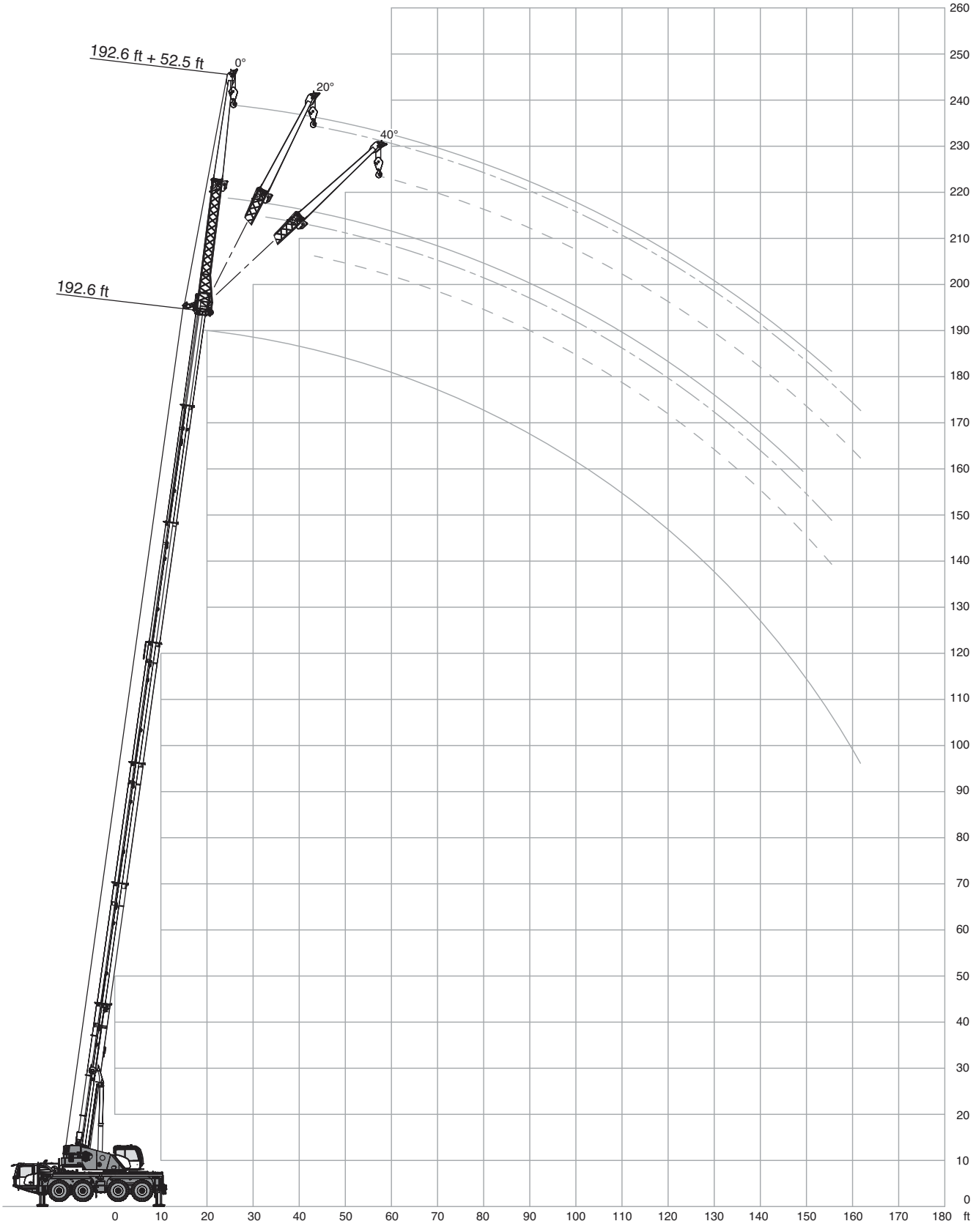
7,300 lbs	26.5 ft x 10.4 ft	360° / Max.*	ASME B30.5

	360° 35.8	Max. 35.8	360° 47.2	Max. 47.2	360° 58.7	Max. 58.7	360° 70.2	Max. 70.2	360° 81.7	Max. 81.7	360° 93.2	Max. 93.2	360° 104.7	Max. 104.7	360° 116.1	Max. 116.1	
ft	1,000 lbs																ft
10	59.7	87.1	56.6	87.1	52.8	87.1	48.7	87.1	45.0	87.1	-	-	-	-	-	-	10
12	46.1	87.1	45.1	87.1	43.1	87.1	40.3	87.1	37.7	86.0	-	-	-	-	-	-	12
14	35.5	87.1	37.1	87.0	36.0	85.4	34.0	84.1	32.3	81.1	30.1	73.1	-	-	-	-	14
16	27.4	85.1	30.4	83.0	30.6	80.2	29.3	78.3	27.9	76.5	26.1	72.1	22.7	49.4	-	-	16
18	22.3	78.9	25.2	77.5	26.4	74.9	25.7	73.3	24.7	71.4	23.1	68.7	21.8	56.0	-	-	18
20	17.8	71.8	20.7	72.0	22.6	69.8	22.3	68.4	21.7	66.6	20.4	64.6	19.3	53.8	17.8	46.1	20
24	12.4	58.1	15.0	59.8	16.7	60.2	17.0	60.1	17.3	58.6	16.4	56.9	15.6	48.8	14.4	43.3	24
28	-	-	11.2	49.8	12.9	51.1	13.1	51.3	13.8	50.9	13.3	49.8	12.8	44.2	11.7	39.8	28
32	-	-	8.6	42.9	10.2	43.7	10.4	43.7	11.1	43.5	10.6	42.8	10.6	40.2	9.6	36.4	32
36	-	-	-	32.7	8.3	38.3	8.5	38.4	9.1	38.0	8.7	37.2	8.7	35.8	8.1	32.6	36
40	-	-	-	-	6.6	33.1	6.9	33.4	7.3	32.9	7.1	32.2	7.3	32.1	6.7	28.7	40
48	-	-	-	-	4.4	17.4	4.7	24.1	5.1	24.6	4.9	24.5	5.1	23.6	4.6	22.9	48
56	-	-	-	-	-	-	3.2	19.0	3.6	18.9	3.4	18.5	3.6	18.6	2.9	17.8	56
64	-	-	-	-	-	-	-	-	2.4	14.9	2.0	15.0	2.3	14.6	-	14.5	64
72	-	-	-	-	-	-	-	-	-	12.4	-	12.2	-	12.2	-	11.5	72
80	-	-	-	-	-	-	-	-	-	-	-	5.3	-	9.8	-	9.2	80
88	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	7.7	88
96	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	-	6.4	96
104	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	5.2	104
1)	9.3	32.0	5.5	23.6	3.7	18.5	2.2	15.0	-	11.9	-	8.8	-	6.6	-	4.9	1)

	360° 127.6	Max. 127.6	360° 139.1	Max. 139.1	360° 150.6	Max. 150.6	360° 162.1	Max. 162.1	360° 173.6	Max. 173.6	360° 182.1	Max. 182.1	360° 190.3	Max. 190.3	360° 196.9	Max. 196.9	
ft	1,000 lbs																ft
24	13.4	36.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	11.0	35.0	10.5	30.4	-	-	-	-	-	-	-	-	-	-	-	-	28
32	9.0	32.8	8.5	29.0	7.2	25.0	-	-	-	-	-	-	-	-	-	-	32
36	7.4	30.5	7.1	27.0	5.8	24.1	5.1	21.2	-	-	-	-	-	-	-	-	36
40	6.0	27.8	5.8	25.4	4.5	22.7	3.8	20.8	-	18.0	-	15.2	-	-	-	-	40
48	4.0	21.6	3.8	20.9	-	19.9	-	18.2	-	16.9	-	14.7	-	12.9	-	11.8	48
56	2.4	17.8	2.3	17.0	-	16.2	-	14.7	-	13.7	-	12.8	-	11.8	-	11.3	56
64	-	13.9	-	13.3	-	12.6	-	11.7	-	10.1	-	9.5	-	9.2	-	9.2	64
72	-	11.1	-	11.1	-	9.8	-	9.3	-	7.8	-	7.1	-	6.9	-	6.9	72
80	-	9.0	-	9.0	-	7.9	-	7.2	-	5.9	-	5.3	-	5.1	-	5.1	80
88	-	7.2	-	7.4	-	6.3	-	5.9	-	4.4	-	3.8	-	3.7	-	3.7	88
96	-	5.9	-	5.9	-	4.8	-	4.6	-	3.3	-	2.8	-	2.5	-	2.5	96
104	-	4.8	-	4.9	-	3.7	-	3.6	-	2.3	-	1.9	-	1.6	-	1.6	104
112	-	3.9	-	3.9	-	2.8	-	2.8	-	-	-	-	-	-	-	-	112
120	-	3.1	-	3.2	-	2.2	-	2.0	-	-	-	-	-	-	-	-	120
128	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	128
1)	-	3.3	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions


192.6 ft + 52.5 ft
0°
20°
40°
192.6 ft
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
ft

39,000 lbs	26.5 ft x 21.3 ft	27.9 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°*	40°*	
ft	1,000 lbs												ft
10	29.5	-	-	-	-	-	-	-	-	-	-	-	10
12	29.5	-	-	-	-	-	-	-	-	-	-	-	12
14	29.5	-	-	-	-	-	-	-	-	-	-	-	14
16	29.5	22.2	-	-	-	-	-	-	-	-	-	-	16
18	28.4	21.3	-	-	-	-	-	-	-	-	-	-	18
20	26.9	20.4	-	29.5	-	-	-	-	-	-	-	-	20
24	24.1	19.1	16.1	29.3	-	-	-	-	-	-	-	-	24
28	22.1	17.8	15.4	28.3	-	-	-	-	-	-	-	-	28
32	20.1	16.8	14.9	27.1	20.0	-	-	-	-	-	-	-	32
36	18.3	15.9	14.6	25.9	19.3	-	-	-	-	-	-	-	36
40	16.7	15.1	14.3	24.7	18.7	15.4	-	-	-	-	-	-	40
48	13.9	14.3	-	22.6	17.6	14.9	10.1	-	-	-	-	-	48
56	-	-	-	20.1	16.6	14.4	10.1	-	-	6.6	-	-	56
64	-	-	-	16.6	15.8	14.2	10.1	10.1	-	6.6	-	-	64
72	-	-	-	13.7	14.4	13.9	10.1	10.1	-	6.6	7.3	-	72
80	-	-	-	11.8	12.0	12.4	9.6	10.0	10.1	6.6	7.2	7.3	80
88	-	-	-	10.0	10.1	10.4	7.8	8.6	9.3	6.4	7.0	7.2	88
96	-	-	-	8.7	8.9	9.0	6.4	7.0	7.7	5.5	6.4	6.9	96
104	-	-	-	7.8	7.8	7.8	5.0	5.7	6.2	4.3	5.2	5.9	104
112	-	-	-	6.8	7.0	-	3.9	4.6	5.0	3.3	4.1	4.8	112
120	-	-	-	4.1	4.1	-	3.1	3.6	3.9	2.5	3.3	3.8	120
128	-	-	-	3.7	-	-	2.2	2.8	3.0	-	2.5	3.0	128
136	-	-	-	-	-	-	-	1.9	2.2	-	1.9	2.2	136

20,500 lbs	26.5 ft x 21.3 ft	27.9 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°*	40°*	
ft	1,000 lbs												ft
10	29.5	-	-	-	-	-	-	-	-	-	-	-	10
12	29.5	-	-	-	-	-	-	-	-	-	-	-	12
14	29.5	-	-	-	-	-	-	-	-	-	-	-	14
16	29.5	22.2	-	-	-	-	-	-	-	-	-	-	16
18	28.4	21.3	-	-	-	-	-	-	-	-	-	-	18
20	26.9	20.4	-	29.5	-	-	-	-	-	-	-	-	20
24	24.1	19.1	16.1	29.3	-	-	-	-	-	-	-	-	24
28	22.1	17.8	15.4	28.3	-	-	-	-	-	-	-	-	28
32	20.1	16.8	14.9	27.1	20.0	-	-	-	-	-	-	-	32
36	18.3	15.9	14.6	25.8	19.3	-	-	-	-	-	-	-	36
40	16.7	15.1	14.3	24.2	18.7	15.4	-	-	-	-	-	-	40
48	13.9	14.3	-	19.0	17.6	14.9	10.1	-	-	-	-	-	48
56	-	-	-	15.3	15.5	14.4	10.1	-	-	6.6	-	-	56
64	-	-	-	12.5	12.9	13.2	8.5	9.5	-	6.6	-	-	64
72	-	-	-	10.4	10.6	11.1	6.4	7.5	-	5.3	6.8	-	72
80	-	-	-	8.8	9.0	9.2	4.6	5.7	6.6	3.8	5.1	5.9	80
88	-	-	-	7.3	7.7	7.9	3.4	4.2	5.0	2.5	3.7	4.4	88
96	-	-	-	5.9	6.4	6.6	2.3	3.0	3.6	-	2.5	3.2	96
104	-	-	-	4.9	5.2	5.2	-	2.1	2.6	-	1.6	2.3	104
112	-	-	-	3.9	4.1	-	-	-	-	-	-	-	112
120	-	-	-	3.2	3.4	-	-	-	-	-	-	-	120
128	-	-	-	2.6	-	-	-	-	-	-	-	-	128



* 192.6 ft

14,100 lbs	26.5 ft x 21.3 ft	27.9 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°*	40°*	
ft	1,000 lbs												ft
10	29.5	-	-	-	-	-	-	-	-	-	-	-	10
12	29.5	-	-	-	-	-	-	-	-	-	-	-	12
14	29.5	-	-	-	-	-	-	-	-	-	-	-	14
16	29.5	22.2	-	-	-	-	-	-	-	-	-	-	16
18	28.4	21.3	-	-	-	-	-	-	-	-	-	-	18
20	26.9	20.4	-	29.5	-	-	-	-	-	-	-	-	20
24	24.1	19.1	16.1	29.3	-	-	-	-	-	-	-	-	24
28	22.1	17.8	15.4	28.3	-	-	-	-	-	-	-	-	28
32	20.1	16.8	14.9	27.1	20.0	-	-	-	-	-	-	-	32
36	18.3	15.9	14.6	24.2	19.3	-	-	-	-	-	-	-	36
40	16.7	15.1	14.3	21.9	18.7	15.4	-	-	-	-	-	-	40
48	13.9	14.3	-	17.3	17.0	14.9	10.1	-	-	-	-	-	48
56	-	-	-	13.7	14.3	14.0	9.0	-	-	6.6	-	-	56
64	-	-	-	11.3	11.5	12.0	6.4	7.8	-	5.3	-	-	64
72	-	-	-	9.1	9.5	9.9	4.5	5.6	-	3.6	4.9	-	72
80	-	-	-	7.2	7.9	8.1	3.1	4.0	4.9	-	3.5	4.4	80
88	-	-	-	5.8	6.4	6.6	-	2.7	3.5	-	2.3	2.9	88
96	-	-	-	4.7	5.2	5.4	-	-	2.3	-	-	1.9	96
104	-	-	-	3.8	4.1	4.3	-	-	-	-	-	-	104
112	-	-	-	3.0	3.3	-	-	-	-	-	-	-	112
120	-	-	-	2.3	2.5	-	-	-	-	-	-	-	120

7,300 lbs	26.5 ft x 21.3 ft	27.9 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°*	40°*	
ft	1,000 lbs												ft
10	29.5	-	-	-	-	-	-	-	-	-	-	-	10
12	29.5	-	-	-	-	-	-	-	-	-	-	-	12
14	29.5	-	-	-	-	-	-	-	-	-	-	-	14
16	29.5	22.2	-	-	-	-	-	-	-	-	-	-	16
18	28.4	21.3	-	-	-	-	-	-	-	-	-	-	18
20	26.9	20.4	-	29.5	-	-	-	-	-	-	-	-	20
24	24.1	19.1	16.1	29.3	-	-	-	-	-	-	-	-	24
28	22.1	17.8	15.4	27.8	-	-	-	-	-	-	-	-	28
32	20.1	16.8	14.9	24.7	20.0	-	-	-	-	-	-	-	32
36	18.3	15.9	14.6	21.8	19.3	-	-	-	-	-	-	-	36
40	16.7	15.1	14.3	19.2	18.4	15.4	-	-	-	-	-	-	40
48	13.9	14.0	-	15.3	15.8	14.6	9.3	-	-	-	-	-	48
56	-	-	-	11.9	12.4	12.9	6.3	-	-	5.1	-	-	56
64	-	-	-	9.3	10.0	10.4	4.1	5.5	-	3.0	-	-	64
72	-	-	-	7.1	8.0	8.4	2.5	3.6	-	-	2.9	-	72
80	-	-	-	5.6	6.2	6.6	-	-	3.1	-	-	2.5	80
88	-	-	-	4.4	4.8	5.1	-	-	-	-	-	-	88
96	-	-	-	3.3	3.8	4.1	-	-	-	-	-	-	96
104	-	-	-	2.5	2.8	3.0	-	-	-	-	-	-	104
112	-	-	-	-	2.2	-	-	-	-	-	-	-	112



* 192.6 ft

39,000 lbs	26.5 ft x 21.3 ft	52.5 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			192.6 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	1,000 lbs												ft
10	18.7	-	-	-	-	-	-	-	-	-	-	-	10
12	18.2	-	-	-	-	-	-	-	-	-	-	-	12
14	18.0	-	-	-	-	-	-	-	-	-	-	-	14
16	17.5	-	-	-	-	-	-	-	-	-	-	-	16
18	16.6	-	-	-	-	-	-	-	-	-	-	-	18
20	15.5	-	-	-	-	-	-	-	-	-	-	-	20
24	13.8	-	-	13.2	-	-	-	-	-	-	-	-	24
28	12.4	9.6	-	13.0	-	-	-	-	-	-	-	-	28
32	11.2	8.9	-	12.8	-	-	-	-	-	-	-	-	32
36	10.4	8.4	-	12.6	-	-	-	-	-	-	-	-	36
40	9.6	7.9	6.8	12.3	-	-	-	-	-	-	-	-	40
48	8.3	7.1	6.3	11.6	8.5	-	6.4	-	-	-	-	-	48
56	7.4	6.4	5.8	10.7	7.9	-	6.4	-	-	4.4	-	-	56
64	6.6	6.0	5.6	9.9	7.6	6.0	6.4	-	-	4.4	-	-	64
72	6.0	5.7	5.5	9.1	7.1	6.0	6.4	-	-	4.4	-	-	72
80	-	-	-	8.5	6.7	5.7	6.4	6.2	-	4.4	-	-	80
88	-	-	-	7.8	6.3	5.6	6.4	6.1	5.3	4.4	-	-	88
96	-	-	-	7.2	6.0	5.5	5.8	5.8	5.2	4.4	-	-	96
104	-	-	-	6.7	5.8	5.3	4.8	5.7	5.1	4.2	-	-	104
112	-	-	-	6.1	5.7	5.3	3.7	5.0	5.1	3.3	-	-	112
120	-	-	-	5.6	5.4	5.3	2.9	4.0	4.8	2.5	-	-	120
128	-	-	-	5.0	5.2	4.2	2.2	3.2	3.9	-	-	-	128
136	-	-	-	4.5	4.7	-	-	2.4	3.0	-	-	-	136
144	-	-	-	4.0	2.2	-	-	1.8	2.2	-	-	-	144
152	-	-	-	2.2	-	-	-	-	-	-	-	-	152

20,500 lbs	26.5 ft x 21.3 ft	52.5 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			192.6 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	1,000 lbs												ft
10	18.7	-	-	-	-	-	-	-	-	-	-	-	10
12	18.2	-	-	-	-	-	-	-	-	-	-	-	12
14	18.0	-	-	-	-	-	-	-	-	-	-	-	14
16	17.5	-	-	-	-	-	-	-	-	-	-	-	16
18	16.6	-	-	-	-	-	-	-	-	-	-	-	18
20	15.5	-	-	-	-	-	-	-	-	-	-	-	20
24	13.8	-	-	13.2	-	-	-	-	-	-	-	-	24
28	12.4	9.6	-	13.0	-	-	-	-	-	-	-	-	28
32	11.2	8.9	-	12.8	-	-	-	-	-	-	-	-	32
36	10.4	8.4	-	12.6	-	-	-	-	-	-	-	-	36
40	9.6	7.9	6.8	12.3	-	-	-	-	-	-	-	-	40
48	8.3	7.1	6.3	11.6	8.5	-	6.4	-	-	-	-	-	48
56	7.4	6.4	5.8	10.7	7.9	-	6.4	-	-	4.4	-	-	56
64	6.6	6.0	5.6	9.9	7.6	6.0	6.4	-	-	4.4	-	-	64
72	6.0	5.7	5.5	9.1	7.1	6.0	6.0	-	-	4.4	-	-	72
80	-	-	-	8.0	6.7	5.7	4.4	6.0	-	3.6	-	-	80
88	-	-	-	7.2	6.3	5.6	3.1	4.6	5.3	2.5	-	-	88
96	-	-	-	6.3	6.0	5.5	2.0	3.4	4.7	-	-	-	96
104	-	-	-	5.2	5.7	5.3	-	2.3	3.5	-	-	-	104
112	-	-	-	4.2	4.8	5.2	-	-	2.6	-	-	-	112
120	-	-	-	3.6	4.0	4.2	-	-	-	-	-	-	120
128	-	-	-	2.9	3.2	-	-	-	-	-	-	-	128
136	-	-	-	2.3	2.5	-	-	-	-	-	-	-	136
144	-	-	-	1.8	-	-	-	-	-	-	-	-	144

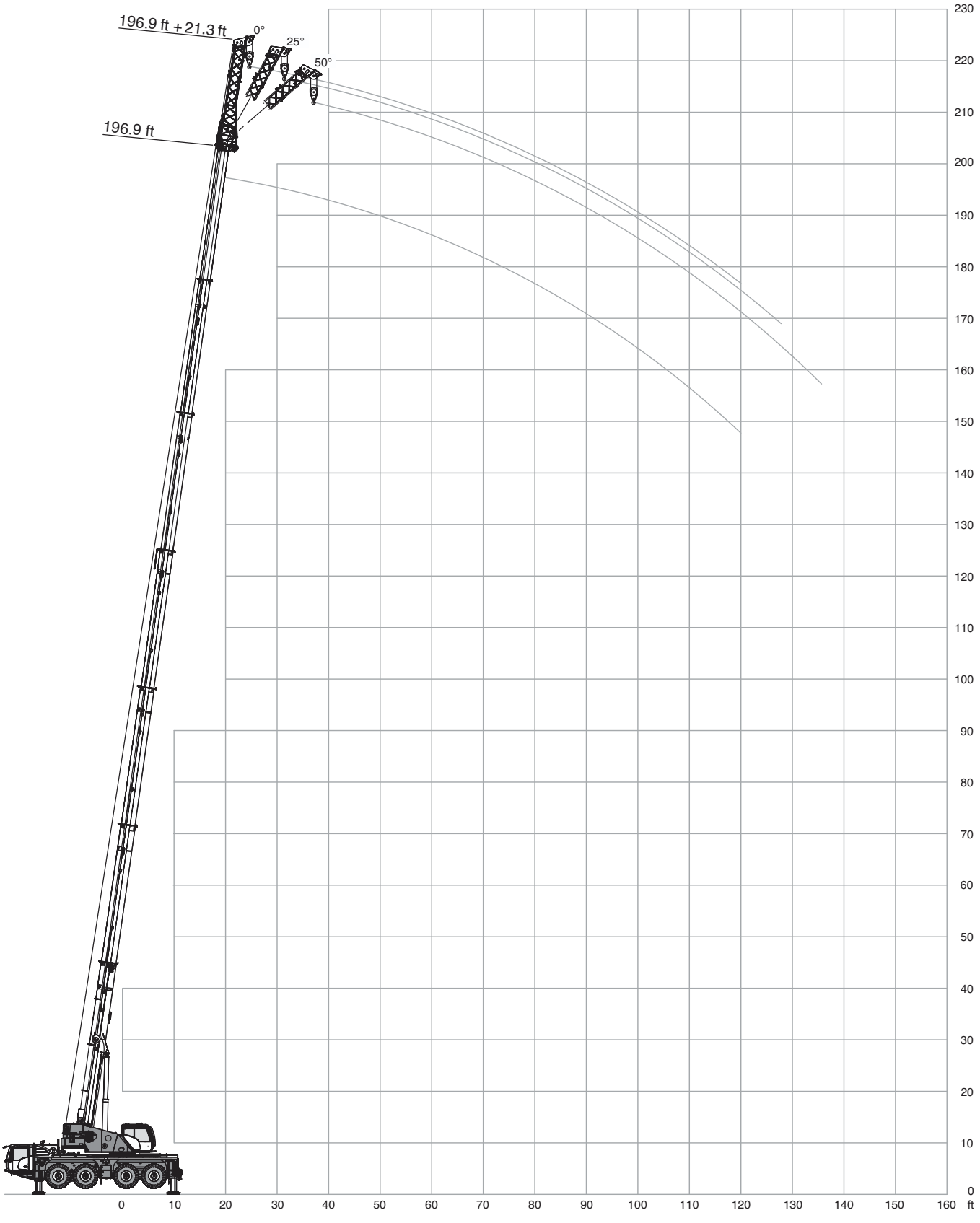
14,100 lbs	26.5 ft x 21.3 ft	52.5 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			192.6 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	1,000 lbs												ft
10	18.7	-	-	-	-	-	-	-	-	-	-	-	10
12	18.2	-	-	-	-	-	-	-	-	-	-	-	12
14	18.0	-	-	-	-	-	-	-	-	-	-	-	14
16	17.5	-	-	-	-	-	-	-	-	-	-	-	16
18	16.6	-	-	-	-	-	-	-	-	-	-	-	18
20	15.5	-	-	-	-	-	-	-	-	-	-	-	20
24	13.8	-	-	13.2	-	-	-	-	-	-	-	-	24
28	12.4	9.6	-	13.0	-	-	-	-	-	-	-	-	28
32	11.2	8.9	-	12.8	-	-	-	-	-	-	-	-	32
36	10.4	8.4	-	12.6	-	-	-	-	-	-	-	-	36
40	9.6	7.9	6.8	12.3	-	-	-	-	-	-	-	-	40
48	8.3	7.1	6.3	11.6	8.5	-	6.4	-	-	-	-	-	48
56	7.4	6.4	5.8	10.7	7.9	-	6.4	-	-	4.4	-	-	56
64	6.6	6.0	5.6	9.6	7.6	6.0	5.7	-	-	4.4	-	-	64
72	6.0	5.7	5.5	8.6	7.1	6.0	4.0	-	-	3.3	-	-	72
80	-	-	-	7.7	6.6	5.7	2.7	4.4	-	-	-	-	80
88	-	-	-	6.2	6.2	5.6	-	3.2	4.6	-	-	-	88
96	-	-	-	5.0	5.7	5.4	-	2.1	3.4	-	-	-	96
104	-	-	-	4.1	4.8	5.1	-	-	2.3	-	-	-	104
112	-	-	-	3.3	3.7	4.1	-	-	-	-	-	-	112
120	-	-	-	2.5	3.0	3.3	-	-	-	-	-	-	120
128	-	-	-	2.0	2.3	-	-	-	-	-	-	-	128
136	-	-	-	-	1.7	-	-	-	-	-	-	-	136

7,300 lbs	26.5 ft x 21.3 ft	52.5 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			192.6 ft			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft	1,000 lbs												ft
10	18.7	-	-	-	-	-	-	-	-	-	-	-	10
12	18.2	-	-	-	-	-	-	-	-	-	-	-	12
14	18.0	-	-	-	-	-	-	-	-	-	-	-	14
16	17.5	-	-	-	-	-	-	-	-	-	-	-	16
18	16.6	-	-	-	-	-	-	-	-	-	-	-	18
20	15.5	-	-	-	-	-	-	-	-	-	-	-	20
24	13.8	-	-	13.2	-	-	-	-	-	-	-	-	24
28	12.4	9.6	-	13.0	-	-	-	-	-	-	-	-	28
32	11.2	8.9	-	12.8	-	-	-	-	-	-	-	-	32
36	10.4	8.4	-	12.6	-	-	-	-	-	-	-	-	36
40	9.6	7.9	6.8	12.3	-	-	-	-	-	-	-	-	40
48	8.3	7.1	6.3	11.6	8.5	-	6.4	-	-	-	-	-	48
56	7.4	6.4	5.8	10.2	7.9	-	5.6	-	-	4.1	-	-	56
64	6.6	6.0	5.6	9.0	7.6	6.0	3.7	-	-	2.8	-	-	64
72	6.0	5.7	5.5	7.5	7.1	6.0	2.0	-	-	-	-	-	72
80	-	-	-	6.0	6.4	5.7	-	2.7	-	-	-	-	80
88	-	-	-	4.7	5.6	5.5	-	-	2.9	-	-	-	88
96	-	-	-	3.6	4.5	5.0	-	-	1.9	-	-	-	96
104	-	-	-	2.7	3.4	4.1	-	-	-	-	-	-	104
112	-	-	-	2.2	2.6	3.0	-	-	-	-	-	-	112
120	-	-	-	-	2.0	2.2	-	-	-	-	-	-	120

Notes


196.9 ft + 21.3 ft
196.9 ft
0°
25°
50°
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
ft

Operation

HAV

39,000 lbs | 26.5 ft x 21.3 ft | 21.3 ft | 360° | ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft	1,000 lbs												ft
10	52.1	-	-	-	-	-	-	-	-	-	-	-	10
12	47.8	-	-	-	-	-	-	-	-	-	-	-	12
14	43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16	40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18	36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20	33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24	28.9	26.3	15.4	35.8	-	-	-	-	-	-	-	-	24
28	25.1	24.4	14.9	35.1	-	-	-	-	-	-	-	-	28
32	22.1	22.8	14.4	33.5	25.0	-	-	-	-	-	-	-	32
36	20.0	21.5	-	31.2	23.8	15.7	-	-	-	-	-	-	36
40	18.0	-	-	29.0	22.8	15.4	11.5	-	-	-	-	-	40
48	-	-	-	24.8	21.2	14.9	11.5	-	-	7.5	-	-	48
56	-	-	-	20.5	19.5	14.7	11.5	11.5	-	7.5	-	-	56
64	-	-	-	16.5	17.0	14.4	11.5	11.5	-	7.5	8.2	-	64
72	-	-	-	14.1	13.9	14.1	11.5	11.5	11.5	7.5	8.2	8.2	72
80	-	-	-	11.8	11.9	11.9	9.4	10.3	10.9	7.5	8.1	8.2	80
88	-	-	-	10.0	10.3	6.8	7.6	8.4	8.8	6.7	7.6	8.0	88
96	-	-	-	8.8	8.8	-	6.1	6.8	7.1	5.3	6.4	6.9	96
104	-	-	-	7.7	7.8	-	4.8	5.5	5.7	4.1	5.0	5.5	104
112	-	-	-	4.8	4.8	-	3.7	4.1	4.6	3.0	3.9	4.3	112
120	-	-	-	4.3	-	-	2.7	3.1	3.5	2.2	3.1	3.3	120
128	-	-	-	-	-	-	1.9	2.3	2.5	-	2.3	2.5	128
136	-	-	-	-	-	-	-	-	1.7	-	-	1.7	136



* 192.6 ft

Operation

20,500 lbs | **26.5 ft x 21.3 ft** | **21.3 ft** | **360°** | **ASME B30.5**

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft	1,000 lbs												ft
10	52.1	-	-	-	-	-	-	-	-	-	-	-	10
12	47.8	-	-	-	-	-	-	-	-	-	-	-	12
14	43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16	40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18	36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20	33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24	28.9	26.3	15.4	35.8	-	-	-	-	-	-	-	-	24
28	25.1	24.4	14.9	35.1	-	-	-	-	-	-	-	-	28
32	22.1	22.8	14.4	32.7	25.0	-	-	-	-	-	-	-	32
36	20.0	21.5	-	28.5	23.8	15.7	-	-	-	-	-	-	36
40	18.0	-	-	24.9	22.7	15.4	11.5	-	-	-	-	-	40
48	-	-	-	19.0	19.9	14.9	11.5	-	-	7.5	-	-	48
56	-	-	-	15.1	15.7	14.4	10.6	11.3	-	7.5	-	-	56
64	-	-	-	12.4	12.8	13.1	8.4	9.6	-	7.0	8.2	-	64
72	-	-	-	10.4	10.6	11.0	6.2	7.3	8.0	5.1	6.7	7.5	72
80	-	-	-	8.6	9.0	9.2	4.4	5.5	6.1	3.5	4.9	5.7	80
88	-	-	-	7.0	7.4	6.8	3.2	4.0	4.6	2.3	3.5	4.2	88
96	-	-	-	5.7	6.1	-	2.1	2.8	3.3	-	2.3	3.0	96
104	-	-	-	4.7	5.0	-	-	1.9	2.3	-	-	1.9	104
112	-	-	-	3.9	3.9	-	-	-	-	-	-	-	112
120	-	-	-	3.2	-	-	-	-	-	-	-	-	120

14,100 lbs | **26.5 ft x 21.3 ft** | **21.3 ft** | **360°** | **ASME B30.5**

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft	1,000 lbs												ft
10	52.1	-	-	-	-	-	-	-	-	-	-	-	10
12	47.8	-	-	-	-	-	-	-	-	-	-	-	12
14	43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16	40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18	36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20	33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24	28.9	26.3	15.4	35.8	-	-	-	-	-	-	-	-	24
28	25.1	24.4	14.9	33.7	-	-	-	-	-	-	-	-	28
32	22.1	22.8	14.4	29.2	25.0	-	-	-	-	-	-	-	32
36	20.0	21.5	-	25.2	23.6	15.7	-	-	-	-	-	-	36
40	18.0	-	-	22.3	22.3	15.4	11.5	-	-	-	-	-	40
48	-	-	-	17.3	18.2	14.9	11.0	-	-	7.5	-	-	48
56	-	-	-	13.7	14.2	13.8	8.8	10.2	-	7.0	-	-	56
64	-	-	-	11.1	11.5	11.7	6.2	7.5	-	5.1	6.8	-	64
72	-	-	-	8.9	9.3	9.7	4.2	5.3	6.2	3.3	4.7	5.6	72
80	-	-	-	7.0	7.5	7.7	2.9	3.8	4.4	-	3.3	4.0	80
88	-	-	-	5.6	6.0	6.3	-	2.5	3.1	-	-	2.6	88
96	-	-	-	4.5	4.8	-	-	-	1.9	-	-	-	96
104	-	-	-	3.6	3.8	-	-	-	-	-	-	-	104
112	-	-	-	2.8	3.0	-	-	-	-	-	-	-	112
120	-	-	-	2.1	-	-	-	-	-	-	-	-	120

*** 192.6 ft**

Operation

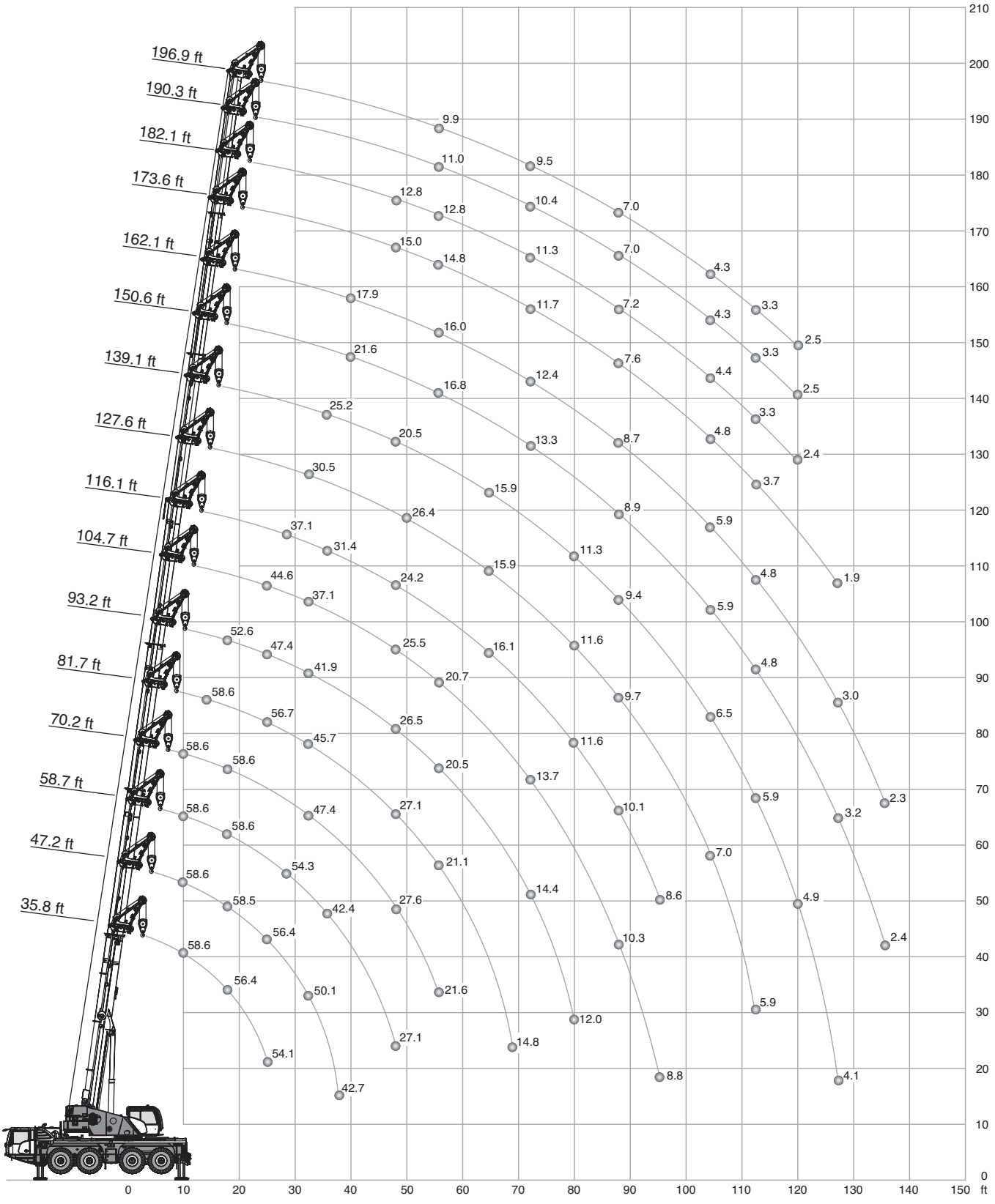
HAV

7,300 lbs	26.5 ft x 21.3 ft	21.3 ft	360°	ASME B30.5

	35.8 ft			104.7 ft			173.6 ft			196.9 ft			
	0°	25°	50°	0°	25°	50°	0°	25°	50°	0°	25°*	50°*	
ft	1,000 lbs												ft
10	52.1	-	-	-	-	-	-	-	-	-	-	-	10
12	47.8	-	-	-	-	-	-	-	-	-	-	-	12
14	43.8	32.7	-	-	-	-	-	-	-	-	-	-	14
16	40.0	31.5	-	-	-	-	-	-	-	-	-	-	16
18	36.6	30.2	-	-	-	-	-	-	-	-	-	-	18
20	33.4	28.9	16.3	35.9	-	-	-	-	-	-	-	-	20
24	28.9	26.3	15.4	34.7	-	-	-	-	-	-	-	-	24
28	25.1	24.4	14.9	29.9	-	-	-	-	-	-	-	-	28
32	22.1	22.8	14.4	25.6	25.0	-	-	-	-	-	-	-	32
36	20.0	21.5	-	22.1	22.3	15.7	-	-	-	-	-	-	36
40	18.0	-	-	19.4	20.3	15.4	11.3	-	-	-	-	-	40
48	-	-	-	15.4	15.8	14.5	9.1	-	-	7.0	-	-	48
56	-	-	-	11.7	12.5	12.6	6.1	7.6	-	4.9	-	-	56
64	-	-	-	9.1	9.7	10.0	3.9	5.1	-	2.8	4.4	-	64
72	-	-	-	6.9	7.5	8.0	2.2	3.3	4.2	-	2.7	3.6	72
80	-	-	-	5.3	6.0	6.2	-	-	2.7	-	-	-	80
88	-	-	-	4.1	4.6	4.8	-	-	-	-	-	-	88
96	-	-	-	3.2	3.4	-	-	-	-	-	-	-	96
104	-	-	-	2.3	2.5	-	-	-	-	-	-	-	104



*** 192.6 ft**


196.9 ft
190.3 ft
182.1 ft
173.6 ft
162.1 ft
150.6 ft
139.1 ft
127.6 ft
116.1 ft
104.7 ft
93.2 ft
81.7 ft
70.2 ft
58.7 ft
47.2 ft
35.8 ft
9.9
9.5
11.0
12.8
10.4
7.0
12.8
15.0
14.8
11.3
7.0
4.3
17.9
11.7
7.2
4.3
3.3
2.5
16.0
21.6
7.6
3.3
12.4
4.4
2.5
16.8
25.2
3.3
20.5
13.3
8.7
4.8
2.4
30.5
15.9
3.7
26.4
8.9
37.1
5.9
31.4
11.3
15.9
4.8
1.9
44.6
24.2
37.1
9.4
5.9
52.6
47.4
25.5
16.1
11.6
41.9
20.7
4.8
58.6
9.7
3.0
56.7
26.5
6.5
45.7
11.6
58.6
58.6
20.5
13.7
5.9
2.3
58.6
47.4
27.1
10.1
3.2
58.6
7.0
21.1
54.3
14.4
8.6
58.6
58.5
42.4
27.6
4.9
56.4
10.3
2.4
58.6
56.4
50.1
21.6
5.9
12.0
27.1
14.8
54.1
8.8
4.1
42.7
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
ft
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

Operation

MS

39,000 lbs	26.5 ft x 21.3 ft	20°	360°	ASME B30.5

	(ft)																
	35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	
ft	1,000 lbs																ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12
14	58.5	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	14
16	57.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	16
18	56.4	58.5	58.6	58.6	58.6	52.6	-	-	-	-	-	-	-	-	-	-	18
20	55.2	58.3	58.6	58.6	58.6	50.7	-	-	-	-	-	-	-	-	-	-	20
24	54.1	56.4	57.9	57.5	56.7	47.4	44.6	-	-	-	-	-	-	-	-	-	24
28	53.0	54.4	54.3	52.4	50.6	44.5	40.7	37.1	-	-	-	-	-	-	-	-	28
32	43.8	50.1	49.0	47.4	45.7	41.9	37.1	34.1	30.5	-	-	-	-	-	-	-	32
36	-	42.7	42.4	41.5	40.2	39.0	33.9	31.4	28.4	25.2	-	-	-	-	-	-	36
40	-	31.7	35.6	35.4	35.5	35.6	30.9	28.7	26.4	23.5	21.6	17.9	-	-	-	-	40
48	-	-	27.1	27.6	27.1	26.5	25.5	24.2	22.9	20.5	19.2	17.5	15.0	12.8	-	-	48
56	-	-	16.8	21.6	21.1	20.5	20.7	19.7	19.4	18.0	16.8	16.0	14.8	12.8	11.0	9.9	56
64	-	-	-	17.3	16.9	17.4	16.9	16.1	15.9	15.9	15.1	14.3	13.6	12.5	10.9	9.8	64
72	-	-	-	-	14.8	14.4	13.7	13.9	13.7	13.1	13.3	12.4	11.7	11.3	10.4	9.5	72
80	-	-	-	-	-	12.0	12.2	11.6	11.6	11.3	10.9	10.2	9.6	9.0	8.7	8.7	80
88	-	-	-	-	-	6.7	10.3	10.1	9.7	9.4	8.9	8.7	7.6	7.2	7.0	7.0	88
96	-	-	-	-	-	-	8.8	8.6	8.3	7.8	7.3	7.2	6.0	5.7	5.5	5.5	96
104	-	-	-	-	-	-	6.0	7.4	7.0	6.5	5.9	5.9	4.8	4.4	4.3	4.3	104
112	-	-	-	-	-	-	-	-	5.9	5.9	4.8	4.8	3.7	3.3	3.3	3.3	112
120	-	-	-	-	-	-	-	-	4.9	4.9	4.0	3.8	2.7	2.4	2.5	2.5	120
128	-	-	-	-	-	-	-	-	4.1	4.1	3.2	3.0	1.9	-	-	-	128
136	-	-	-	-	-	-	-	-	-	3.4	2.4	2.3	-	-	-	-	136
144	-	-	-	-	-	-	-	-	-	-	1.8	1.8	-	-	-	-	144
1)	26.7	20.3	15.9	13.0	10.4	8.6	6.8	5.3	4.2	3.1	1.5	-	-	-	-	-	1)

1) Capacities with horizontal boom

39,000 lbs	26.5 ft x 21.3 ft	0°	360°	ASME B30.5

ft	(ft) 35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft
	1,000 lbs																
16	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
18	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18
20	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
24	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	54.8	55.9	54.4	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	42.7	49.9	49.1	47.5	-	-	-	-	-	-	-	-	-	-	-	-	32
36	-	42.5	42.3	41.4	-	-	-	-	-	-	-	-	-	-	-	-	36
40	-	31.4	35.4	35.3	36.0	-	-	-	-	-	-	-	-	-	-	-	40
48	-	-	27.4	27.4	26.9	26.3	25.6	-	-	-	-	-	-	-	-	-	48
56	-	-	16.7	21.5	21.0	20.6	20.9	19.5	-	-	-	-	-	-	-	-	56
64	-	-	-	17.3	16.9	17.3	16.6	16.4	15.9	-	-	-	-	-	-	-	64
72	-	-	-	-	14.6	14.2	13.7	13.7	13.7	12.9	13.0	-	-	-	-	-	72
80	-	-	-	-	-	12.0	12.0	11.6	11.6	11.2	10.7	9.8	9.4	-	-	-	80
88	-	-	-	-	-	6.7	10.3	10.3	9.6	9.3	8.7	7.8	7.5	-	-	-	88
96	-	-	-	-	-	-	8.8	8.6	8.2	7.7	7.2	6.4	5.9	-	-	-	96
104	-	-	-	-	-	-	4.8	7.2	7.0	6.3	5.9	5.0	4.6	-	-	-	104
112	-	-	-	-	-	-	-	-	5.9	5.2	4.8	3.9	3.5	-	-	-	112
120	-	-	-	-	-	-	-	-	3.6	4.4	3.8	2.9	2.7	-	-	-	120
128	-	-	-	-	-	-	-	-	-	3.6	3.1	2.2	-	-	-	-	128
136	-	-	-	-	-	-	-	-	-	2.1	2.4	-	-	-	-	-	136
144	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	-	144
1)	26.7	20.3	15.9	13.0	10.4	8.6	6.8	5.3	4.2	2.6	1.5	-	-	-	-	-	1)

39,000 lbs	26.5 ft x 21.3 ft	-20°	360°	ASME B30.5

ft	(ft) 35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft
	1,000 lbs																
28	54.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	40.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32
36	-	42.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36
40	-	31.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
48	-	-	27.2	-	-	-	-	-	-	-	-	-	-	-	-	-	48
56	-	-	16.5	21.2	-	-	-	-	-	-	-	-	-	-	-	-	56
64	-	-	-	17.2	17.1	-	-	-	-	-	-	-	-	-	-	-	64
72	-	-	-	-	14.6	14.2	-	-	-	-	-	-	-	-	-	-	72
80	-	-	-	-	-	11.8	12.0	-	-	-	-	-	-	-	-	-	80
88	-	-	-	-	-	6.6	10.3	-	-	-	-	-	-	-	-	-	88
96	-	-	-	-	-	-	8.8	-	-	-	-	-	-	-	-	-	96
104	-	-	-	-	-	-	4.8	-	-	-	-	-	-	-	-	-	104
1)	26.7	20.3	15.9	13.0	10.4	8.6	6.8	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

20,500 lbs	26.5 ft x 21.3 ft	20°	360°	ASME B30.5

ft	(ft) 35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft
	1,000 lbs																
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12
14	58.5	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	14
16	57.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	16
18	56.4	58.5	58.6	58.6	58.6	52.6	-	-	-	-	-	-	-	-	-	-	18
20	55.2	58.3	58.6	58.6	58.6	50.7	-	-	-	-	-	-	-	-	-	-	20
24	53.6	55.9	57.1	56.3	54.6	47.4	44.6	-	-	-	-	-	-	-	-	-	24
28	46.6	48.5	48.7	46.9	44.0	42.7	39.9	37.1	-	-	-	-	-	-	-	-	28
32	36.2	37.8	38.2	37.7	38.2	36.0	33.9	32.4	30.3	-	-	-	-	-	-	-	32
36	-	31.1	31.5	32.5	32.2	30.5	29.5	27.9	27.0	24.2	-	-	-	-	-	-	36
40	-	21.7	26.7	26.9	26.5	26.1	26.1	24.6	23.4	22.7	20.5	17.7	-	-	-	-	40
48	-	-	19.8	19.8	20.3	20.0	19.3	19.3	18.8	18.4	17.6	15.8	14.3	12.6	-	-	48
56	-	-	10.1	15.9	15.8	15.3	15.5	15.3	15.1	14.7	13.8	13.0	11.5	10.7	10.1	9.6	56
64	-	-	-	12.5	12.5	12.7	12.4	12.3	11.8	11.6	10.7	10.1	8.7	8.0	7.6	7.6	64
72	-	-	-	-	10.4	10.2	10.2	9.8	9.5	9.5	8.4	7.8	6.4	5.8	5.6	5.3	72
80	-	-	-	-	-	8.3	8.3	7.9	7.5	7.5	6.4	6.0	4.6	4.2	3.8	3.8	80
88	-	-	-	-	-	2.7	6.8	6.4	5.9	5.9	4.8	4.6	3.3	2.7	2.5	2.5	88
96	-	-	-	-	-	-	5.6	5.0	4.7	4.7	3.6	3.6	2.2	-	-	-	96
104	-	-	-	-	-	-	4.5	4.1	3.7	3.7	2.6	2.6	-	-	-	-	104
112	-	-	-	-	-	-	-	-	2.8	2.8	-	-	-	-	-	-	112
120	-	-	-	-	-	-	-	-	2.1	2.1	-	-	-	-	-	-	120
1)	26.7	20.3	15.4	11.5	8.8	6.4	4.6	3.1	1.8	-	-	-	-	-	-	-	1)

14,100 lbs	26.5 ft x 21.3 ft	20°	360°	ASME B30.5

ft	(ft) 35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	ft
	1,000 lbs																
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12
14	58.5	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	14
16	57.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	16
18	56.4	58.5	58.6	58.6	58.6	52.6	-	-	-	-	-	-	-	-	-	-	18
20	55.2	58.3	58.6	58.3	57.9	50.7	-	-	-	-	-	-	-	-	-	-	20
24	51.7	53.9	55.2	51.8	48.1	46.1	43.5	-	-	-	-	-	-	-	-	-	24
28	41.0	42.8	43.0	41.4	40.6	38.0	35.8	34.1	-	-	-	-	-	-	-	-	28
32	31.4	33.2	33.9	34.6	33.7	31.6	30.0	29.0	27.5	-	-	-	-	-	-	-	32
36	-	27.1	28.7	28.7	28.1	27.2	26.5	24.9	24.1	22.7	-	-	-	-	-	-	36
40	-	18.4	23.5	23.5	23.3	23.7	22.8	22.5	21.8	21.0	19.7	16.8	-	-	-	-	40
48	-	-	17.0	17.9	17.8	17.5	17.7	17.6	17.1	15.9	14.9	14.1	12.3	11.7	-	-	48
56	-	-	7.7	13.7	13.7	13.9	13.7	13.5	13.0	12.7	11.4	10.7	9.1	8.4	8.0	8.0	56
64	-	-	-	10.7	11.0	10.9	10.7	10.5	10.0	10.0	8.6	8.0	6.4	5.8	5.5	5.5	64
72	-	-	-	-	8.9	8.6	8.6	8.0	7.8	7.8	6.4	6.0	4.5	3.8	3.6	3.6	72
80	-	-	-	-	-	6.8	6.8	6.4	6.0	6.0	4.9	4.4	2.9	2.4	-	-	80
88	-	-	-	-	-	-	5.5	4.9	4.6	4.6	3.5	3.2	-	-	-	-	88
96	-	-	-	-	-	-	4.3	3.9	3.4	3.4	2.4	2.2	-	-	-	-	96
104	-	-	-	-	-	-	3.4	3.0	2.5	2.5	-	-	-	-	-	-	104
1)	26.7	18.5	13.2	9.7	7.3	5.1	3.5	2.0	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

7,300 lbs	26.5 ft x 21.3 ft	20°	360°	ASME B30.5

	(ft)																
	35.8	47.2	58.7	70.2	81.7	93.2	104.7	116.1	127.6	139.1	150.6	162.1	173.6	182.1	190.3	196.9	
ft	1,000 lbs																ft
10	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	10
12	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	-	12
14	58.5	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	14
16	57.6	58.6	58.6	58.6	58.6	-	-	-	-	-	-	-	-	-	-	-	16
18	56.4	58.5	58.6	58.6	56.7	52.6	-	-	-	-	-	-	-	-	-	-	18
20	55.0	57.8	57.9	57.6	53.6	50.1	-	-	-	-	-	-	-	-	-	-	20
24	47.8	49.6	47.7	44.7	43.6	40.5	38.2	30.8	-	-	-	-	-	-	-	-	24
28	34.7	36.5	36.9	37.2	35.0	33.0	31.3	29.8	-	-	-	-	-	-	-	-	28
32	26.4	28.6	29.7	29.7	28.7	28.2	26.7	25.8	24.8	-	-	-	-	-	-	-	32
36	-	23.5	24.4	24.4	24.0	24.1	23.2	22.2	21.8	20.4	-	-	-	-	-	-	36
40	-	14.7	19.8	20.7	20.7	20.2	20.3	19.7	18.6	17.3	16.0	15.1	-	-	-	-	40
48	-	-	14.8	15.0	15.3	15.2	15.1	14.8	14.0	13.4	11.9	11.1	9.5	8.8	-	-	48
56	-	-	5.3	11.3	11.7	11.5	11.4	10.9	10.6	10.2	8.7	8.0	6.3	5.7	5.3	5.2	56
64	-	-	-	8.6	9.1	8.9	8.9	8.2	8.0	7.7	6.2	5.7	4.1	3.5	3.2	3.0	64
72	-	-	-	-	7.1	6.7	6.7	6.2	5.8	5.8	4.4	3.8	2.5	1.8	1.6	-	72
80	-	-	-	-	-	5.1	5.1	4.6	4.4	4.4	3.1	2.5	-	-	-	-	80
88	-	-	-	-	-	-	4.0	3.4	3.2	3.2	-	-	-	-	-	-	88
96	-	-	-	-	-	-	3.0	2.4	2.2	2.2	-	-	-	-	-	-	96
104	-	-	-	-	-	-	2.1	1.6	-	-	-	-	-	-	-	-	104
1)	24.3	15.4	10.8	7.7	5.5	3.7	2.4	-	-	-	-	-	-	-	-	-	1)

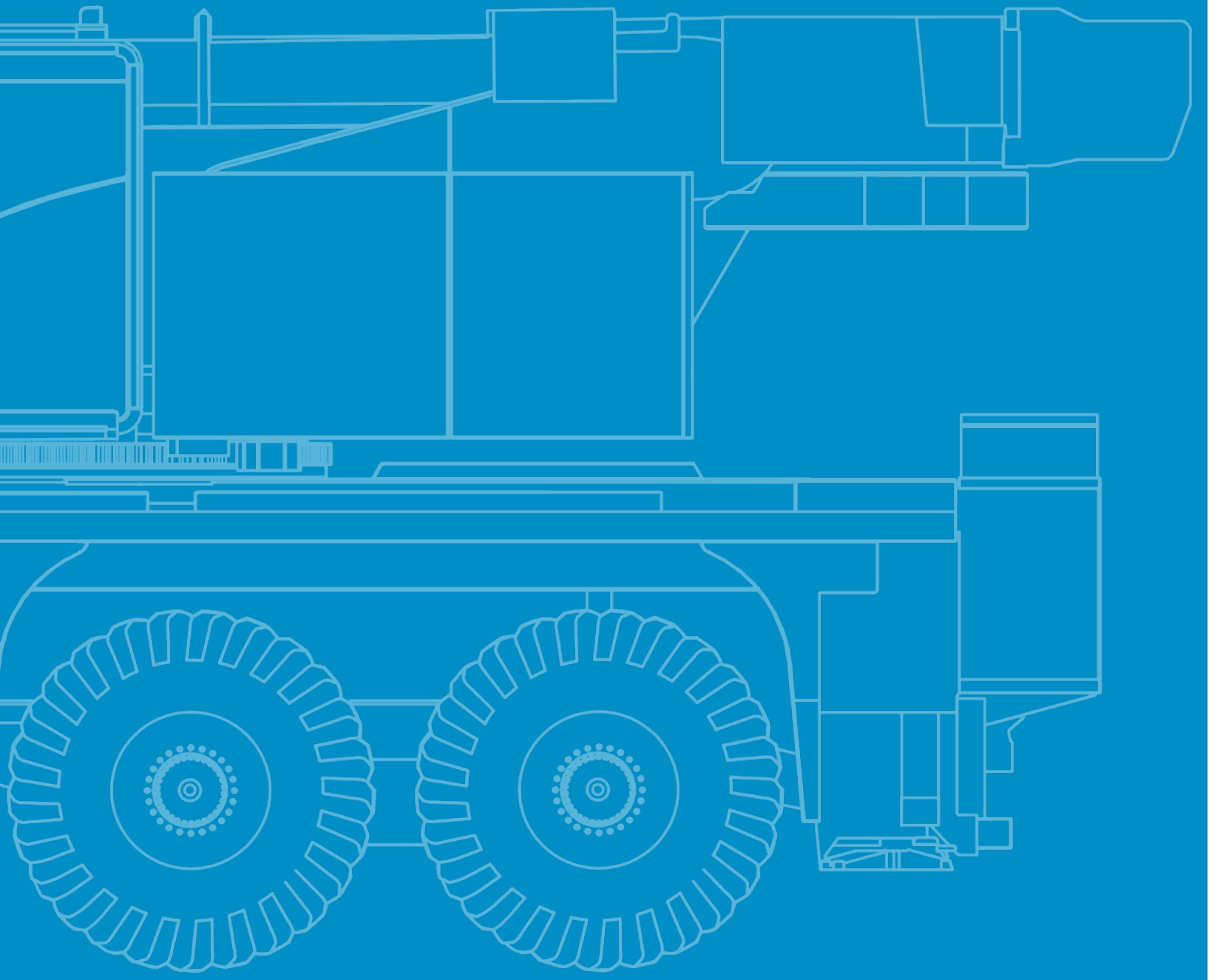
Notes to Lifting Capacity

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 340-5	Mercedes-Benz OM471; Diesel engine; 340 kW / 1600 1/min (462 HP), torque 2300 Nm / 1300 1/min; The engine complies with EU Stage V/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	92.5 gallons Diesel (no RME / biodiesel); 11 gallons Ad-Blue tank.
Transmission G230	Mercedes-Benz G230-12; Automated gearbox with 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
Axles 8 x 4 x 8	All 4 axles steered, axles 1 and 4 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.
Rear view camera	Display in carrier cab; Cameras installed on rear of vehicle.
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; 4 outrigger bases: 7.7 ft, 10.4 ft, 14.7 ft and 21.3 ft. 4 square outrigger pads A = 0.85 ft^2 with transport position at vertical cylinder.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
Outrigger load indicator	The outrigger load is indicated in the operator cab and the outrigger control box.
Electronic immobiliser system	Prevents uncontrolled carrier mobilisation; Incl. 5 ignition keys.
Pneumatic tire filling plug	For self-filling of the wheels.

Equipment superstructure

Telescopic boom HA60	35.8 - 196.9 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 3 sheaves integrated in boom head for max. capacity of 87,100 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 20,500 lbs	5 pieces; Automatic rigging system.
Control system	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
Operator aids	IC-1, with integrated electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger.
IC-1 Plus incl. Flex Base	Smart crane control system for main boom operation enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Flexible and independent outrigger positioning possible. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation.
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 340-3	Mercedes-Benz OM471; Diesel engine; 340 kW / 1600 1/min (462 HP), torque 2300 Nm / 1300 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 8 x 6 x 8	All 4 axles steered, axles 1 and 4 permanently driven, axle 3 shiftable, all axles equipped with selectable transverse lock.
Wear-free auxiliary brake	Wear-free auxiliary eddy-current brake at 4th axle.
Tires	8 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).
Tadano Surround View	360° view during road travelling; Speed dependent; Indication in display of carrier cabin. Usable as assistance system when entering jobsite with indication of outrigger positions and tailswing of counterweight.

Superstructure

2. hoist (H2)	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring.
Additional counterweight 18,500 lbs	1 piece; for total 39,000 lbs, 6 pieces.
Load supervision camera	Camera mounted on main boom head to supervise the hook block and load from above; Incl. boom head light on boom head.

Handling

Remote control	Control of superstructure movements via wireless remote control.
Moving out of crane cab	Control of carrier out of crane cab, enables machine moving when rigged, possible even under load.
E-Pack	Electro-hydraulic pump aggregate for emission free crane operation.

Extensions

HAV 21.3 ft	Lattice swing-away jib, manual offset 25°/50°; 2-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)	5.9 ft; Offsettable assembly jib; 2-sheaved for max. capacity 58,700 lbs; Incl. transport storage at boom head on left side, manual offset -20° / 0° / 20°.

Hook Blocks

Vario hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 660 lbs - 1,320 lbs; Adjustable ballast and double hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Vario hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 660 lbs - 1,320 lbs; Adjustable ballast and single hook, ariable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Hook block 110,200 lbs, 3-sheaves	Max. capacity 87,100 lbs; 1,320 lbs; Double hook, red with white signal stripes.
Hook block 44,100 lbs, 1-sheave	Max. capacity 44,200 lbs; 660 lbs; Single hook, red with white signal stripes.
Hook 17,600 lbs	Max. capacity 14,900 lbs; 380 lbs; Single hook, red.

Further additional equipment on request!

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

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