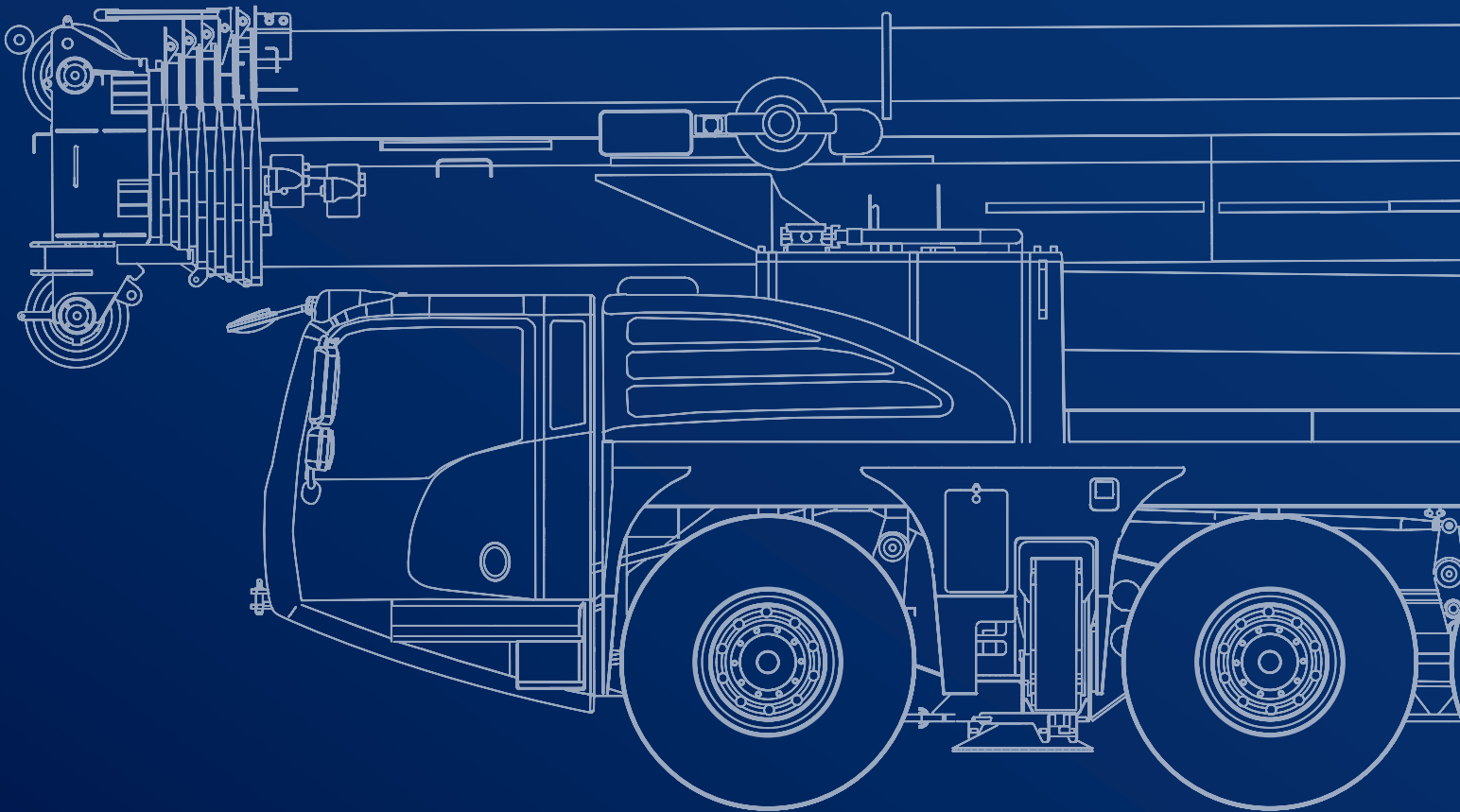


AC 5.250-1

300 US TON MAX. CRANE CAPACITY



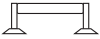
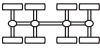
August 2022. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings in this brochure are for illustrative purposes only. For correct and safe crane operation, the original operating manual and lifting capacity charts are essential. Failure to follow the corresponding Operator's Manual when using our equipment or failure to otherwise act responsibly may result in property damage, serious injury or death. The sole warranty applicable with respect to our equipment is the standard warranty as per general terms and conditions of sales and service (ask your local Tadano dealer for details), and Tadano makes no other warranty, express or implied. All rights reserved. Any use of the trademarks, logos, brand names and model names used herein is prohibited.

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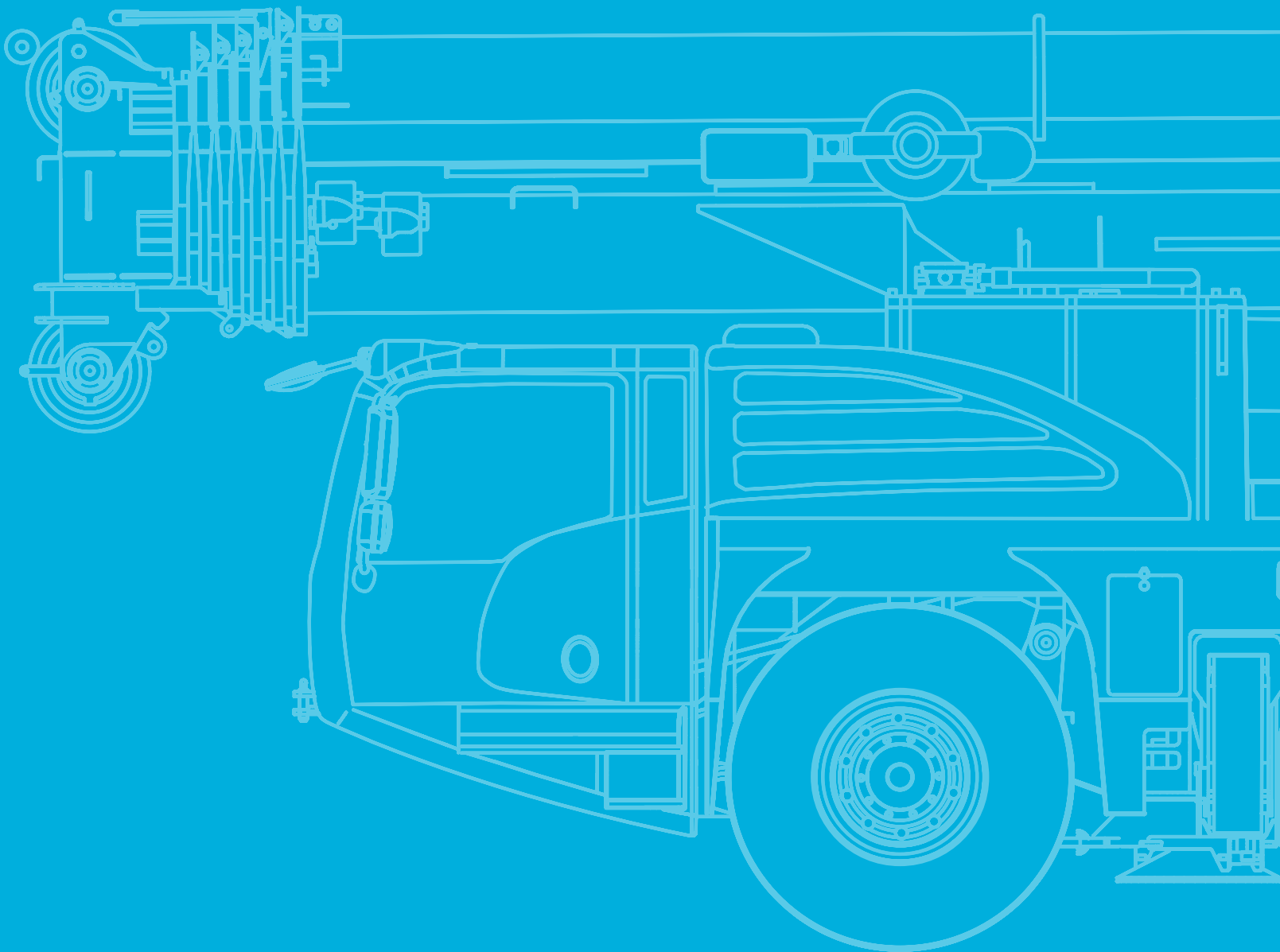
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Key

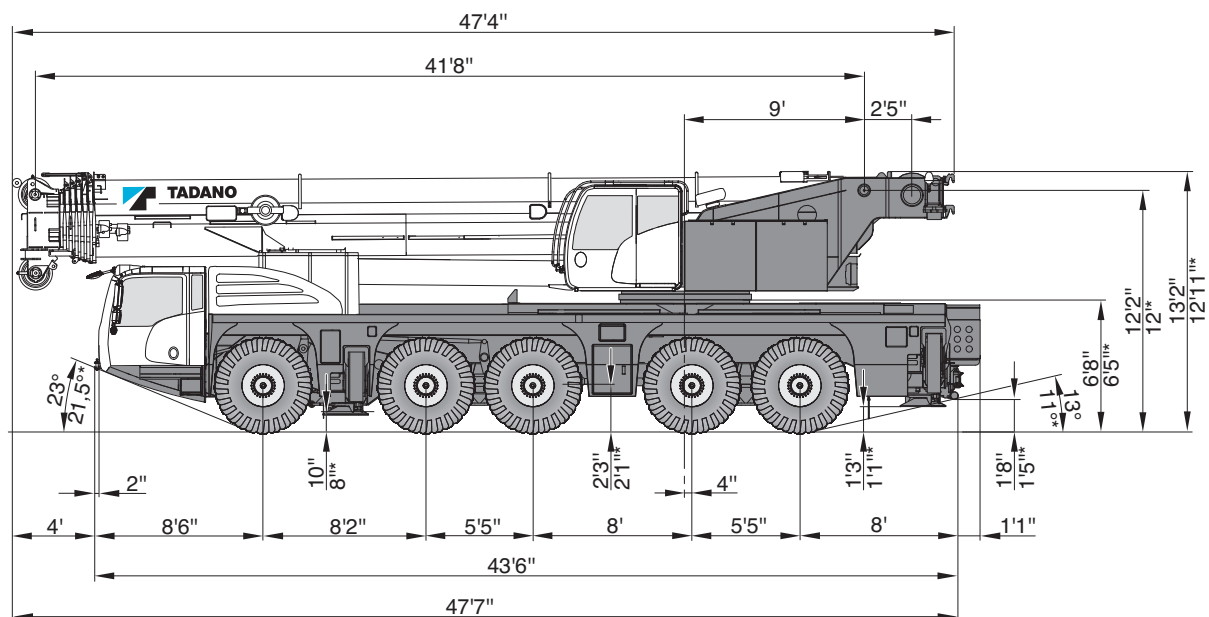
	Counterweight		Dolly
	Lifting capacities on outriggers · 360°		Working speeds
	Radius		Slewing
	Main boom		Max. line pull
	Folding swing-away jib		Rope diameter
	Runner		Rope length
	Max. axle loads		Hook block
	Mechanism		Number of lines
	Tires		Possible load of hook block
	Hook block		Weight of hook 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		Additional parts for hydraulic system

GENERAL TECHNICAL DATA



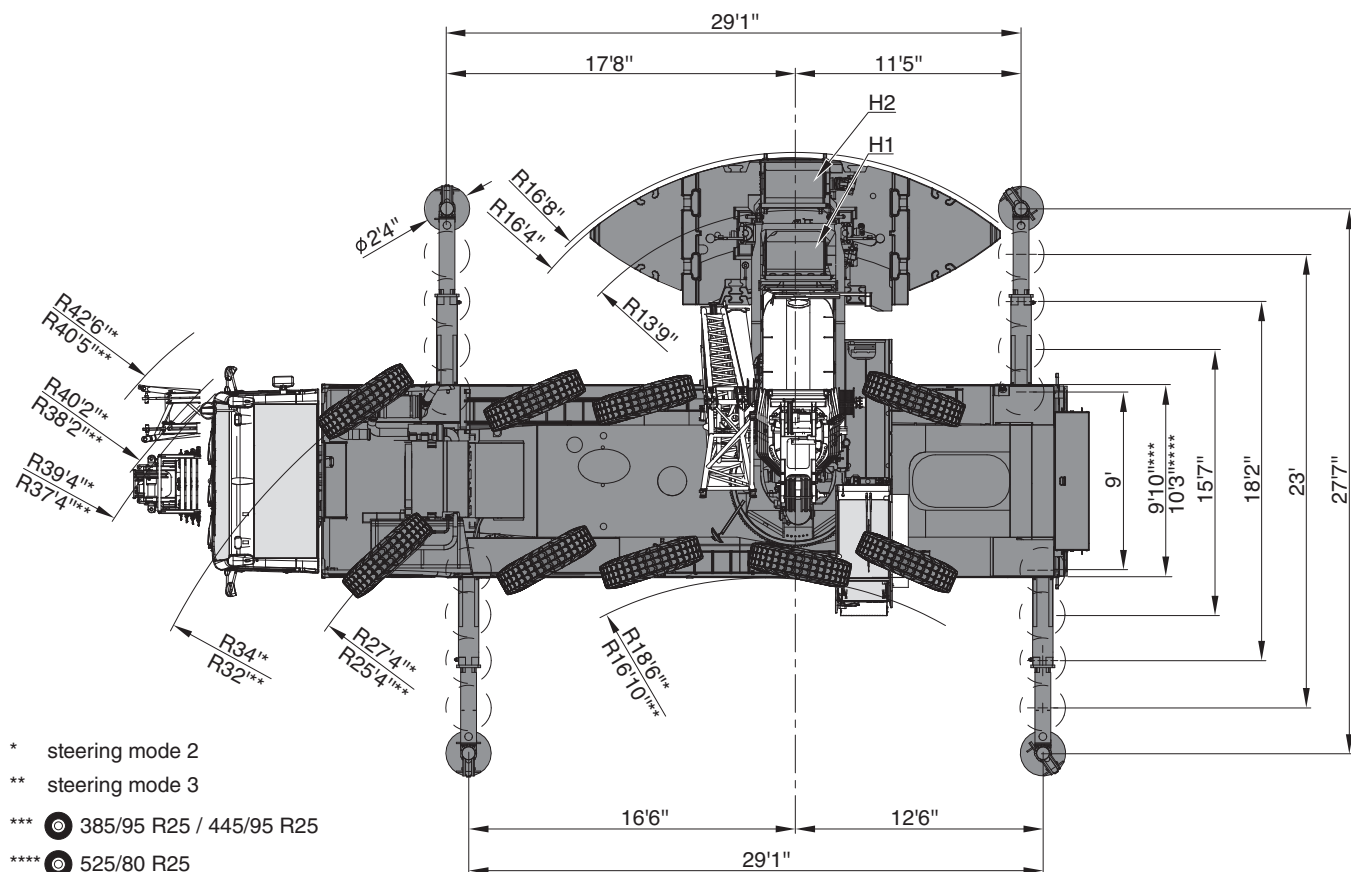
General

Vehicle dimensions



● 445/95 R25 / 525/80 R25

* 385/95 R25



* steering mode 2

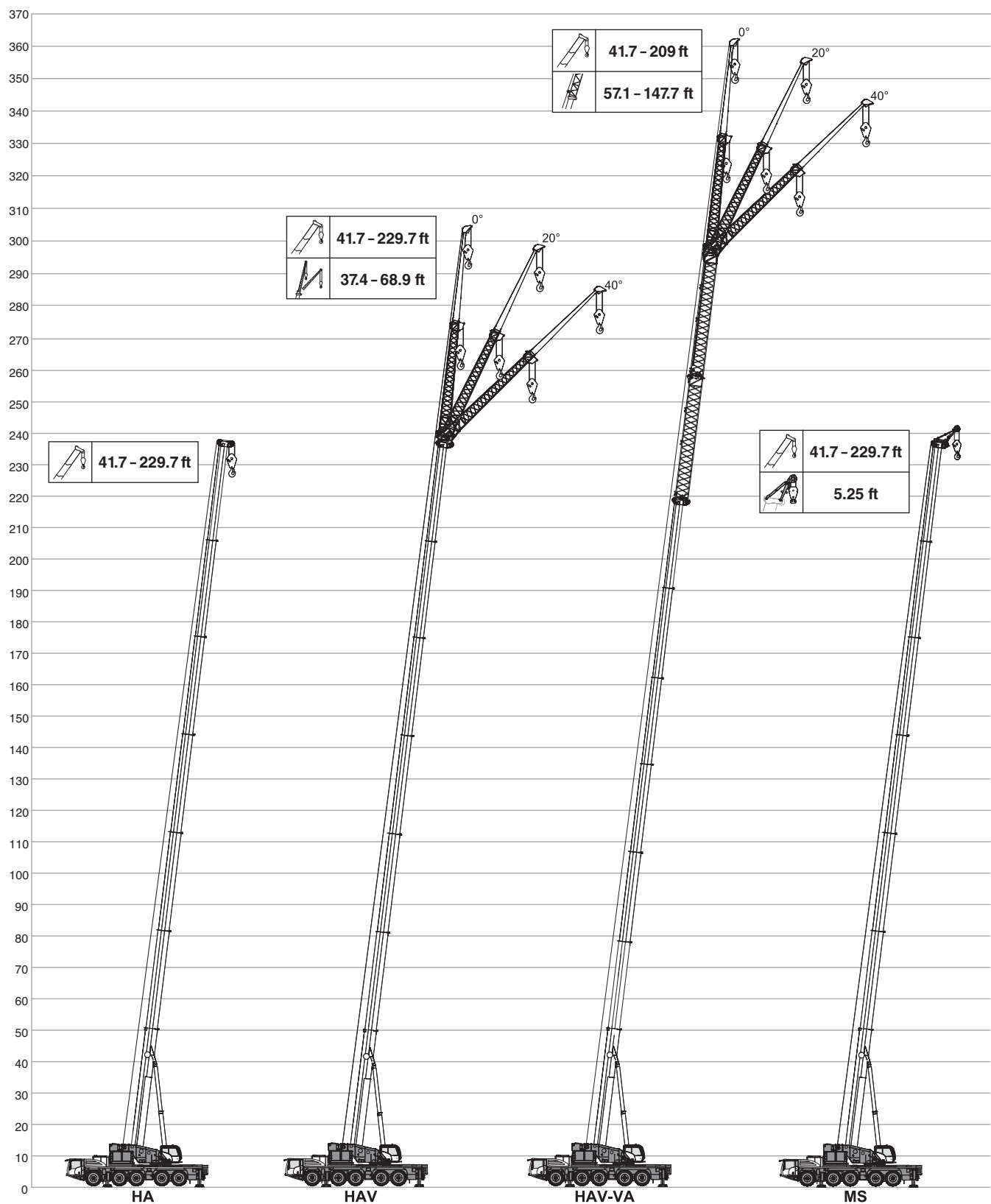
** steering mode 3

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

**** 525/80 R25

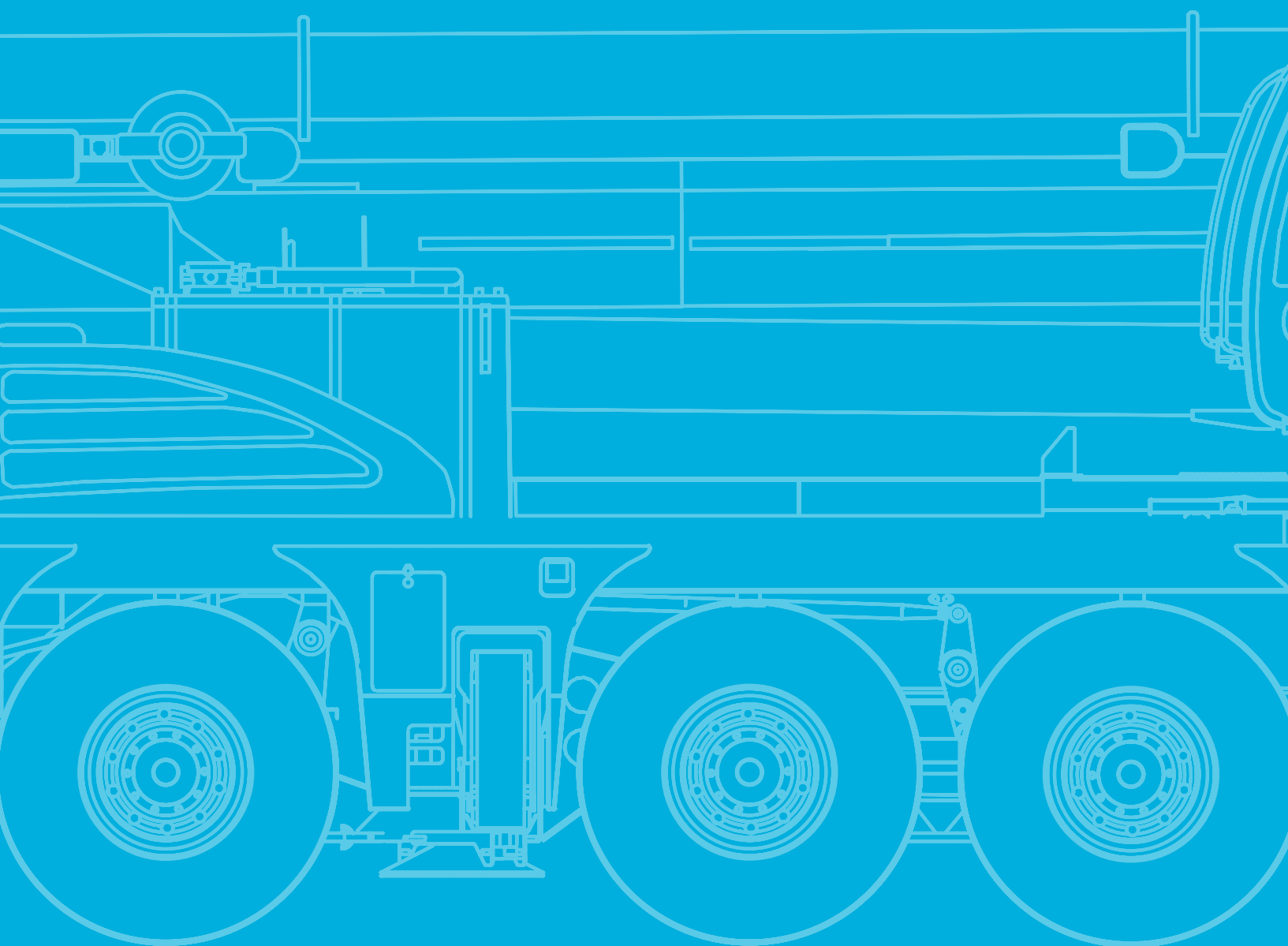
General

Boom combinations



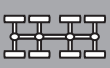
Notes

TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING



On-road and off-road driving

Axle loads

	Total									
< 20,000 lbs	On request!									X
< 18,700 lbs	< 81,600 lbs	10x6x10	385/95R25	—	—	—	—	—	—	—
< 26,500 lbs	< 132,300 lbs	10x6x10	445/95R25	229.7 ft	70,600 lbs	—	—	—	1,870 lbs	—
< 26,500 lbs	< 132,300 lbs	10x8x10	445/95R25	229.7 ft	70,600 lbs*	—	—	—	1,000 lbs	—
< 26,500 lbs	< 132,300 lbs	10x8x10	445/95R25	229.7 ft	—	—	—	X	1,870 lbs	—
< 29,100 lbs	< 138,900 lbs	10x8x10	445/95R25	229.7 ft	70,600 lbs	—	68.9 ft	—	2,100 lbs	—
< 36,400 lbs	< 180,800 lbs	10x8x10	445/95R25	229.7 ft	70,600 lbs	41,200 lbs	68.9 ft	X	2,100 lbs	—

* Vario

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
 %	48 %	43 %	43 %
 %	73 %	64 %	64 %
	52.8 mph ¹⁾		

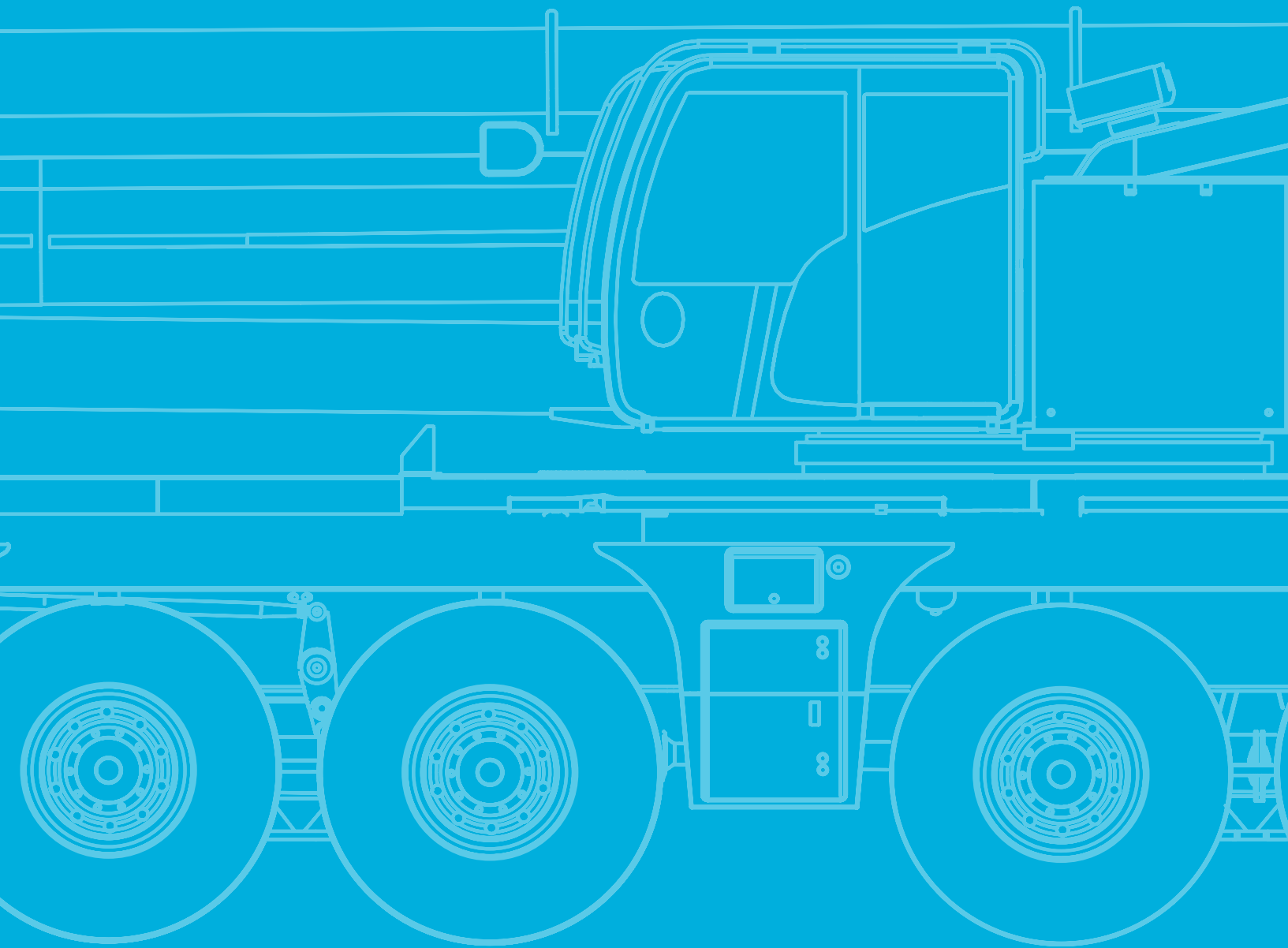
¹⁾ Depending on tire type, size and country specific legislation

Steering

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

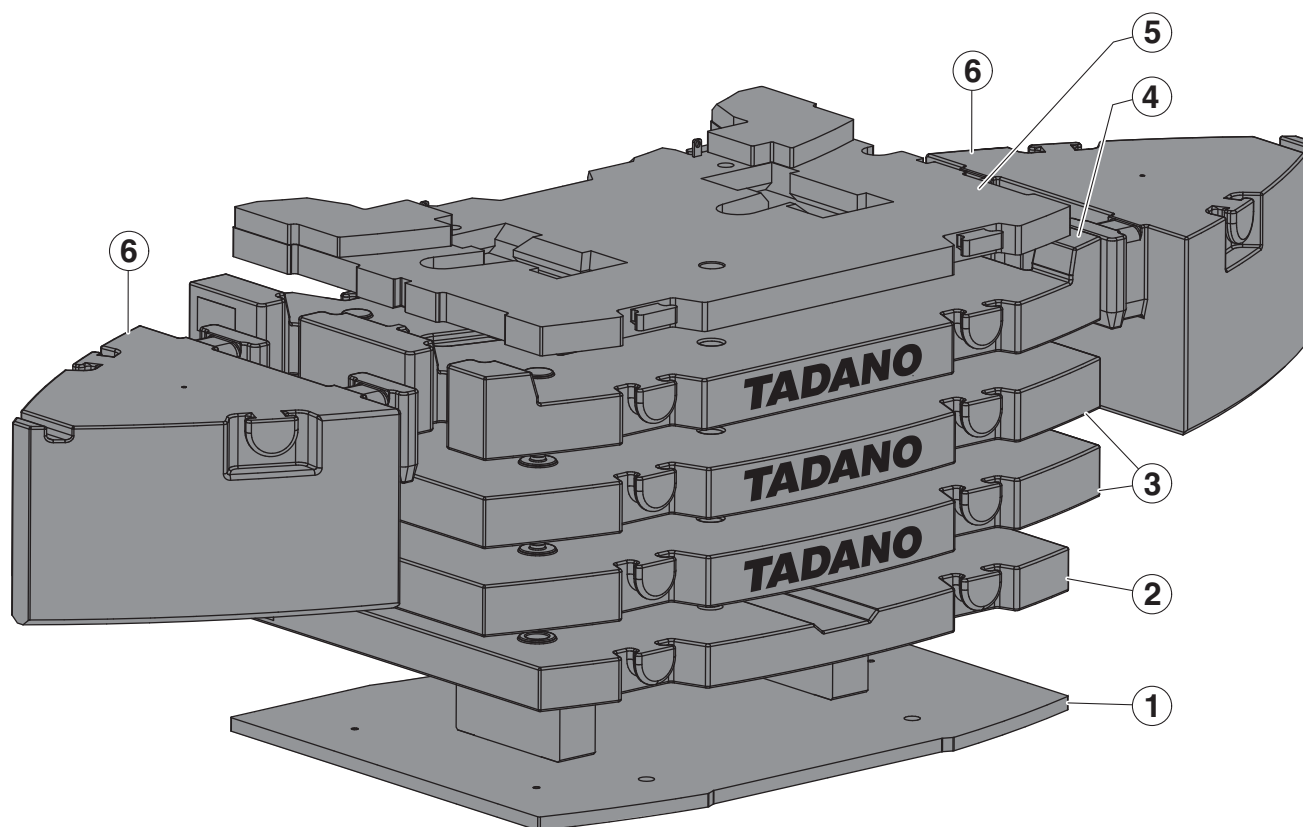
* must be activated

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight



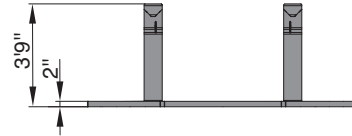
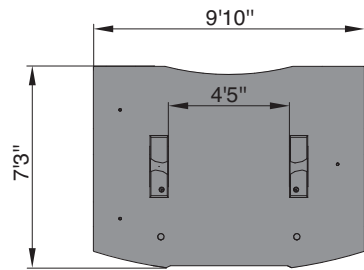
Configurations

	11,250 lbs	28,900 lbs	41,200 lbs	53,600 lbs	65,900 lbs	78,300 lbs	90,600 lbs	101,400 lbs	113,800 lbs	154,800 lbs
① 11,250 lbs	1	1	1	1	1	1	1	1	1	1
② 17,640 lbs		1	1	1	1	1	1	1	1	1
③ 24,700 lbs				1	1	1	1	1	1	1
③ 24,700 lbs						1	1	1	1	1
④ 23,150 lbs								1	1	1
⑤ 12,350 lbs			1		1		1		1	1
⑥ 20,500 lbs										1
⑥ 20,500 lbs										1

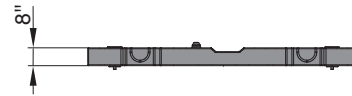
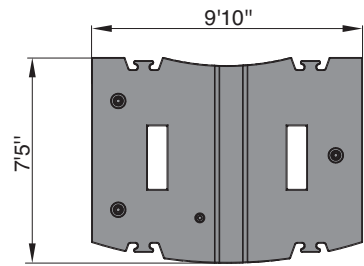
Transportation

Counterweight

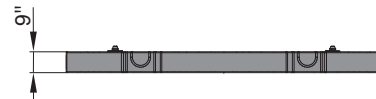
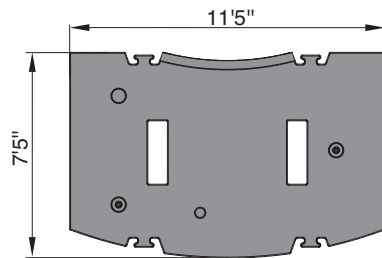
①



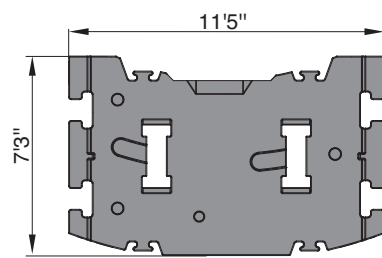
②



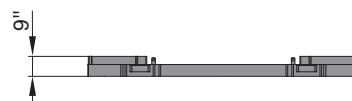
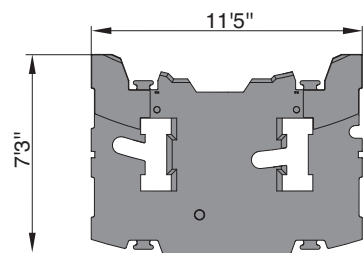
③



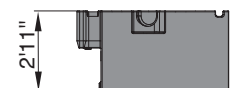
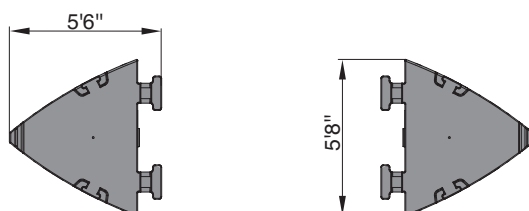
④



⑤



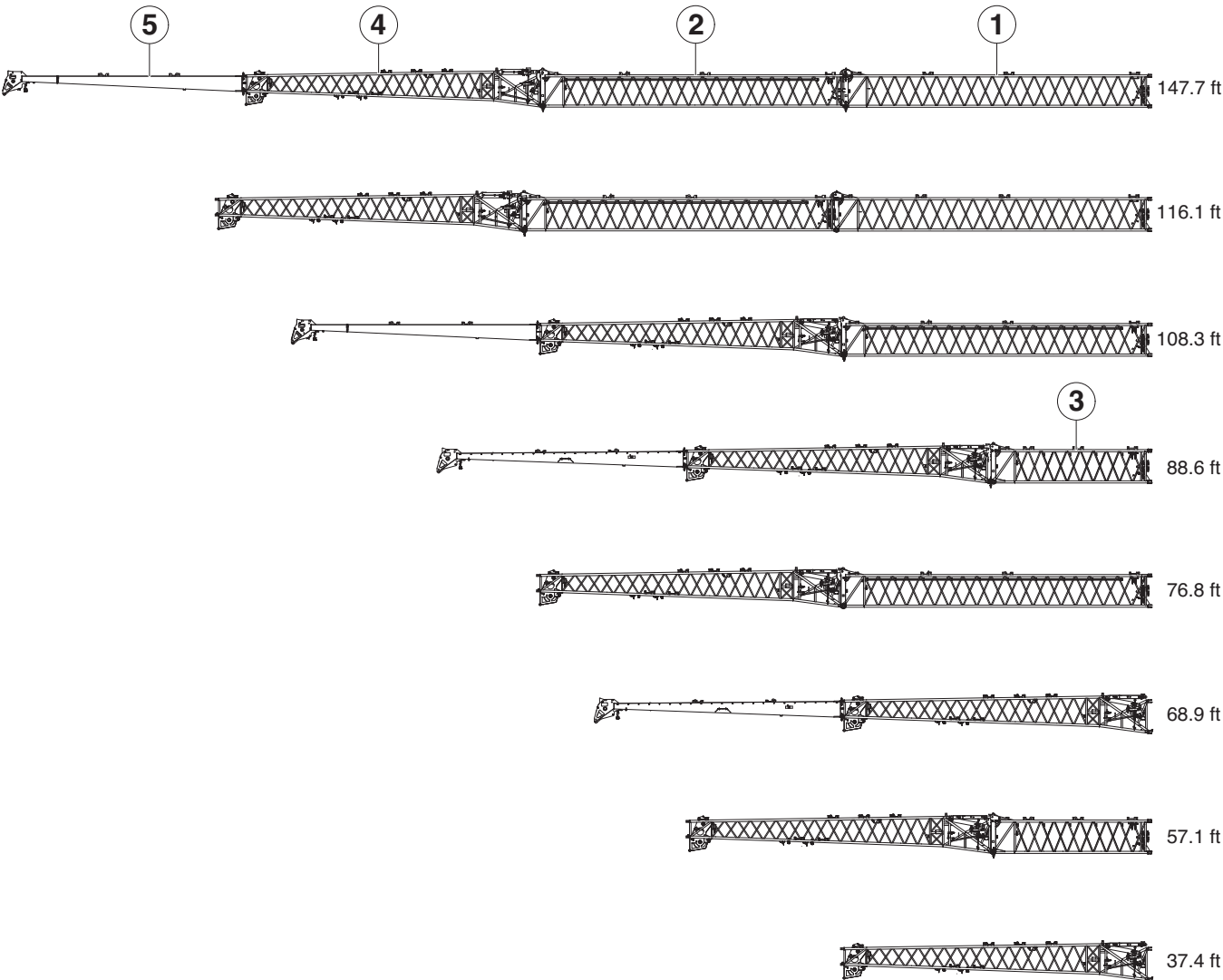
⑥



Transportation

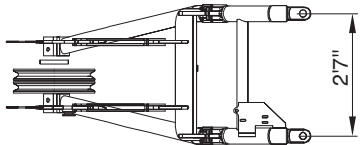
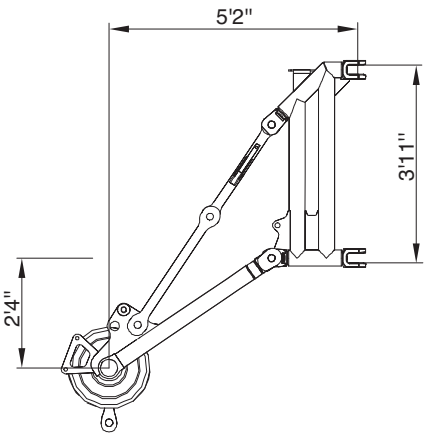
Jib

HAV / HAV-VA



MS

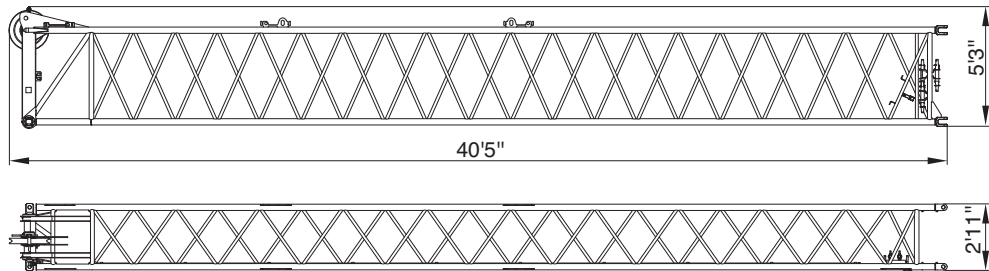
lbs
1,000



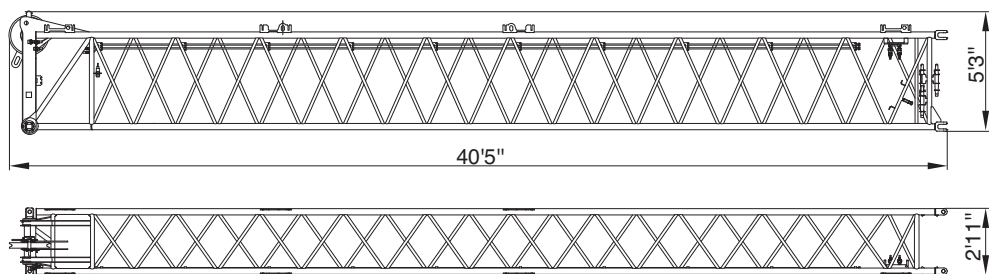
Transportation

Jib

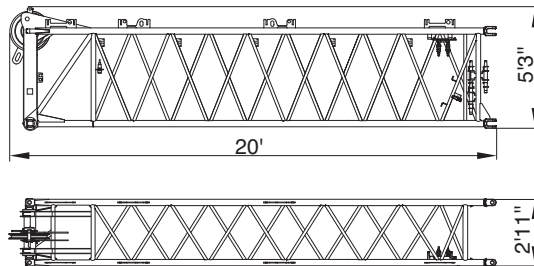
1  2,540



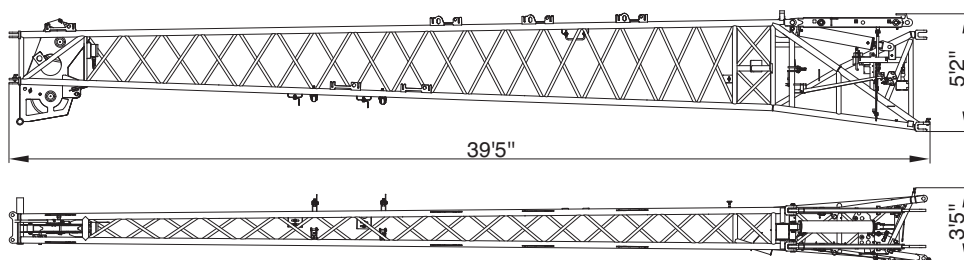
2  2,540



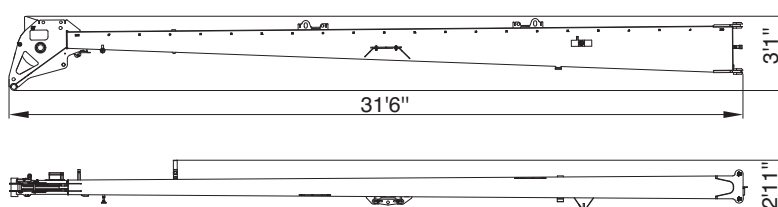
3  1,100



4  3,000 / 3,300 (HY)

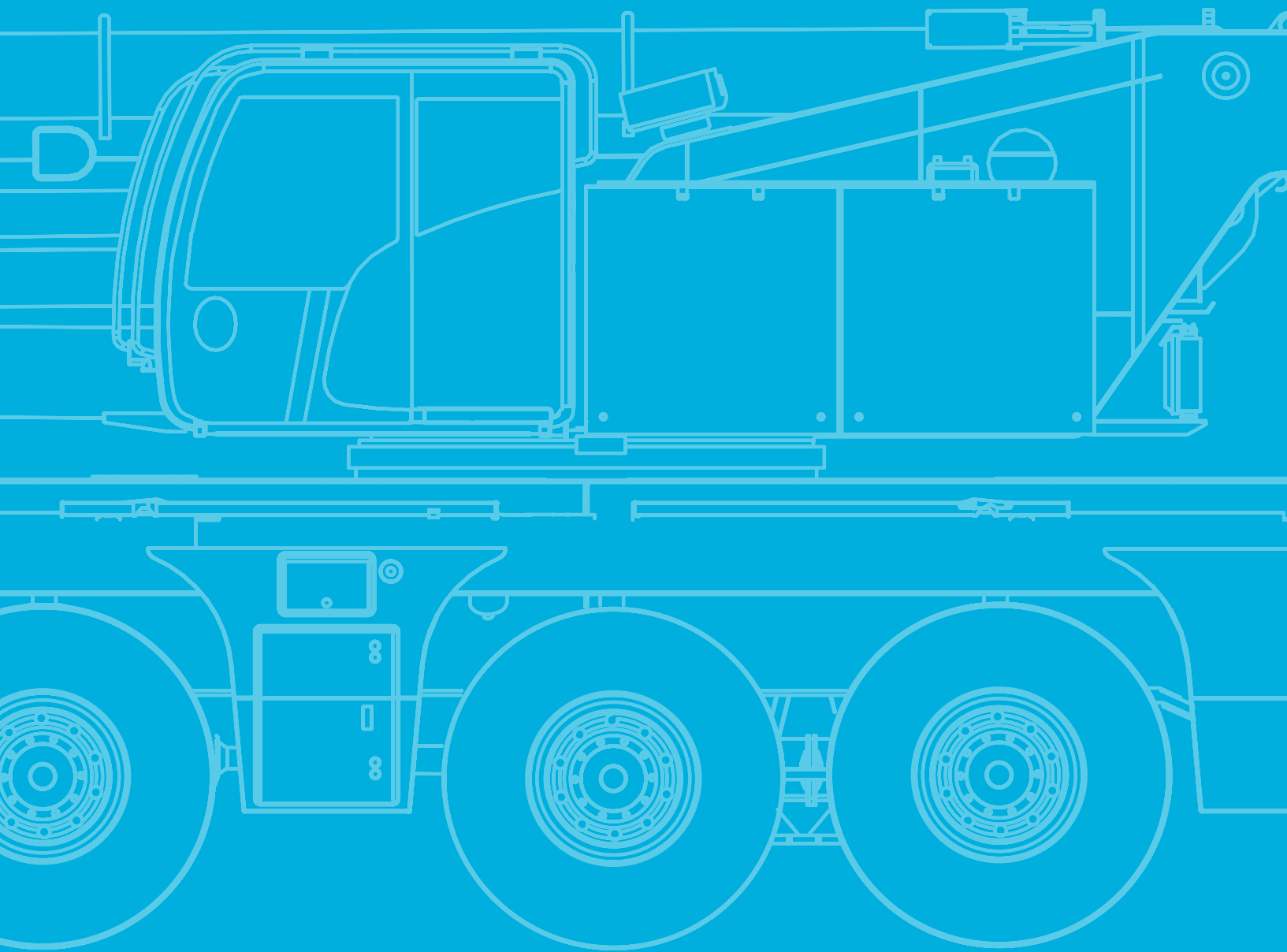


5  1,540



Notes

TECHNICAL DATA FOR OPERATION



Notes

Operation

Main boom



approx. 527 s (41.7 - 229.7 ft)



approx. 49 s (-1,4° - 82°)

Slewing

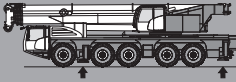


1,55 min⁻¹

Hoist

				
1	394 ft/min	22,076 lbf	0.83 in	1083 ft
2	394 ft/min	22,076 lbf	0.83 in	1083 ft

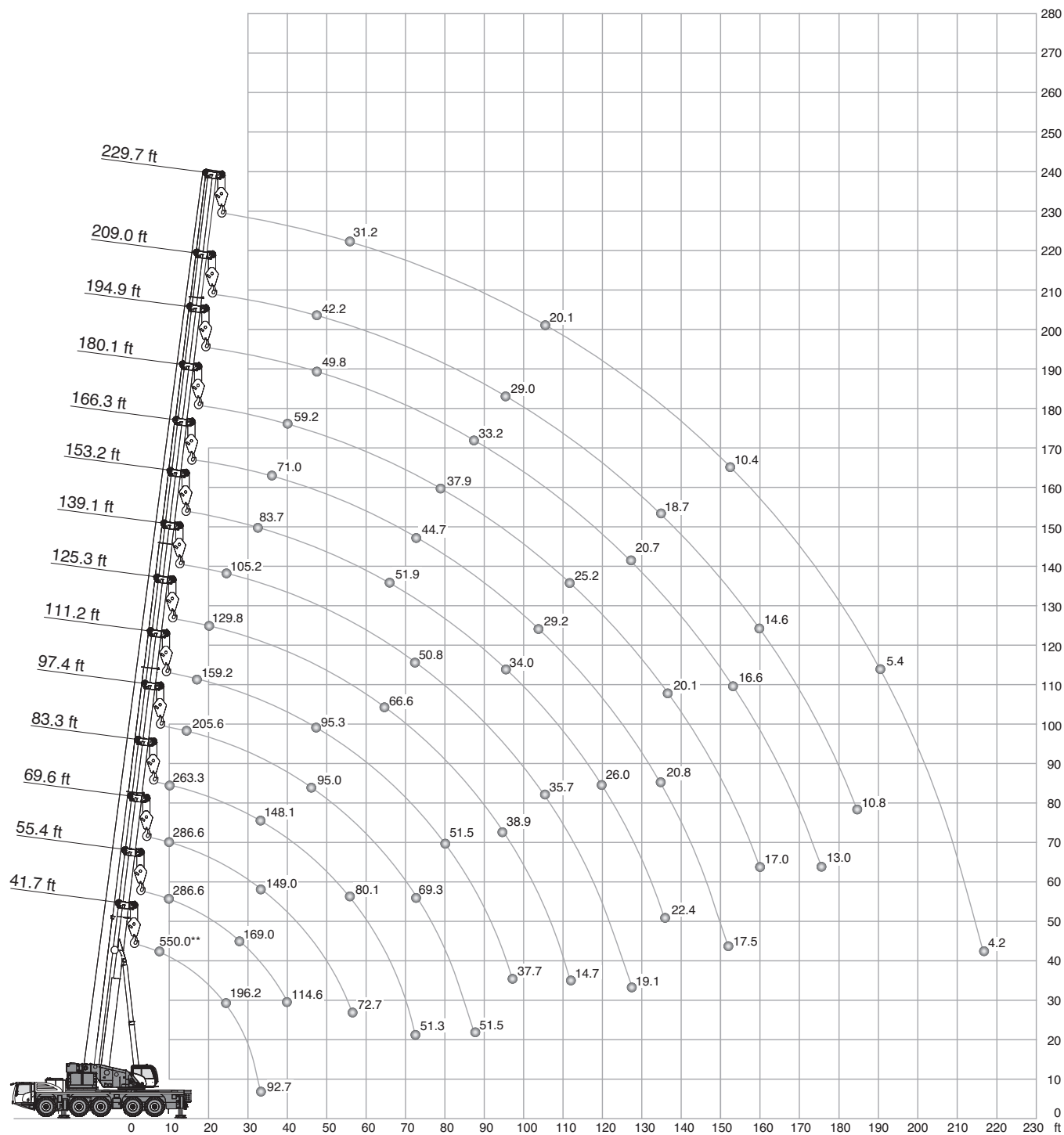
Outrigger cylinders

		
 Max.	209,500 lbs	231,500 lbs
	16.9 in	23 in

Hook Blocks



					
26,500 lbs	21,800 lbs	—	1	770 lbs	6.6 ft
70,600 lbs	64,800 lbs	1	3	1,390 lbs	8.9 ft
176,400 lbs	148,400 lbs	3	7	1,870 lbs	9.8 ft
275,600 lbs	209,000 lbs	5	10	2,490 lbs	9.8 ft
352,800 lbs	286,600 lbs	7	14	3,660 lbs	9.8 ft



** Max. crane capacity – with additional special equipment

 154,800 lbs		 27.60 ft x 29.10 ft										360°				ASME B30.5			
 41.7ft*		41.7ft	55.4ft	69.6ft	83.3ft	97.4ft	111.2ft	125.3ft	139.1ft	153.2ft	166.3ft	180.1ft	194.9ft	209.0ft	229.7ft				
ft	1,000 lbs															ft			
8	550.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8			
10	286.6	286.6	286.6	286.6	263.3	-	-	-	-	-	-	-	-	-	-	10			
12	286.6	285.9	286.3	285.6	262.0	-	-	-	-	-	-	-	-	-	-	12			
14	283.7	273.8	274.9	273.3	259.5	205.6	-	-	-	-	-	-	-	-	-	14			
16	267.8	251.3	253.2	252.6	248.8	202.9	-	-	-	-	-	-	-	-	-	16			
18	247.9	233.1	235.0	235.0	232.7	200.2	159.2	-	-	-	-	-	-	-	-	18			
20	228.9	216.2	217.8	217.8	216.7	197.0	158.6	129.8	-	-	-	-	-	-	-	20			
24	196.2	189.1	190.6	190.8	189.9	184.7	157.4	128.9	105.2	-	-	-	-	-	-	24			
28	161.8	160.9	169.0	169.1	168.2	168.5	154.3	126.9	102.5	-	-	-	-	-	-	28			
32	92.7	92.7	149.1	149.0	148.1	149.6	145.9	123.8	97.0	83.7	-	-	-	-	-	32			
36	-	-	132.5	132.3	131.7	133.0	131.2	119.8	90.5	80.1	71.0	-	-	-	-	36			
40	-	-	114.6	117.1	119.1	117.8	116.0	114.6	84.2	76.0	69.6	59.2	-	-	-	40			
48	-	-	-	94.6	96.3	95.0	95.3	95.0	73.3	67.1	63.1	56.8	49.8	42.2	-	48			
56	-	-	-	72.7	80.1	79.7	80.3	78.8	64.7	59.1	56.4	52.0	47.9	41.4	31.2	56			
64	-	-	-	-	67.9	69.3	68.1	66.6	57.0	51.9	50.1	46.9	44.4	39.7	30.2	64			
72	-	-	-	-	51.3	59.9	58.6	57.1	50.8	45.8	44.7	42.2	40.4	37.1	28.7	72			
80	-	-	-	-	-	51.5	51.5	49.7	45.8	41.3	39.7	37.9	36.7	34.6	27.0	80			
88	-	-	-	-	-	18.7	45.5	43.8	41.6	37.4	35.6	34.0	33.2	31.9	24.6	88			
96	-	-	-	-	-	-	37.7	38.9	38.9	34.0	32.1	30.7	30.0	29.0	22.3	96			
104	-	-	-	-	-	-	18.0	34.5	35.7	31.2	29.2	27.7	27.2	26.3	20.1	104			
112	-	-	-	-	-	-	-	14.7	31.8	28.5	26.8	25.2	24.8	24.1	18.0	112			
120	-	-	-	-	-	-	-	13.6	28.3	26.0	24.7	23.2	22.5	22.0	15.9	120			
128	-	-	-	-	-	-	-	-	19.1	23.0	22.8	21.6	20.7	20.3	14.3	128			
136	-	-	-	-	-	-	-	-	13.2	22.4	20.8	20.1	19.3	18.7	12.9	136			
144	-	-	-	-	-	-	-	-	-	12.9	19.2	19.0	17.9	17.0	11.7	144			
152	-	-	-	-	-	-	-	-	-	-	17.5	18.0	16.6	15.7	10.4	152			
160	-	-	-	-	-	-	-	-	-	-	-	17.0	15.5	14.6	9.4	160			
168	-	-	-	-	-	-	-	-	-	-	-	-	14.3	13.3	8.6	168			
176	-	-	-	-	-	-	-	-	-	-	-	-	13.0	12.1	7.6	176			
184	-	-	-	-	-	-	-	-	-	-	-	-	-	10.8	6.8	184			
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	192			
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	200			
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	208			
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	216			
1)	46.7	46.7	34.2	26.2	20.7	16.5	13.0	10.1	7.3	5.1	3.7	-	-	-	-	1)			

1) Capacities with horizontal boom

* over rear

** Max. crane capacity – with additional special equipment

 113,800 lbs		 27.60 ft x 29.10 ft		360° / Max.*										ASME B30.5		
		360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft	
1,000 lbs																ft
10	286.6	286.6	286.6	286.6	286.6	286.6	286.6	263.3	263.3	-	-	-	-	-	-	10
12	284.9	285.9	285.6	286.3	284.9	285.6	285.6	262.0	262.0	-	-	-	-	-	-	12
14	271.1	273.8	272.7	274.9	270.5	273.3	259.5	259.5	205.6	205.6	-	-	-	-	-	14
16	249.1	251.3	250.2	253.2	250.2	252.7	248.8	248.8	202.9	202.9	-	-	-	-	-	16
18	230.9	233.1	232.2	235.0	232.2	235.0	231.8	232.7	200.2	200.2	159.2	159.2	-	-	-	18
20	214.1	216.1	215.6	217.7	215.6	217.6	214.7	216.5	197.0	197.0	158.6	158.6	129.8	129.8	129.8	20
24	185.5	185.6	187.1	187.5	187.2	187.3	186.3	186.3	182.9	182.9	157.4	157.4	128.9	128.9	128.9	24
28	157.6	157.6	160.0	160.0	160.0	160.0	158.9	158.9	160.6	160.6	152.8	152.8	126.9	126.9	126.9	28
32	92.7	92.7	137.7	137.7	137.5	137.5	139.6	139.6	138.2	138.2	136.2	136.2	123.8	123.8	123.8	32
36	-	-	120.7	120.7	120.6	120.6	122.6	122.6	121.2	121.2	119.3	119.3	115.7	115.7	115.7	36
40	-	-	103.9	103.9	107.8	108.0	107.4	107.4	106.0	106.0	108.0	108.0	106.0	106.0	106.0	40
48	-	-	-	-	87.0	87.0	86.6	86.6	87.5	87.5	87.0	87.0	85.3	85.3	85.3	48
56	-	-	-	-	68.6	68.6	71.8	71.8	73.3	73.3	72.2	72.2	70.2	70.2	70.2	56
64	-	-	-	-	-	-	62.1	62.8	61.2	62.0	59.8	60.9	57.6	59.2	59.2	64
72	-	-	-	-	-	-	51.2	51.2	51.1	53.5	49.6	52.2	47.4	50.7	50.7	72
80	-	-	-	-	-	-	-	-	43.6	46.8	42.0	45.6	41.8	43.9	43.9	80
88	-	-	-	-	-	-	-	-	18.7	18.7	36.2	40.3	37.5	38.5	38.5	88
96	-	-	-	-	-	-	-	-	-	-	33.1	35.8	32.9	35.7	35.7	96
104	-	-	-	-	-	-	-	-	-	-	18.0	18.0	28.9	33.0	33.0	104
112	-	-	-	-	-	-	-	-	-	-	-	-	14.7	14.7	14.7	112
120	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	13.6	120
1)	46.7	46.7	34.2	34.2	26.2	26.2	20.7	20.7	16.5	16.5	13.0	13.0	10.1	10.1	10.1	1)

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																ft
24	105.2	105.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	102.5	102.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	97.0	97.0	83.7	83.7	-	-	-	-	-	-	-	-	-	-	-	32
36	90.5	90.5	80.1	80.1	71.0	71.0	-	-	-	-	-	-	-	-	-	36
40	84.2	84.2	76.0	76.0	69.6	69.6	59.2	59.2	-	-	-	-	-	-	-	40
48	73.3	73.3	67.1	67.1	63.1	63.1	56.8	56.8	49.8	49.8	42.2	42.2	-	-	-	48
56	64.7	64.7	59.1	59.1	56.4	56.4	52.0	52.0	47.9	47.9	41.4	41.4	31.2	31.2	31.2	56
64	56.0	57.0	51.9	51.9	50.1	50.1	46.9	46.9	44.4	44.4	39.7	39.7	30.2	30.2	30.2	64
72	48.2	50.0	45.8	45.8	44.7	44.7	42.2	42.2	40.4	40.4	37.1	37.1	28.7	28.7	28.7	72
80	41.5	44.5	39.4	41.3	38.7	39.7	37.9	37.9	36.7	36.7	34.6	34.6	27.0	27.0	27.0	80
88	35.5	39.7	33.5	37.4	33.9	35.6	33.1	34.0	33.2	33.2	31.9	31.9	24.6	24.6	24.6	88
96	31.1	35.2	29.2	33.5	28.9	32.1	29.7	30.7	29.2	30.0	29.0	29.0	22.3	22.3	22.3	96
104	27.6	31.3	27.3	29.6	26.0	29.2	26.7	27.7	26.5	27.2	26.0	26.0	20.1	20.1	20.1	104
112	24.1	28.1	24.3	26.3	24.1	26.7	24.3	25.2	23.4	24.8	22.5	24.1	18.0	18.0	18.0	112
120	22.5	25.2	21.9	24.2	21.6	23.8	21.2	23.2	20.3	22.5	19.4	22.0	15.9	15.9	15.9	120
128	15.3	17.8	19.6	22.9	19.8	21.3	19.3	21.6	17.7	20.7	16.9	20.3	14.3	14.3	14.3	128
136	13.2	13.2	18.5	21.4	18.1	20.1	17.1	20.1	15.5	19.3	14.6	18.7	12.9	12.9	12.9	136
144	-	-	12.5	12.8	16.2	19.2	15.1	19.0	13.5	17.9	12.8	17.0	11.7	11.7	11.7	144
152	-	-	-	-	13.0	16.9	13.5	17.4	11.7	16.5	11.9	15.7	10.4	10.4	10.4	152
160	-	-	-	-	-	-	11.8	15.6	10.2	14.8	10.5	14.0	9.2	9.4	9.4	160
168	-	-	-	-	-	-	-	-	8.9	13.4	9.0	12.5	7.7	8.6	8.6	168
176	-	-	-	-	-	-	-	-	8.3	11.9	7.7	11.0	6.4	7.6	7.6	176
184	-	-	-	-	-	-	-	-	-	-	6.6	9.8	5.3	6.8	6.8	184
192	-	-	-	-	-	-	-	-	-	-	-	-	4.2	6.0	6.0	192
200	-	-	-	-	-	-	-	-	-	-	-	-	3.3	5.4	5.4	200
208	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	4.8	208
216	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	4.2	216
1)	7.3	7.3	5.1	5.1	3.7	3.7	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

 41,200 lbs		 27.60 ft x 29.10 ft		360° / Max.*										ASME B30.5		
		360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft	
ft																ft
1,000 lbs																
10	286.6	286.6	286.6	286.6	286.6	286.6	286.6	263.3	263.3	-	-	-	-	-	-	10
12	283.5	285.9	283.8	286.3	283.8	285.6	262.0	262.0	262.0	-	-	-	-	-	-	12
14	266.1	272.9	267.8	274.5	267.8	272.0	259.5	259.5	259.5	205.6	205.6	-	-	-	-	14
16	241.9	243.7	244.1	245.7	244.1	245.3	243.0	243.2	243.2	202.9	202.9	-	-	-	-	16
18	217.5	217.7	219.8	219.8	219.8	219.8	218.6	218.6	218.6	198.5	200.2	159.2	159.2	-	-	18
20	193.7	193.7	196.1	196.1	196.1	196.1	194.7	194.7	194.7	190.8	195.0	157.1	158.6	129.8	129.8	20
24	156.2	156.2	158.4	158.4	158.4	158.4	159.5	160.5	160.5	148.2	159.0	140.1	152.3	125.0	128.9	24
28	126.7	129.8	130.7	132.6	133.0	134.3	128.7	133.8	133.8	123.1	132.3	117.0	131.4	107.3	125.8	28
32	84.7	86.2	104.7	113.4	106.6	114.5	106.2	114.1	114.1	104.5	114.9	97.8	114.5	91.5	112.7	32
36	-	-	86.0	99.3	87.6	100.3	90.8	99.8	99.8	88.3	101.6	83.8	100.3	78.8	98.5	36
40	-	-	71.7	86.6	74.3	87.6	74.8	89.8	89.8	73.5	88.9	71.1	87.6	68.3	85.8	40
48	-	-	-	-	54.4	70.3	54.8	72.3	72.3	53.5	71.4	54.2	70.2	54.1	69.0	48
56	-	-	-	-	41.5	59.7	41.7	59.9	59.9	43.4	59.0	42.8	57.7	41.5	57.1	56
64	-	-	-	-	-	-	34.4	50.6	50.6	34.7	49.6	33.8	48.4	34.0	48.8	64
72	-	-	-	-	-	-	28.6	42.5	42.5	28.1	41.2	28.7	40.9	28.3	41.6	72
80	-	-	-	-	-	-	-	-	-	23.4	34.2	24.1	35.6	23.6	34.1	80
88	-	-	-	-	-	-	-	-	-	18.7	18.7	20.4	29.9	19.8	28.4	88
96	-	-	-	-	-	-	-	-	-	-	-	17.4	25.5	17.3	25.0	96
104	-	-	-	-	-	-	-	-	-	-	-	14.8	18.0	14.7	22.3	104
112	-	-	-	-	-	-	-	-	-	-	-	-	-	12.5	14.7	112
120	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6	13.6	120
1)	46.7	46.7	34.2	34.2	26.2	26.2	20.7	20.7	20.7	16.5	16.5	13.0	13.0	10.1	10.1	1)

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																ft
24	105.2	105.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	98.4	102.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	86.1	97.0	79.0	83.7	-	-	-	-	-	-	-	-	-	-	-	32
36	75.4	90.5	70.2	80.1	64.4	71.0	-	-	-	-	-	-	-	-	-	36
40	66.4	83.5	62.7	75.5	60.5	69.3	56.5	59.2	-	-	-	-	-	-	-	40
48	51.2	65.2	50.7	62.3	48.4	59.3	47.9	55.3	43.9	49.7	40.3	42.2	-	-	-	48
56	41.6	55.3	41.1	51.6	40.8	48.8	38.2	47.6	35.6	44.9	33.2	41.4	29.9	31.2	31.2	56
64	34.0	45.7	34.0	43.6	32.8	42.9	32.2	40.9	30.0	39.1	27.5	36.9	24.8	30.2	30.2	64
72	27.9	39.0	27.5	37.6	27.0	36.2	26.6	36.3	24.6	33.0	22.2	30.8	19.7	28.7	28.7	72
80	23.4	32.6	22.7	32.5	22.9	32.1	21.8	30.8	20.1	27.7	18.2	26.9	15.8	24.5	24.5	80
88	19.8	28.6	18.9	28.1	18.9	28.4	17.8	26.2	16.5	23.6	14.8	23.0	12.5	20.4	20.4	88
96	16.5	24.7	15.5	25.0	15.7	24.4	14.6	22.6	13.2	21.0	11.7	19.5	9.6	17.2	17.2	96
104	13.8	22.0	12.9	21.8	13.1	20.7	11.8	19.5	10.5	18.6	9.3	16.6	7.3	14.4	14.4	104
112	11.6	19.2	10.7	18.8	10.7	17.7	9.6	17.3	8.3	16.2	7.2	14.2	5.2	12.0	12.0	112
120	9.8	16.7	8.8	16.2	8.9	15.1	7.8	15.1	6.5	13.8	5.1	12.1	3.6	10.1	10.1	120
128	8.1	14.1	7.2	14.0	7.3	13.1	6.2	13.0	5.0	11.8	3.6	10.2	-	8.1	8.1	128
136	6.9	13.0	5.8	12.1	6.0	12.1	4.7	11.0	3.6	9.9	-	8.5	-	6.7	6.7	136
144	-	-	-	7.8	4.7	10.7	3.6	9.5	2.3	8.2	-	6.9	-	5.4	5.4	144
152	-	-	-	-	-	7.2	-	8.0	-	6.9	-	5.6	-	4.0	4.0	152
160	-	-	-	-	-	-	-	6.9	-	5.6	-	4.5	-	3.0	3.0	160
168	-	-	-	-	-	-	-	-	-	4.6	-	3.5	-	-	-	168
176	-	-	-	-	-	-	-	-	-	3.7	-	2.6	-	-	-	176
1)	7.3	7.3	4.9	5.1	3.1	3.7	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 0 lbs		 27.60 ft x 29.10 ft								360° / Max.*				ASME B30.5			
		360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft		
1,000 lbs																	ft
10	286.6	286.6	286.6	286.6	286.6	286.6	286.6	263.3	263.3	-	-	-	-	-	-	-	10
12	282.1	282.1	282.8	282.8	282.8	282.8	282.8	260.6	262.0	-	-	-	-	-	-	-	12
14	256.4	256.7	258.6	258.8	256.2	258.8	230.9	252.2	198.1	205.6	-	-	-	-	-	-	14
16	222.1	222.3	224.6	224.6	208.1	224.6	190.8	223.3	168.7	202.9	-	-	-	-	-	-	16
18	194.0	194.7	189.0	197.1	172.6	197.1	159.6	196.0	144.4	189.5	134.3	159.2	-	-	-	-	18
20	166.3	170.0	157.8	172.4	145.4	173.9	137.7	174.8	126.2	173.1	113.1	156.4	103.9	129.4	-	-	20
24	108.5	136.8	112.6	140.4	109.6	141.6	102.7	141.1	94.2	138.3	88.7	135.9	82.7	116.0	-	-	24
28	73.6	113.3	83.3	116.6	84.1	117.8	79.6	117.4	74.7	116.2	72.3	102.9	67.5	92.3	-	-	28
32	52.9	82.3	61.1	99.1	64.4	100.2	63.7	102.2	63.3	92.8	59.0	83.1	56.5	77.9	-	-	32
36	-	-	48.3	86.3	51.3	85.1	52.4	85.5	52.7	76.6	49.5	70.4	48.7	66.7	-	-	36
40	-	-	37.7	75.4	42.3	75.1	43.7	69.5	43.2	62.4	43.5	61.8	41.0	55.9	-	-	40
48	-	-	-	-	29.6	50.6	30.9	49.5	31.8	49.1	31.7	45.8	30.8	43.4	-	-	48
56	-	-	-	-	21.5	36.7	22.6	37.6	23.7	38.0	23.5	36.7	23.5	35.8	-	-	56
64	-	-	-	-	-	-	16.9	30.1	18.0	29.7	17.8	30.3	17.8	29.6	-	-	64
72	-	-	-	-	-	-	12.7	24.2	13.8	24.6	13.5	24.8	13.5	24.2	-	-	72
80	-	-	-	-	-	-	-	-	10.6	20.4	10.3	20.4	10.2	20.4	-	-	80
88	-	-	-	-	-	-	-	-	8.1	17.3	7.7	17.1	7.7	17.0	-	-	88
96	-	-	-	-	-	-	-	-	-	-	5.6	14.3	5.5	14.0	-	-	96
104	-	-	-	-	-	-	-	-	-	-	3.9	11.9	3.7	11.7	-	-	104
112	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8	-	-	112
120	-	-	-	-	-	-	-	-	-	-	-	-	-	8.1	-	-	120
1)	46.7	46.7	27.3	34.2	17.4	26.2	11.5	20.7	7.5	16.5	4.2	12.1	-	8.6	-	-	1)

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																
ft																ft
24	73.1	99.8	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	63.9	84.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	54.0	71.6	50.9	67.3	-	-	-	-	-	-	-	-	-	-	-	32
36	45.7	61.2	43.2	57.3	41.7	53.1	-	-	-	-	-	-	-	-	-	36
40	38.4	52.9	36.3	51.8	35.2	47.4	32.1	44.9	-	-	-	-	-	-	-	40
48	28.7	42.5	27.0	40.3	26.2	38.9	23.6	35.9	20.8	32.4	16.6	27.7	-	-	-	48
56	21.9	34.1	20.5	32.3	19.9	31.3	17.6	28.7	15.1	25.6	12.6	22.7	9.9	19.8	-	56
64	16.8	27.8	15.5	26.4	15.2	25.6	13.0	23.1	10.7	20.4	8.3	17.8	5.4	15.2	6.4	64
72	12.7	23.0	11.5	21.7	11.3	21.0	9.3	18.8	7.1	16.2	4.7	14.0	-	11.5	7.2	72
80	9.3	19.3	8.4	18.0	8.4	17.4	6.5	15.4	4.2	13.0	-	10.9	-	8.6	8.0	80
88	6.8	16.2	5.7	15.0	5.9	14.5	4.1	12.5	-	10.4	-	8.4	-	6.0	8.8	88
96	4.8	13.4	3.7	12.4	3.9	12.1	-	10.1	-	8.1	-	6.2	-	3.7	9.6	96
104	3.1	10.9	-	10.0	-	10.0	-	8.2	-	6.2	-	4.2	-	-	10.4	104
112	-	8.9	-	8.1	-	8.1	-	6.5	-	4.5	-	-	-	-	-	112
120	-	7.3	-	6.5	-	6.5	-	5.0	-	3.0	-	-	-	-	-	120
128	-	5.8	-	5.0	-	5.0	-	3.7	-	-	-	-	-	-	-	128
136	-	4.7	-	3.8	-	3.8	-	2.7	-	-	-	-	-	-	-	136
144	-	-	-	-	-	2.7	-	-	-	-	-	-	-	-	-	144
1)	-	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

 154,800 lbs		 23.00 ft x 29.10 ft		360° / Max.*										ASME B30.5	
 360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft		
1,000 lbs															
ft														ft	
10	286.6	286.6	286.6	286.6	286.6	286.6	263.3	263.3	-	-	-	-	-	10	
12	282.8	285.9	283.1	286.3	283.1	285.6	262.0	262.0	-	-	-	-	-	12	
14	263.9	273.8	265.0	274.9	265.0	273.3	257.7	259.5	205.6	205.6	-	-	-	14	
16	241.3	251.3	242.4	253.2	242.4	252.7	242.2	248.8	202.9	202.9	-	-	-	16	
18	223.0	233.1	224.4	235.0	224.5	235.0	224.1	232.7	200.2	200.2	159.2	159.2	-	18	
20	205.9	216.2	207.6	217.8	207.9	217.8	207.0	216.7	197.0	197.0	158.6	158.6	129.8	129.8	20
24	179.0	189.1	180.6	190.6	180.8	190.8	179.9	189.9	181.4	184.7	157.4	157.4	128.9	128.9	24
28	156.2	160.8	159.3	169.0	159.4	169.1	158.4	168.1	159.9	168.5	153.7	154.3	126.9	126.9	28
32	92.7	92.7	141.9	149.0	142.0	149.0	143.4	148.0	142.6	149.4	141.1	145.9	123.8	123.8	32
36	-	-	123.9	132.4	123.9	132.3	125.8	131.7	124.5	132.8	122.7	131.2	116.3	119.8	36
40	-	-	104.6	114.6	107.7	117.1	108.2	119.1	106.7	117.8	108.3	116.0	106.7	114.6	40
48	-	-	-	-	82.5	94.4	82.0	96.2	83.8	94.8	82.5	95.3	80.5	94.9	48
56	-	-	-	-	65.4	72.6	67.6	80.0	66.6	79.5	65.3	80.3	63.5	78.5	56
64	-	-	-	-	-	-	55.5	67.8	54.6	69.2	53.3	68.0	52.1	66.5	64
72	-	-	-	-	-	-	46.7	51.3	45.8	59.3	44.5	58.0	44.6	56.0	72
80	-	-	-	-	-	-	-	-	39.3	50.2	38.0	49.6	39.5	47.6	80
88	-	-	-	-	-	-	-	-	18.7	18.7	34.6	43.1	34.2	41.1	88
96	-	-	-	-	-	-	-	-	-	-	31.1	36.7	29.9	35.9	96
104	-	-	-	-	-	-	-	-	-	-	18.0	18.0	26.4	33.9	104
112	-	-	-	-	-	-	-	-	-	-	-	-	14.7	14.7	112
120	-	-	-	-	-	-	-	-	-	-	-	-	13.6	13.6	120
1)	46.7	46.7	34.2	34.2	26.2	26.2	20.7	20.7	16.5	16.5	13.0	13.0	10.1	10.1	1)

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																
ft																ft
24	105.2	105.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	102.5	102.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	97.0	97.0	83.7	83.7	-	-	-	-	-	-	-	-	-	-	-	32
36	90.5	90.5	80.1	80.1	71.0	71.0	-	-	-	-	-	-	-	-	-	36
40	84.2	84.2	76.0	76.0	69.6	69.6	59.2	59.2	-	-	-	-	-	-	-	40
48	73.3	73.3	67.1	67.1	63.1	63.1	56.8	56.8	49.8	49.8	42.2	42.2	-	-	-	48
56	62.6	64.7	59.1	59.1	56.4	56.4	52.0	52.0	47.9	47.9	41.4	41.4	31.2	31.2	56	
64	52.1	57.0	50.5	51.9	49.5	50.1	46.9	46.9	44.4	44.4	39.7	39.7	30.2	30.2	64	
72	44.1	50.8	42.3	45.8	42.7	44.7	42.0	42.2	40.4	40.4	37.1	37.1	28.7	28.7	72	
80	37.5	45.7	35.9	41.3	36.2	39.7	36.5	37.9	36.4	36.7	34.6	34.6	27.0	27.0	80	
88	33.1	41.4	31.9	37.4	31.1	35.6	31.7	34.0	31.7	33.2	31.6	31.9	24.6	24.6	88	
96	28.8	37.2	28.7	34.0	28.0	32.1	28.7	30.7	28.3	30.0	27.7	29.0	22.3	22.3	96	
104	25.3	32.7	25.7	30.6	25.5	29.2	25.3	27.7	24.9	27.2	24.2	26.3	20.1	20.1	104	
112	23.5	28.9	22.8	27.1	23.1	26.8	22.8	25.2	21.9	24.8	21.2	24.1	18.0	18.0	112	
120	21.5	25.8	20.7	24.2	21.3	24.2	20.4	23.2	19.3	22.5	18.7	22.0	15.9	15.9	120	
128	14.9	18.0	19.3	23.0	19.1	21.4	18.3	21.6	17.2	20.7	16.5	20.3	14.3	14.3	128	
136	13.2	13.2	17.6	21.4	17.2	20.1	16.5	20.1	15.4	19.3	14.7	18.7	12.9	12.9	136	
144	-	-	12.5	12.8	15.5	19.2	14.8	19.0	13.7	17.9	13.1	17.0	11.7	11.7	144	
152	-	-	-	-	13.0	16.9	13.3	17.4	12.2	16.5	12.0	15.7	10.4	10.4	152	
160	-	-	-	-	-	-	12.0	15.6	10.9	14.8	10.9	14.0	9.4	9.4	160	
168	-	-	-	-	-	-	-	-	9.8	13.4	9.9	12.5	8.6	8.6	168	
176	-	-	-	-	-	-	-	-	8.8	11.9	9.0	11.0	7.6	7.6	176	
184	-	-	-	-	-	-	-	-	-	-	8.0	9.8	6.8	6.8	184	
192	-	-	-	-	-	-	-	-	-	-	-	-	6.0	6.0	192	
200	-	-	-	-	-	-	-	-	-	-	-	-	5.0	5.4	200	
208	-	-	-	-	-	-	-	-	-	-	-	-	4.2	4.8	208	
216	-	-	-	-	-	-	-	-	-	-	-	-	3.4	4.2	216	
1)	7.3	7.3	5.1	5.1	3.7	3.7	-	-	-	-	-	-	-	-	1)	

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

 113,800 lbs		 23.00 ft x 29.10 ft		360° / Max.*										ASME B30.5			
		360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft		
1,000 lbs																ft	
10	286.6	286.6	286.6	286.6	286.6	286.6	286.6	263.3	263.3	-	-	-	-	-	-	10	
12	281.0	285.9	281.7	286.3	281.7	285.6	262.0	262.0	262.0	-	-	-	-	-	-	12	
14	259.0	273.8	260.6	274.9	260.6	273.3	255.4	259.5	259.5	205.6	205.6	-	-	-	-	14	
16	236.9	251.3	238.0	253.2	238.0	252.7	237.8	248.8	248.8	202.9	202.9	-	-	-	-	16	
18	218.9	233.1	220.2	235.0	220.2	235.0	219.9	232.7	232.7	200.2	200.2	159.2	159.2	-	-	18	
20	202.2	216.1	203.7	217.7	203.7	217.6	203.0	216.5	196.6	197.0	158.6	158.6	129.8	129.8	129.8	20	
24	175.6	185.6	177.4	187.5	177.4	187.3	176.5	186.2	177.1	182.9	154.7	157.4	128.9	128.9	128.9	24	
28	148.0	157.5	150.3	159.9	150.3	159.8	152.1	158.7	149.7	160.5	137.2	152.8	126.3	126.9	126.9	28	
32	89.5	92.7	120.2	137.5	121.6	137.5	122.9	139.4	121.1	137.9	120.8	136.2	113.6	123.8	123.8	32	
36	-	-	101.4	120.6	102.6	120.5	102.2	122.5	102.2	120.9	102.8	119.2	97.8	115.7	115.7	36	
40	-	-	84.0	103.9	85.0	108.0	87.7	107.4	86.6	105.8	85.3	107.8	83.1	106.0	106.0	40	
48	-	-	-	-	66.0	87.0	66.2	86.5	65.3	87.5	64.0	87.0	64.0	85.2	85.2	48	
56	-	-	-	-	52.2	68.5	52.4	71.8	51.5	73.2	51.2	71.9	51.5	70.3	70.3	56	
64	-	-	-	-	-	-	42.7	62.8	41.9	62.0	43.1	60.9	42.1	59.2	59.2	64	
72	-	-	-	-	-	-	35.6	51.2	36.7	53.5	36.1	52.2	35.0	50.7	50.7	72	
80	-	-	-	-	-	-	-	-	31.5	46.8	30.8	45.6	30.6	43.9	43.9	80	
88	-	-	-	-	-	-	-	-	18.7	18.7	26.5	40.3	26.5	38.5	38.5	88	
96	-	-	-	-	-	-	-	-	-	-	23.3	35.8	23.7	35.7	35.7	96	
104	-	-	-	-	-	-	-	-	-	-	18.0	18.0	20.8	33.0	33.0	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	14.7	14.7	14.7	112	
120	-	-	-	-	-	-	-	-	-	-	-	-	-	13.6	13.6	120	
1)	46.7	46.7	34.2	34.2	26.2	26.2	20.7	20.7	16.5	16.5	13.0	13.0	10.1	10.1	1)		

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																ft
24	105.2	105.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	102.5	102.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	97.0	97.0	83.7	83.7	-	-	-	-	-	-	-	-	-	-	-	32
36	89.6	90.5	80.1	80.1	71.0	71.0	-	-	-	-	-	-	-	-	-	36
40	81.8	84.2	75.5	76.0	69.4	69.6	59.2	59.2	-	-	-	-	-	-	-	40
48	62.9	73.3	61.5	67.1	59.5	63.1	56.2	56.8	49.8	49.8	42.2	42.2	-	-	-	48
56	50.2	64.7	49.7	59.1	48.6	56.4	48.1	52.0	46.5	47.9	41.4	41.4	31.2	31.2	31.2	56
64	41.0	57.0	41.2	51.9	41.0	50.1	40.5	46.9	39.9	44.4	38.8	39.7	30.2	30.2	30.2	64
72	35.1	50.0	34.5	45.8	35.4	44.7	34.5	42.2	33.4	40.4	32.8	37.1	28.7	28.7	28.7	72
80	30.2	44.5	30.2	41.3	30.1	39.7	29.3	37.9	28.2	36.7	27.5	34.6	26.8	27.0	27.0	80
88	26.1	39.7	26.7	37.4	25.8	35.6	25.0	34.0	23.9	33.2	24.1	31.9	23.2	24.6	24.6	88
96	23.4	35.2	23.2	33.5	22.4	32.1	21.6	30.7	21.0	30.0	20.7	29.0	19.7	22.3	22.3	96
104	20.6	31.3	20.4	29.6	19.5	29.2	18.9	27.7	18.6	27.2	17.8	26.3	16.9	20.1	20.1	104
112	18.2	28.1	18.0	26.3	17.1	26.7	17.1	25.2	16.4	24.8	15.5	24.1	14.4	18.0	18.0	112
120	16.3	25.2	15.9	24.2	15.0	23.8	15.2	23.2	14.3	22.5	13.4	22.0	12.6	15.9	15.9	120
128	14.1	17.8	14.1	22.9	13.2	21.3	13.4	21.6	12.6	20.7	11.7	20.3	10.8	14.3	14.3	128
136	13.2	13.2	12.6	21.4	12.1	20.1	11.8	20.1	11.1	19.3	10.2	18.7	9.2	12.9	12.9	136
144	-	-	9.3	12.8	11.1	19.2	10.6	19.0	9.8	17.9	8.9	17.0	8.0	11.7	11.7	144
152	-	-	-	-	8.2	16.9	9.3	17.4	8.5	16.5	7.6	15.7	6.4	10.4	10.4	152
160	-	-	-	-	-	-	8.3	15.6	7.5	14.8	6.5	14.0	5.2	9.4	9.4	160
168	-	-	-	-	-	-	-	-	6.6	13.4	5.4	12.5	4.2	8.6	8.6	168
176	-	-	-	-	-	-	-	-	5.6	11.9	4.3	11.0	3.2	7.6	7.6	176
184	-	-	-	-	-	-	-	-	-	-	3.5	9.8	-	6.8	6.8	184
192	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	6.0	192
200	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	5.4	200
208	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	4.8	208
216	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	4.2	216
1)	7.3	7.3	5.1	5.1	3.7	3.7	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

 41,200 lbs		 23.00 ft x 29.10 ft		360° / Max.*								ASME B30.5				
 	360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft		
ft	1,000 lbs															ft
10	286.3	286.6	286.4	286.6	286.4	286.6	263.3	263.3	-	-	-	-	-	-	10	
12	276.3	285.9	277.4	286.3	277.4	285.6	259.2	262.0	-	-	-	-	-	-	12	
14	250.7	272.9	252.3	274.5	252.3	272.0	229.7	259.5	197.3	205.6	-	-	-	-	14	
16	228.9	243.7	231.1	245.7	215.4	245.3	194.7	243.2	169.5	202.9	-	-	-	-	16	
18	200.3	217.7	200.8	219.8	180.5	219.8	165.4	218.6	146.8	200.2	136.7	159.2	-	-	18	
20	169.2	193.7	168.3	195.9	156.0	195.9	140.2	194.6	131.7	195.0	118.5	158.6	109.3	129.8	20	
24	110.7	156.2	116.5	158.3	116.8	158.3	113.8	160.5	103.7	159.0	96.0	152.3	90.1	128.9	24	
28	79.9	129.8	86.5	132.6	89.3	134.3	89.5	133.8	84.3	132.3	79.9	131.4	75.0	124.5	28	
32	61.0	86.2	66.9	113.4	69.3	114.5	69.8	114.1	68.9	114.9	69.2	114.5	64.6	107.8	32	
36	-	-	54.8	99.3	57.1	100.3	57.5	99.8	59.0	101.6	58.2	100.2	56.0	90.7	36	
40	-	-	44.6	86.6	47.2	87.6	49.0	89.8	48.7	88.9	48.3	87.0	48.7	80.4	40	
48	-	-	-	-	35.5	69.6	36.4	71.9	35.9	71.0	36.8	65.4	36.4	62.4	48	
56	-	-	-	-	27.3	56.4	28.0	56.7	28.5	55.6	28.7	52.6	28.7	52.3	56	
64	-	-	-	-	-	-	22.2	44.1	23.1	43.1	22.9	44.0	22.9	42.8	64	
72	-	-	-	-	-	-	17.9	35.7	18.8	36.9	18.6	36.3	18.6	34.5	72	
80	-	-	-	-	-	-	-	-	15.5	30.9	15.5	30.1	15.5	29.8	80	
88	-	-	-	-	-	-	-	-	13.2	18.7	12.9	25.5	12.9	26.0	88	
96	-	-	-	-	-	-	-	-	-	-	10.9	22.5	10.7	22.4	96	
104	-	-	-	-	-	-	-	-	-	-	9.2	18.0	9.0	19.6	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	7.6	14.7	112	
120	-	-	-	-	-	-	-	-	-	-	-	-	6.4	13.6	120	
1)	46.7	46.7	34.2	34.2	23.1	26.2	16.8	20.7	12.8	16.5	9.3	13.0	6.8	10.1	1)	

 360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
139.1 ft	139.1 ft	153.2 ft	153.2 ft	166.3 ft	166.3 ft	180.1 ft	180.1 ft	194.9 ft	194.9 ft	209.0 ft	209.0 ft	229.7 ft	229.7 ft	229.7 ft	229.7 ft	
1,000 lbs																
ft																ft
24	80.9	105.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	71.7	102.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	60.9	97.0	59.2	83.7	-	-	-	-	-	-	-	-	-	-	-	32
36	54.4	84.1	52.3	75.7	47.5	68.6	-	-	-	-	-	-	-	-	-	36
40	47.9	73.1	45.5	68.0	44.0	65.9	40.9	58.4	-	-	-	-	-	-	-	40
48	36.4	58.9	35.5	56.3	34.8	53.7	32.4	49.8	29.3	46.7	25.5	41.8	-	-	-	48
56	28.1	47.6	27.3	46.1	27.5	44.4	26.0	43.4	23.3	39.7	21.0	37.0	18.5	31.2	-	56
64	22.3	39.8	21.5	38.6	21.6	38.2	20.7	36.1	18.7	32.8	16.7	31.5	14.4	28.5	-	64
72	17.9	34.7	17.3	33.6	17.3	33.0	16.4	30.1	15.1	28.8	13.1	26.4	11.1	23.7	-	72
80	14.8	29.1	14.1	29.6	14.1	28.2	13.2	26.0	12.1	24.6	10.2	22.0	8.3	19.5	-	80
88	12.3	25.6	11.6	25.3	11.6	23.8	10.7	22.9	9.6	21.3	7.9	18.8	6.1	16.4	-	88
96	10.3	22.2	9.6	21.8	9.6	20.0	8.7	19.9	7.6	18.0	6.0	16.0	4.1	13.8	-	96
104	8.6	19.1	7.9	18.9	7.9	17.5	7.0	17.0	5.9	15.3	4.4	13.3	2.6	11.3	-	104
112	7.0	16.6	6.3	16.2	6.5	15.8	5.4	14.9	4.3	12.9	-	11.1	-	9.2	-	112
120	5.9	14.7	5.0	13.8	5.2	13.9	4.1	12.8	3.0	11.1	-	9.1	-	7.3	-	120
128	4.6	12.7	3.9	11.8	4.0	12.0	2.9	10.9	-	9.5	-	7.6	-	5.6	-	128
136	3.7	11.1	2.8	10.1	2.9	10.3	-	9.2	-	7.9	-	6.4	-	4.4	-	136
144	-	-	-	6.2	-	8.7	-	7.6	-	6.5	-	5.3	-	3.4	-	144
152	-	-	-	-	-	6.0	-	6.5	-	5.1	-	4.0	-	-	-	152
160	-	-	-	-	-	-	-	5.6	-	4.2	-	3.0	-	-	-	160
168	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-	168
176	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-	-	176
1)	4.2	7.3	-	5.1	-	3.7	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 0 lbs		 23.00 ft x 29.10 ft								360° / Max.*				ASME B30.5				
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft	ft	41.7 ft	41.7 ft	55.4 ft	55.4 ft	69.6 ft	69.6 ft	83.3 ft	83.3 ft	97.4 ft	97.4 ft	111.2 ft	111.2 ft	125.3 ft	125.3 ft	125.3 ft	125.3 ft	ft
1,000 lbs																		ft
10	285.8	286.6	285.9	286.6	280.4	286.6	237.1	263.3	-	-	-	-	-	-	-	-	-	10
12	270.8	282.0	257.4	282.7	215.3	282.7	174.2	262.0	-	-	-	-	-	-	-	-	-	12
14	223.1	256.7	189.3	258.8	159.2	258.8	142.3	252.2	121.0	205.6	-	-	-	-	-	-	-	14
16	162.1	222.3	143.1	224.6	129.8	224.6	114.7	223.3	102.4	202.9	-	-	-	-	-	-	-	16
18	123.6	194.7	116.0	197.1	108.3	197.1	96.7	196.0	90.2	184.9	80.7	154.8	-	-	-	-	-	18
20	91.1	170.0	96.3	172.4	89.5	173.9	83.4	174.5	77.0	162.1	72.1	146.4	64.8	122.8	-	-	-	20
24	57.3	136.8	65.3	140.4	67.2	141.1	64.3	133.9	61.0	121.7	56.7	106.4	52.0	94.7	-	-	-	24
28	39.5	113.3	46.2	116.6	50.8	111.5	50.8	105.4	49.1	93.6	45.9	83.4	42.2	76.8	-	-	-	28
32	28.7	82.3	34.6	94.1	38.7	90.2	39.8	83.0	40.1	72.3	38.0	70.1	35.0	64.4	-	-	-	32
36	-	-	27.5	76.2	31.2	74.5	32.2	68.8	33.2	62.2	32.0	58.9	29.8	54.5	-	-	-	36
40	-	-	21.4	61.3	24.9	59.8	25.8	55.7	26.9	55.2	26.7	51.1	25.3	48.6	-	-	-	40
48	-	-	-	-	17.3	42.0	18.2	43.0	19.0	41.1	19.0	39.7	18.8	38.5	-	-	-	48
56	-	-	-	-	12.3	32.3	13.1	33.3	14.0	32.3	13.9	32.0	13.8	30.7	-	-	-	56
64	-	-	-	-	-	-	9.6	25.8	10.4	26.5	10.4	25.7	10.3	25.1	-	-	-	64
72	-	-	-	-	-	-	7.1	20.4	7.8	21.3	7.8	21.0	7.6	20.2	-	-	-	72
80	-	-	-	-	-	-	-	-	5.9	17.3	5.7	17.1	5.7	16.5	-	-	-	80
88	-	-	-	-	-	-	-	-	4.3	14.3	4.0	14.1	3.9	14.0	-	-	-	88
96	-	-	-	-	-	-	-	-	-	-	-	11.7	-	11.7	-	-	-	96
104	-	-	-	-	-	-	-	-	-	-	-	9.7	-	9.7	-	-	-	104
112	-	-	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	112
120	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-	-	120
1)	26.9	46.7	15.2	34.2	9.7	26.2	6.4	19.0	4.0	13.9	-	9.9	-	6.8	-	-	-	1)

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft	ft	139.1 ft	139.1 ft	153.2 ft	153.2 ft	166.3 ft	166.3 ft	180.1 ft	180.1 ft	194.9 ft	194.9 ft	209.0 ft	209.0 ft	229.7 ft	229.7 ft	229.7 ft	229.7 ft	ft
1,000 lbs																		ft
24	45.6	83.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	39.0	71.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	32.3	60.4	30.0	56.7	-	-	-	-	-	-	-	-	-	-	-	-	-	32
36	27.4	52.6	25.4	49.4	24.3	46.1	-	-	-	-	-	-	-	-	-	-	-	36
40	23.1	45.0	21.3	42.6	20.5	41.1	18.1	37.1	-	-	-	-	-	-	-	-	-	40
48	17.0	35.2	15.6	33.0	15.1	32.1	13.0	29.5	10.6	25.9	7.0	21.8	-	-	-	-	-	48
56	12.7	28.6	11.4	26.3	11.0	25.4	9.2	23.2	7.0	20.7	5.1	18.1	-	15.2	-	-	-	56
64	9.4	23.3	8.3	21.8	7.9	20.7	6.3	18.5	4.2	16.2	-	14.0	-	11.6	-	-	-	64
72	6.9	19.0	5.8	17.9	5.6	17.1	3.8	14.8	-	12.6	-	10.7	-	8.7	-	-	-	72
80	4.8	15.8	3.7	14.5	3.5	14.3	-	12.2	-	9.8	-	8.0	-	5.8	-	-	-	80
88	3.2	12.5	-	11.7	-	11.8	-	9.9	-	7.7	-	5.6	-	3.5	-	-	-	88
96	-	10.3	-	9.2	-	9.3	-	7.9	-	6.0	-	3.9	-	-	-	-	-	96
104	-	8.6	-	7.4	-	7.3	-	6.0	-	4.2	-	2.4	-	-	-	-	-	104
112	-	7.2	-	6.1	-	5.7	-	4.6	-	-	-	-	-	-	-	-	-	112
120	-	5.6	-	4.8	-	4.4	-	3.2	-	-	-	-	-	-	-	-	-	120
128	-	4.4	-	3.5	-	3.4	-	-	-	-	-	-	-	-	-	-	-	128
136	-	3.5	-	2.4	-	2.6	-	-	-	-	-	-	-	-	-	-	-	136
1)	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Operation

HA

 113,800 lbs		 18.20 ft x 29.10 ft		360° / Max.*								ASME B30.5				
		360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft	
1,000 lbs																ft
10	-	286.6	-	286.6	-	286.6	-	263.3	-	-	-	-	-	-	-	10
12	-	285.9	-	286.3	-	285.6	-	262.0	-	-	-	-	-	-	-	12
14	-	273.8	-	274.9	-	273.3	-	259.5	-	205.6	-	-	-	-	-	14
16	-	251.3	-	253.2	-	252.7	-	248.8	-	202.9	-	-	-	-	-	16
18	-	233.1	-	235.0	-	235.0	-	232.7	-	200.2	-	159.2	-	-	-	18
20	184.7	216.1	186.8	217.7	186.8	217.6	187.6	216.5	170.6	197.0	153.7	158.6	129.6	129.8	20	
24	145.4	185.6	148.3	187.5	149.9	187.3	148.8	186.2	138.4	182.9	133.3	157.4	121.8	128.9	24	
28	111.1	157.5	115.4	159.9	116.6	159.8	116.2	158.7	118.0	160.5	112.1	152.8	103.1	126.9	28	
32	81.1	92.7	92.5	137.5	93.9	137.5	96.5	139.4	95.6	137.9	93.7	136.2	90.2	123.8	32	
36	-	-	78.4	120.6	81.2	120.5	81.5	122.5	80.6	120.9	79.1	119.2	77.4	115.7	36	
40	-	-	66.5	103.9	68.3	108.0	68.7	107.4	67.6	105.8	67.4	107.8	67.9	106.0	40	
48	-	-	-	-	52.2	87.0	52.4	86.5	51.5	87.5	53.2	87.0	51.9	85.2	48	
56	-	-	-	-	41.5	68.5	41.6	71.8	43.0	73.2	42.3	71.9	41.7	70.3	56	
64	-	-	-	-	-	-	34.7	62.8	35.1	62.0	34.6	60.9	34.5	59.2	64	
72	-	-	-	-	-	-	29.7	51.2	29.4	53.5	29.0	52.2	29.4	50.7	72	
80	-	-	-	-	-	-	-	-	25.0	46.8	25.6	45.6	25.2	43.9	80	
88	-	-	-	-	-	-	-	-	18.7	18.7	22.2	40.3	21.7	38.5	88	
96	-	-	-	-	-	-	-	-	-	-	19.3	35.8	18.9	35.7	96	
104	-	-	-	-	-	-	-	-	-	-	17.2	18.0	16.6	33.0	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	14.7	14.7	112	
120	-	-	-	-	-	-	-	-	-	-	-	-	13.4	13.6	120	
1)	46.7	46.7	34.2	34.2	26.2	26.2	20.7	20.7	16.5	16.5	13.0	13.0	10.1	10.1	1)	

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																ft
24	104.8	105.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	96.2	102.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	85.4	97.0	78.5	83.7	-	-	-	-	-	-	-	-	-	-	-	32
36	75.5	90.5	71.1	80.1	65.6	71.0	-	-	-	-	-	-	-	-	-	36
40	66.5	84.2	64.7	76.0	60.8	69.6	56.8	59.2	-	-	-	-	-	-	-	40
48	50.7	73.3	51.5	67.1	50.8	63.1	49.1	56.8	46.5	49.8	41.7	42.2	-	-	-	48
56	41.4	64.7	41.1	59.1	41.5	56.4	40.9	52.0	39.1	47.9	37.4	41.4	31.2	31.2	-	56
64	34.7	57.0	34.7	51.9	33.8	50.1	33.2	46.9	32.5	44.4	31.6	39.7	29.2	30.2	-	64
72	29.2	50.0	29.0	45.8	28.1	44.7	28.3	42.2	27.2	40.4	26.4	37.1	25.0	28.7	-	72
80	24.8	44.5	24.5	41.3	23.8	39.7	23.9	37.9	23.0	36.7	22.1	34.6	21.1	27.0	-	80
88	21.4	39.7	21.0	37.4	21.0	35.6	20.4	34.0	19.5	33.2	18.6	31.9	17.7	24.6	-	88
96	18.9	35.2	18.2	33.5	18.2	32.1	17.6	30.7	16.7	30.0	15.8	29.0	14.8	22.3	-	96
104	16.4	31.3	15.9	29.6	15.9	29.2	15.1	27.7	14.4	27.2	13.5	26.3	12.4	20.1	-	104
112	14.5	28.0	13.8	25.8	14.0	26.3	13.1	25.2	12.3	24.8	11.4	24.1	10.5	18.0	-	112
120	12.8	24.8	12.2	24.2	12.2	23.0	11.5	23.2	10.6	22.5	9.8	22.0	8.9	15.9	-	120
128	11.3	17.4	10.7	22.7	10.7	21.3	10.0	21.6	9.1	20.7	8.3	20.3	7.3	14.3	-	128
136	10.2	13.2	9.5	20.8	9.5	20.1	8.7	20.1	7.8	19.3	6.9	18.7	5.8	12.9	-	136
144	-	-	6.2	12.8	8.4	18.8	7.5	18.6	6.7	17.7	5.6	16.8	4.5	11.7	-	144
152	-	-	-	-	5.2	16.4	6.5	16.5	5.6	15.8	4.5	15.0	3.2	10.4	-	152
160	-	-	-	-	-	-	5.6	14.7	4.5	14.0	3.4	13.2	-	9.4	-	160
168	-	-	-	-	-	-	-	-	3.6	12.6	-	11.7	-	8.6	-	168
176	-	-	-	-	-	-	-	-	2.8	11.2	-	10.3	-	7.6	-	176
184	-	-	-	-	-	-	-	-	-	-	-	9.2	-	6.8	-	184
192	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0	-	192
200	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	200
208	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	208
216	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2	-	216
1)	7.3	7.3	5.1	5.1	3.7	3.7	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 41,200 lbs		 18.20 ft x 29.10 ft		360° / Max.*								ASME B30.5				
		360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft	
1,000 lbs																ft
10		284.1	286.6	284.3	286.6	281.1	286.6	238.7	263.3	-	-	-	-	-	-	10
12		253.2	285.9	249.5	286.3	220.9	285.6	192.1	262.0	-	-	-	-	-	-	12
14		221.1	272.9	201.2	274.5	179.4	272.0	157.7	259.5	144.4	205.6	-	-	-	-	14
16		176.6	243.7	165.8	245.7	148.2	245.3	138.1	243.2	123.2	202.9	-	-	-	-	16
18		139.5	217.7	138.3	219.8	128.3	219.8	120.1	218.6	107.8	200.2	100.0	159.2	-	-	18
20		107.6	193.7	113.6	195.9	112.7	195.9	104.2	194.6	96.3	195.0	90.5	158.6	81.6	129.8	20
24		74.9	156.2	81.5	158.3	84.3	158.3	82.2	160.5	79.6	159.0	73.8	151.5	68.8	128.9	24
28		55.7	129.8	61.5	132.6	63.9	134.3	65.1	133.8	65.1	132.3	61.4	130.8	59.4	118.5	28
32		43.2	86.2	48.4	113.4	51.3	114.5	53.1	114.1	52.7	114.9	52.9	109.8	50.6	97.4	32
36		-	-	40.0	99.3	43.3	100.3	44.3	99.8	44.4	99.9	44.9	92.1	43.6	83.6	36
40		-	-	32.7	86.1	35.8	87.2	36.7	89.4	37.8	85.0	37.6	78.6	37.6	73.5	40
48		-	-	-	-	26.6	67.4	27.3	67.4	28.2	65.0	28.1	60.1	28.1	58.9	48
56		-	-	-	-	20.2	51.1	21.0	51.4	21.9	49.4	21.7	48.7	21.7	47.4	56
64		-	-	-	-	-	-	16.5	39.9	17.3	40.6	17.1	40.5	17.1	37.9	64
72		-	-	-	-	-	-	13.3	32.9	14.0	33.5	13.7	32.8	13.7	32.3	72
80		-	-	-	-	-	-	-	-	11.3	27.8	11.1	27.3	11.1	27.7	80
88		-	-	-	-	-	-	-	-	9.4	18.7	9.2	23.8	9.1	23.5	88
96		-	-	-	-	-	-	-	-	-	-	7.5	20.8	7.5	20.4	96
104		-	-	-	-	-	-	-	-	-	-	6.1	18.0	6.1	17.7	104
112		-	-	-	-	-	-	-	-	-	-	-	-	4.8	14.7	112
120		-	-	-	-	-	-	-	-	-	-	-	-	3.7	13.6	120
1)		41.0	46.7	24.9	34.2	17.2	26.2	12.1	20.7	9.0	16.5	6.4	13.0	4.0	10.1	1)

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																ft
24	64.1	105.2	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	55.5	102.5	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	47.4	90.0	44.8	82.0	-	-	-	-	-	-	-	-	-	-	-	32
36	41.4	77.6	39.1	72.1	37.7	65.6	-	-	-	-	-	-	-	-	-	36
40	35.8	69.1	34.0	66.5	32.9	60.7	30.3	56.6	-	-	-	-	-	-	-	40
48	27.4	55.2	26.5	52.5	25.8	50.1	23.5	48.6	20.9	45.1	17.4	40.8	-	-	-	48
56	21.0	44.9	20.4	42.8	20.4	42.4	18.5	39.7	16.3	36.1	14.1	34.1	11.8	30.5	-	56
64	16.5	37.7	15.8	37.1	16.0	35.2	14.6	32.7	12.6	31.5	10.6	28.5	8.5	25.9	-	64
72	13.1	31.4	12.4	31.7	12.6	29.7	11.5	28.5	9.5	25.9	7.8	23.7	5.8	21.2	-	72
80	10.7	27.5	10.0	26.2	10.0	24.9	9.1	24.5	7.2	22.0	5.6	19.5	3.7	17.3	-	80
88	8.6	23.0	8.0	22.7	8.0	21.3	7.1	20.6	5.3	18.8	3.6	16.5	-	14.0	-	88
96	6.9	19.8	6.2	19.1	6.2	19.0	5.3	17.4	3.6	15.7	-	13.8	-	11.8	-	96
104	5.5	17.5	4.6	16.1	4.8	16.2	3.7	15.1	-	13.1	-	11.3	-	9.3	-	104
112	4.1	15.1	3.2	14.2	3.2	13.6	-	12.4	-	11.1	-	9.2	-	7.2	-	112
120	2.9	13.0	-	12.1	-	12.1	-	10.4	-	9.3	-	7.6	-	5.6	-	120
128	-	11.2	-	10.2	-	10.4	-	8.9	-	7.5	-	6.3	-	4.4	-	128
136	-	9.6	-	8.7	-	8.7	-	7.6	-	6.0	-	4.8	-	3.2	-	136
144	-	-	-	4.7	-	7.3	-	6.2	-	4.9	-	3.6	-	-	-	144
152	-	-	-	-	-	4.9	-	5.1	-	3.9	-	-	-	-	-	152
160	-	-	-	-	-	-	-	4.2	-	3.1	-	-	-	-	-	160
1)	-	7.3	-	5.1	-	3.7	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

 0 lbs		 18.20 ft x 29.10 ft								360° / Max.*				ASME B30.5			
		360° 41.7 ft	Max. 41.7 ft	360° 55.4 ft	Max. 55.4 ft	360° 69.6 ft	Max. 69.6 ft	360° 83.3 ft	Max. 83.3 ft	360° 97.4 ft	Max. 97.4 ft	360° 111.2 ft	Max. 111.2 ft	360° 125.3 ft	Max. 125.3 ft		
1,000 lbs																ft	
10		250.4	286.6	199.6	286.6	166.0	286.6	139.8	263.3	-	-	-	-	-	-	10	
12		165.5	282.0	142.1	282.7	126.6	282.7	109.2	262.0	-	-	-	-	-	-	12	
14		119.7	256.7	111.7	258.8	100.2	258.8	91.4	252.2	83.3	205.6	-	-	-	-	14	
16		91.0	222.3	88.9	224.6	82.9	224.6	76.2	223.3	70.9	202.9	-	-	-	-	16	
18		70.7	194.7	74.1	197.1	70.9	197.1	65.5	195.6	61.6	172.4	56.4	145.7	-	-	18	
20		52.9	170.0	60.9	172.4	60.1	173.6	56.3	171.6	53.3	145.1	49.2	128.3	44.0	112.9	20	
24		34.7	136.8	41.5	139.5	45.5	132.8	43.8	121.2	42.0	107.4	38.9	94.8	35.5	88.3	24	
28		24.1	108.1	29.9	106.8	34.0	98.9	34.7	91.3	33.8	81.3	31.6	76.2	28.8	70.1	28	
32		17.3	80.1	22.5	84.3	26.1	78.4	27.2	72.3	27.6	67.3	25.9	62.9	23.9	58.3	32	
36	-	-	-	17.6	66.1	21.0	62.9	22.0	59.5	22.8	57.4	21.8	52.5	20.1	50.3	36	
40	-	-	-	13.5	52.2	16.7	52.0	17.6	50.3	18.5	48.1	18.1	46.6	16.8	43.2	40	
48	-	-	-	-	-	11.2	37.8	12.0	37.6	13.0	36.1	12.8	36.2	12.0	34.3	48	
56	-	-	-	-	-	7.5	28.7	8.3	28.7	9.2	28.9	8.9	28.1	8.6	27.5	56	
64	-	-	-	-	-	-	-	5.6	22.8	6.4	23.2	6.2	22.7	6.0	22.0	64	
72	-	-	-	-	-	-	-	3.4	18.0	4.2	18.6	4.0	18.2	4.0	17.5	72	
80	-	-	-	-	-	-	-	-	-	-	15.2	-	14.7	-	14.7	80	
88	-	-	-	-	-	-	-	-	-	-	12.4	-	12.2	-	11.8	88	
96	-	-	-	-	-	-	-	-	-	-	-	-	10.1	-	9.5	96	
104	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-	7.8	104	
112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5	112	
120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.3	120	
1)		16.1	46.7	9.0	34.2	5.5	23.8	2.6	16.5	-	12.1	-	8.6	-	5.5	1)	

		360° 139.1 ft	Max. 139.1 ft	360° 153.2 ft	Max. 153.2 ft	360° 166.3 ft	Max. 166.3 ft	360° 180.1 ft	Max. 180.1 ft	360° 194.9 ft	Max. 194.9 ft	360° 209.0 ft	Max. 209.0 ft	360° 229.7 ft	Max. 229.7 ft	
1,000 lbs																ft
24	30.5	75.0	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	26.3	65.2	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	21.6	55.6	19.8	51.5	-	-	-	-	-	-	-	-	-	-	-	32
36	18.1	47.0	16.5	44.3	15.7	42.5	-	-	-	-	-	-	-	-	-	36
40	15.1	40.9	13.5	38.5	12.9	36.8	10.9	34.0	-	-	-	-	-	-	-	40
48	10.5	31.4	9.2	29.9	8.8	29.1	6.9	26.1	-	23.4	-	19.6	-	-	-	48
56	7.2	25.4	6.0	23.4	5.7	22.8	4.0	20.7	-	18.0	-	15.6	-	13.3	-	56
64	4.7	20.5	3.5	19.2	3.3	18.3	-	16.2	-	14.2	-	12.1	-	9.5	-	64
72	2.7	16.6	-	15.3	-	15.1	-	12.8	-	10.9	-	8.9	-	6.9	-	72
80	-	13.2	-	12.3	-	12.1	-	10.4	-	8.2	-	6.2	-	4.1	-	80
88	-	10.8	-	9.6	-	9.6	-	8.1	-	6.3	-	4.3	-	-	-	88
96	-	8.8	-	7.8	-	7.5	-	6.1	-	4.3	-	-	-	-	-	96
104	-	6.8	-	6.0	-	5.9	-	4.4	-	2.6	-	-	-	-	-	104
112	-	5.2	-	4.3	-	4.6	-	3.0	-	-	-	-	-	-	-	112
120	-	4.2	-	3.1	-	3.2	-	-	-	-	-	-	-	-	-	120
128	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	128
136	-	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	136
1)	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

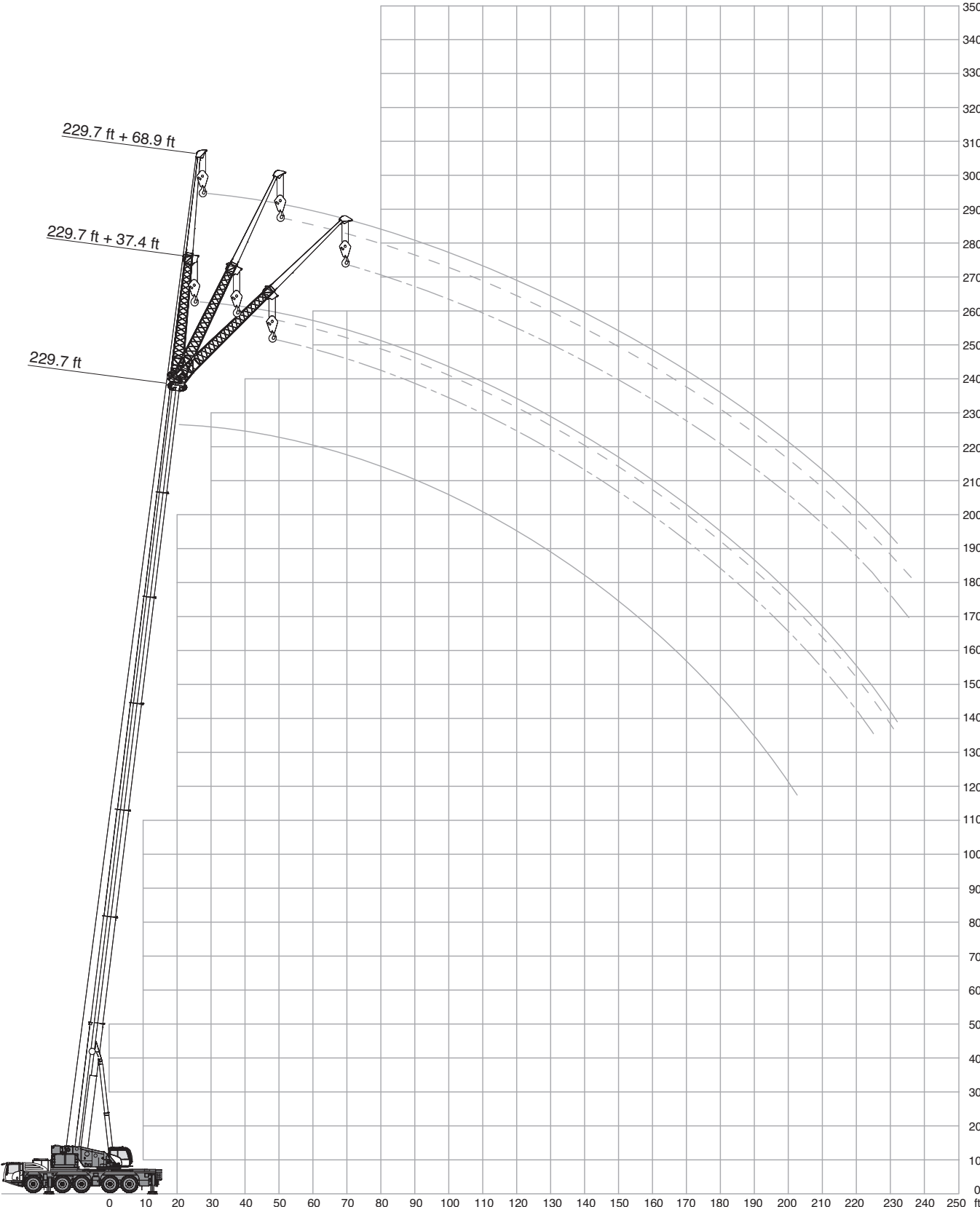
 0 lbs		 9.00 ft x 29.10 ft		360° / Max.*								ASME B30.5				
 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°
41.7 ft	41.7 ft	55.4 ft	55.4 ft	69.6 ft	69.6 ft	83.3 ft	83.3 ft	97.4 ft	97.4 ft	111.2 ft	111.2 ft	125.3 ft	125.3 ft	125.3 ft	125.3 ft	125.3 ft
1,000 lbs																
ft																ft
10	53.5	286.6	53.5	286.6	51.0	155.7	46.7	99.8	-	-	-	-	-	-	-	10
12	39.9	282.0	42.4	282.7	41.5	157.1	38.6	101.2	-	-	-	-	-	-	-	12
14	29.6	256.7	34.1	258.8	34.6	159.2	32.4	101.0	30.5	73.5	-	-	-	-	-	14
16	21.9	222.3	27.6	224.6	29.0	164.3	27.4	102.4	26.0	74.4	-	-	-	-	-	16
18	16.8	194.7	22.5	197.1	24.8	170.6	23.6	104.5	22.5	73.9	20.6	56.6	-	-	-	18
20	12.3	170.0	17.8	171.2	20.9	171.2	20.1	106.7	19.2	74.9	17.7	57.2	14.9	43.5	-	20
24	6.1	131.6	11.8	125.5	15.1	114.0	15.0	104.1	14.7	77.2	13.4	58.5	11.8	44.6	-	24
28	-	88.2	7.5	89.7	10.8	86.8	11.2	80.6	11.3	74.1	10.1	58.5	9.0	45.5	-	28
32	-	60.1	4.0	66.5	7.8	66.8	8.3	62.5	8.5	61.6	7.5	55.3	6.6	46.5	-	32
36	-	-	-	51.6	5.3	53.1	6.1	52.6	6.4	50.8	5.6	48.7	4.8	43.7	-	36
40	-	-	-	39.6	-	43.7	-	44.2	4.6	42.7	-	42.1	-	39.8	-	40
48	-	-	-	-	-	30.8	-	31.9	-	32.1	-	31.9	-	30.8	-	48
56	-	-	-	-	-	23.4	-	24.1	-	24.7	-	24.5	-	24.1	-	56
64	-	-	-	-	-	-	-	18.8	-	19.5	-	19.1	-	18.9	-	64
72	-	-	-	-	-	-	-	14.6	-	15.3	-	15.1	-	14.9	-	72
80	-	-	-	-	-	-	-	-	-	12.4	-	11.9	-	11.9	-	80
88	-	-	-	-	-	-	-	-	-	9.9	-	9.6	-	9.4	-	88
96	-	-	-	-	-	-	-	-	-	-	-	7.6	-	7.4	-	96
104	-	-	-	-	-	-	-	-	-	-	-	5.9	-	5.9	-	104
112	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3	-	112
120	-	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	120
1)	-	46.7	-	30.2	-	20.1	-	13.9	-	9.7	-	6.2	-	3.5	-	1)

 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.	 360°	Max.
139.1 ft	139.1 ft	153.2 ft	153.2 ft	166.3 ft	166.3 ft	180.1 ft	180.1 ft	194.9 ft	194.9 ft	209.0 ft	209.0 ft	229.7 ft	229.7 ft	229.7 ft	229.7 ft	229.7 ft	229.7 ft
1,000 lbs																	
ft																	ft
24	-	33.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
28	-	35.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28
32	-	36.4	-	29.0	-	-	-	-	-	-	-	-	-	-	-	-	32
36	-	37.2	-	29.5	-	24.6	-	-	-	-	-	-	-	-	-	-	36
40	-	37.2	-	29.9	-	25.0	-	19.4	-	-	-	-	-	-	-	-	40
48	-	28.7	-	27.1	-	24.7	-	20.1	-	14.2	-	9.2	-	-	-	-	48
56	-	22.6	-	21.1	-	20.7	-	18.5	-	14.7	-	10.3	-	6.1	-	-	56
64	-	17.8	-	16.7	-	16.2	-	14.4	-	12.4	-	9.9	-	6.5	-	-	64
72	-	14.2	-	13.1	-	12.9	-	11.1	-	9.3	-	7.3	-	5.1	-	-	72
80	-	11.0	-	10.2	-	10.2	-	8.4	-	6.7	-	4.7	-	-	-	-	80
88	-	8.5	-	7.7	-	7.7	-	6.3	-	4.4	-	-	-	-	-	-	88
96	-	6.5	-	5.6	-	5.6	-	4.5	-	2.7	-	-	-	-	-	-	96
104	-	4.8	-	4.1	-	4.1	-	2.8	-	-	-	-	-	-	-	-	104
112	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	112
1)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

Notes



Operation

HAV

 154,800 lbs								 27.60 ft x 29.10 ft								360°								ASME B30.5							
 41.7 ft																 125.3 ft															
		37.4 ft			68.9 ft							37.4 ft			68.9 ft																
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°																
ft		1,000 lbs																													
10		41.2	-	-	-	-	-	28		41.2	-	-	-	-	-	-															
12		41.2	-	-	23.3	-	-	32		41.2	-	-	19.0	-	-	-															
14		41.2	-	-	23.0	-	-	36		41.2	-	-	18.6	-	-	-															
16		41.2	-	-	22.8	-	-	40		41.2	30.7	-	18.3	-	-	-															
18		41.2	-	-	22.4	-	-	48		40.9	28.6	21.8	17.6	-	-	-															
20		41.2	35.0	-	22.0	-	-	56		38.8	26.9	21.0	17.0	13.1	-	-															
24		41.2	32.2	-	21.4	-	-	64		35.3	25.4	20.4	16.3	12.3	-	-															
28		39.8	29.9	-	20.5	-	-	72		32.3	24.1	19.9	15.7	11.7	-	-															
32		36.3	27.8	22.7	19.4	-	-	80		29.9	22.8	19.3	15.0	11.2	9.0	-															
36		33.1	26.1	21.7	18.2	-	-	88		27.8	21.8	18.9	14.1	10.6	8.7	-															
40		30.3	24.5	20.8	17.0	13.6	-	96		25.9	20.8	18.5	13.3	10.2	8.6	-															
48		26.1	21.9	19.3	14.9	12.3	-	104		24.2	20.1	18.3	12.4	9.8	8.4	-															
56		22.6	20.0	18.6	13.2	11.2	-	112		22.9	19.4	18.3	11.6	9.5	8.2	-															
64		20.1	18.9	-	11.9	10.3	9.1	120		21.6	18.8	18.3	10.9	9.1	8.1	-															
72		-	-	-	10.6	9.5	8.6	128		20.5	18.4	18.1	10.4	8.7	7.9	-															
80		-	-	-	9.8	9.0	8.3	136		19.7	18.3	9.4	10.0	8.4	7.9	-															
88		-	-	-	9.1	8.5	8.2	144		19.0	18.3	-	9.5	8.4	7.9	-															
96		-	-	-	8.5	8.2	-	152		7.9	7.9	-	9.0	8.2	7.9	-															
								160		-	-	-	8.7	8.2	6.7	-															
								168		-	-	-	8.5	8.2	-	-															
								176		-	-	-	8.4	8.2	-	-															
								184		-	-	-	5.2	-	-	-															

 166.3 ft							
		37.4 ft			68.9 ft		
		0°	20°	40°	0°	20°	40°
ft		1,000 lbs					
40		39.2	-	-	16.5	-	-
48		38.2	-	-	16.0	-	-
56		36.9	27.3	-	15.6	-	-
64		35.2	26.0	20.6	15.3	-	-
72		33.1	24.7	20.1	14.8	12.1	-
80		31.5	23.6	19.5	14.3	11.6	-
88		29.7	22.7	19.1	13.9	11.1	8.9
96		28.0	21.8	18.8	13.5	10.7	8.7
104		26.2	21.0	18.4	13.1	10.2	8.6
112		24.3	20.3	18.1	12.8	9.9	8.4
120		22.3	19.7	18.0	12.2	9.6	8.2
128		20.3	19.2	17.7	11.7	9.4	8.2
136		18.3	18.5	17.3	11.1	9.1	8.0
144		16.8	17.0	16.4	10.6	8.8	7.9
152		15.5	15.7	15.3	10.3	8.6	7.9
160		14.4	14.4	14.4	9.8	8.4	7.9
168		13.3	13.4	-	9.5	8.2	7.9
176		12.1	12.5	-	9.1	8.2	7.9
184		10.9	11.2	-	8.8	8.0	7.9
192		-	-	-	8.6	7.9	-
200		-	-	-	8.4	7.9	-
208		-	-	-	8.0	7.9	-
216		-	-	-	7.3	7.7	-

 229.7 ft							
		37.4 ft			68.9 ft		
		0°	20°	40°	0°	20°*	40°*
ft		1,000 lbs					
72		18.5	-	-	10.8	-	-
80		18.4	-	-	10.8	-	-
88		18.0	17.6	-	10.6	-	-
96		17.4	16.8	16.3	10.6	-	-
104		16.6	16.0	15.5	10.4	10.2	-
112		16.0	15.2	14.7	10.3	9.9	8.2
120		14.9	14.4	14.2	10.1	9.6	8.2
128		13.6	13.7	13.6	10.0	9.4	8.0
136		12.2	12.4	12.6	9.8	9.1	7.9
144		10.9	11.3	11.5	9.3	8.8	7.9
152		9.8	10.2	10.4	8.7	8.7	7.7
160		8.8	9.2	9.4	8.2	8.3	7.7
168		7.9	8.4	8.4	7.7	8.0	7.6
176		7.0	7.4	7.4	7.1	7.8	7.5
184		6.1	6.6	6.6	6.4	7.3	7.2
192		5.4	5.8	5.8	5.6	6.7	6.7
200		4.7	5.0	5.0	4.8	6.2	6.3
208		4.1	4.2	4.2	4.1	5.6	5.9
216		3.6	3.6	3.6	3.6	5.1	5.3
224		3.0	3.0	-	3.0	4.7	4.8
232		-	-	-	-	4.3	4.3
240		-	-	-	-	3.9	3.9
248		-	-	-	-	3.5	-

 *225.7 ft

 113,800 lbs  27.60 ft x 29.10 ft								360°								ASME B30.5		
 41.7 ft								 125.3 ft										
 		37.4 ft			68.9 ft					37.4 ft			68.9 ft					
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°			
ft		1,000 lbs																
10		41.2	-	-	-	-	-	28		41.2	-	-	-	-	-			
12		41.2	-	-	23.3	-	-	32		41.2	-	-	19.0	-	-			
14		41.2	-	-	23.0	-	-	36		41.2	-	-	18.6	-	-			
16		41.2	-	-	22.8	-	-	40		41.2	30.7	-	18.3	-	-			
18		41.2	-	-	22.4	-	-	48		40.9	28.6	21.8	17.6	-	-			
20		41.2	35.0	-	22.0	-	-	56		38.8	26.9	21.0	17.0	13.1	-			
24		41.2	32.2	-	21.4	-	-	64		35.3	25.4	20.4	16.3	12.3	-			
28		39.8	29.9	-	20.5	-	-	72		32.3	24.1	19.9	15.7	11.7	-			
32		36.3	27.8	22.7	19.4	-	-	80		29.9	22.8	19.3	15.0	11.2	9.0			
36		33.1	26.1	21.7	18.2	-	-	88		27.8	21.8	18.9	14.1	10.6	8.7			
40		30.3	24.5	20.8	17.0	13.6	-	96		25.9	20.8	18.5	13.3	10.2	8.6			
48		26.1	21.9	19.3	14.9	12.3	-	104		24.2	20.1	18.3	12.4	9.8	8.4			
56		22.6	20.0	18.6	13.2	11.2	-	112		22.9	19.4	18.3	11.6	9.5	8.2			
64		20.1	18.9	-	11.9	10.3	9.1	120		21.5	18.8	18.3	10.9	9.1	8.1			
72		-	-	-	10.6	9.5	8.6	128		19.9	18.4	18.1	10.4	8.7	7.9			
80		-	-	-	9.8	9.0	8.3	136		17.7	17.9	9.4	10.0	8.4	7.9			
88		-	-	-	9.1	8.5	8.2	144		15.7	16.2	-	9.5	8.4	7.9			
96		-	-	-	8.5	8.2	-	152		7.9	7.9	-	9.0	8.2	7.9			
								160		-	-	-	8.7	8.2	6.7			
								168		-	-	-	8.5	8.2	-			
								176		-	-	-	8.4	8.2	-			
								184		-	-	-	5.2	-	-			

 166.3 ft							
		37.4 ft			68.9 ft		
ft		0°	20°	40°	0°	20°	40°
1,000 lbs							
40		39.2	-	-	16.5	-	-
48		38.2	-	-	16.0	-	-
56		36.9	27.3	-	15.6	-	-
64		35.2	26.0	20.6	15.3	-	-
72		33.1	24.7	20.1	14.8	12.1	-
80		31.5	23.6	19.5	14.3	11.6	-
88		29.7	22.7	19.1	13.9	11.1	8.9
96		28.0	21.8	18.8	13.5	10.7	8.7
104		24.9	21.0	18.4	13.1	10.2	8.6
112		22.7	20.3	18.1	12.8	9.9	8.4
120		19.6	19.4	18.0	12.2	9.6	8.2
128		17.4	18.1	17.7	11.7	9.4	8.2
136		16.0	16.1	16.5	11.1	9.1	8.0
144		14.6	14.8	15.0	10.6	8.8	7.9
152		13.1	13.7	13.9	10.3	8.6	7.9
160		12.2	12.1	12.4	9.8	8.4	7.9
168		11.4	11.4	-	9.3	8.2	7.9
176		10.3	10.7	-	9.1	8.2	7.9
184		9.2	8.2	-	8.3	8.0	7.9
192		-	-	-	7.9	7.7	-
200		-	-	-	7.4	7.4	-
208		-	-	-	6.8	6.9	-
216		-	-	-	6.0	6.2	-

 229.7 ft							
		37.4 ft			68.9 ft		
ft		0°	20°	40°	0°	20°*	40°*
1,000 lbs							
72		18.5	-	-	10.8	-	-
80		18.4	-	-	10.8	-	-
88		18.0	17.6	-	10.6	-	-
96		17.4	16.8	16.3	10.6	-	-
104		16.6	16.0	15.5	10.4	10.2	-
112		16.0	15.2	14.7	10.3	9.9	8.2
120		14.9	14.4	14.2	10.1	9.6	8.2
128		13.6	13.7	13.6	10.0	9.4	8.0
136		12.2	12.4	12.6	9.8	9.1	7.9
144		10.9	11.3	11.5	9.3	8.8	7.9
152		9.8	10.2	10.4	8.7	8.7	7.7
160		8.7	9.2	9.4	8.2	8.3	7.7
168		7.5	8.2	8.4	7.5	8.0	7.6
176		6.1	7.0	7.4	6.5	7.8	7.5
184		5.0	5.8	6.2	5.4	6.9	7.2
192		4.0	4.6	5.1	4.2	6.0	6.7
200		3.0	3.7	4.0	3.3	5.0	5.9
208		-	-	-	-	4.1	4.9
216		-	-	-	-	3.1	3.8

 *225.7 ft

Operation

HAV

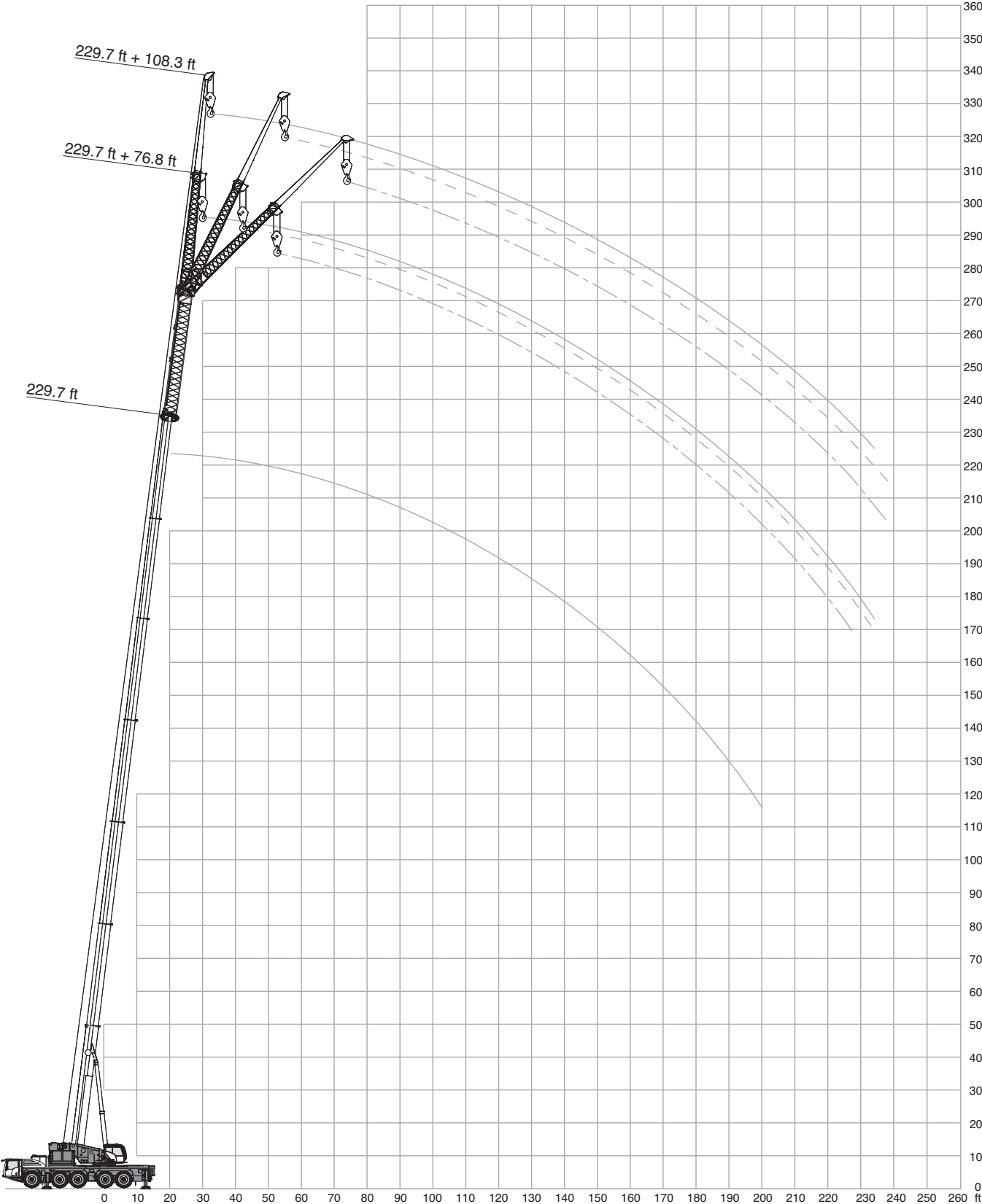
 41,200 lbs  27.60 ft x 29.10 ft								360°								ASME B30.5		
 41.7 ft								 125.3 ft										
 		37.4 ft			68.9 ft			 										
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°			
ft		1,000 lbs							ft		1,000 lbs							
10		41.2	-	-	-	-	-	28		41.2	-	-	-	-	-			
12		41.2	-	-	23.3	-	-	32		41.2	-	-	19.0	-	-			
14		41.2	-	-	23.0	-	-	36		41.2	-	-	18.6	-	-			
16		41.2	-	-	22.8	-	-	40		41.2	30.7	-	18.3	-	-			
18		41.2	-	-	22.4	-	-	48		40.9	28.6	21.8	17.6	-	-			
20		41.2	35.0	-	22.0	-	-	56		38.2	26.9	21.0	17.0	13.1	-			
24		41.2	32.2	-	21.4	-	-	64		33.3	25.4	20.4	16.3	12.3	-			
28		39.8	29.9	-	20.5	-	-	72		27.5	24.1	19.9	15.7	11.7	-			
32		36.3	27.8	22.7	19.4	-	-	80		23.4	22.3	19.3	15.0	11.2	9.0			
36		33.1	26.1	21.7	18.2	-	-	88		19.8	20.3	18.8	14.1	10.6	8.7			
40		30.3	24.5	20.8	17.0	13.6	-	96		16.9	17.9	17.9	13.3	10.2	8.6			
48		26.1	21.9	19.3	14.9	12.3	-	104		15.2	15.1	15.8	12.2	9.8	8.4			
56		22.6	20.0	18.6	13.2	11.2	-	112		12.9	14.0	13.8	11.4	9.5	8.2			
64		20.1	18.9	-	11.9	10.3	9.1	120		11.1	11.9	12.3	10.7	9.0	8.1			
72		-	-	-	10.6	9.5	8.6	128		9.5	10.1	10.2	9.9	8.7	7.9			
80		-	-	-	9.8	9.0	8.3	136		8.0	8.5	8.7	8.5	8.4	7.9			
88		-	-	-	9.1	8.5	8.2	144		6.9	7.1	-	7.3	8.4	7.9			
96		-	-	-	8.5	8.2	-	152		5.6	6.0	-	6.2	7.1	7.8			
								160		-	-	-	5.3	6.1	6.5			
								168		-	-	-	4.5	5.0	-			
								176		-	-	-	3.6	4.1	-			
								184		-	-	-	2.7	-	-			

 166.3 ft							
		37.4 ft			68.9 ft		
ft		0°	20°	40°	0°	20°	40°
1,000 lbs							
40		39.2	-	-	16.5	-	-
48		37.4	-	-	16.0	-	-
56		34.6	27.3	-	15.6	-	-
64		29.5	26.0	20.6	15.3	-	-
72		25.0	24.3	20.1	14.8	12.1	-
80		21.9	22.3	19.5	14.2	11.6	-
88		18.4	19.3	18.9	13.6	11.1	8.9
96		16.1	16.7	17.3	12.9	10.7	8.7
104		13.3	14.7	14.9	12.0	10.2	8.6
112		11.1	12.4	13.3	10.9	9.7	8.4
120		9.1	10.4	11.2	9.3	9.4	8.2
128		7.5	8.6	9.1	7.8	8.9	8.0
136		6.0	7.0	7.6	6.5	8.2	7.9
144		4.9	5.6	6.0	5.1	6.7	7.9
152		3.6	4.4	4.7	4.0	5.6	6.7
160		2.7	3.3	3.6	3.1	4.3	5.3
168		-	-	-	-	3.3	4.1
176		-	-	-	-	2.3	3.0

 229.7 ft							
		37.4 ft			68.9 ft		
ft		0°	20°	40°	0°	20°*	40°*
1,000 lbs							
72		18.1	-	-	10.8	-	-
80		14.0	-	-	10.7	-	-
88		10.7	13.5	-	9.5	-	-
96		8.0	10.5	12.7	6.9	-	-
104		5.8	8.0	10.0	4.9	9.1	-
112		3.9	5.8	7.6	-	6.9	8.2
120		-	4.0	5.6	-	5.1	7.8
128		-	-	4.0	-	3.6	6.4
136		-	-	-	-	-	4.8
144		-	-	-	-	-	3.4

 *225.7 ft

 *225.7 ft



Operation

HAV-VA

154,800 lbs								360°								ASME B30.5															
41.7 ft																125.3 ft															
		76.8 ft						108.3 ft								76.8 ft						108.3 ft									
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°								
ft		1,000 lbs																													
16		40.7	-	-	-	-	-	40		27.6	-	-	14.7	-	-																
18		39.0	-	-	-	-	-	48		25.5	-	-	14.3	-	-																
20		37.0	-	-	18.3	-	-	56		23.4	20.1	-	13.9	-	-																
24		33.6	-	-	17.9	-	-	64		21.5	18.6	16.8	13.3	-	-																
28		30.5	-	-	17.5	-	-	72		19.9	17.4	15.9	12.8	11.7	-																
32		28.0	24.9	-	17.3	-	-	80		18.5	16.4	15.1	12.2	10.9	-																
36		25.9	23.2	-	16.9	-	-	88		17.2	15.4	14.3	11.5	10.4	8.9																
40		24.0	21.6	19.9	16.4	-	-	96		16.0	14.4	13.6	10.8	9.7	8.7																
48		20.5	19.0	17.8	15.0	13.2	-	104		14.9	13.7	12.9	10.2	9.3	8.4																
56		18.0	16.8	16.0	13.6	12.3	-	112		14.1	13.0	12.3	9.7	8.8	7.9																
64		16.0	15.1	14.6	12.4	11.4	-	120		13.3	12.4	11.7	9.1	8.3	7.7																
72		14.4	13.7	13.3	11.3	10.6	9.1	128		12.7	11.9	11.0	8.6	7.8	7.4																
80		13.1	12.6	12.4	10.2	9.8	8.8	136		12.0	11.4	10.5	8.1	7.6	7.1																
88		12.0	11.6	11.5	9.2	9.0	8.4	144		11.5	10.8	9.9	7.7	7.1	6.8																
96		11.0	10.8	-	8.4	8.2	7.9	152		11.0	10.5	9.2	7.2	6.8	6.6																
104		10.2	10.2	-	7.8	7.6	7.3	160		10.4	10.1	8.6	7.0	6.5	6.3																
112		-	-	-	7.0	7.0	7.0	168		10.1	9.7	-	6.6	6.3	6.0																
120		-	-	-	6.7	6.6	-	176		9.9	9.3	-	6.2	6.0	5.8																
128		-	-	-	6.3	6.3	-	184		9.3	4.4	-	6.1	5.8	5.5																
136		-	-	-	6.0	-	-	192		-	-	-	5.9	5.7	-																
								200		-	-	-	5.8	5.6	-																
								208		-	-	-	5.7	5.5	-																
								216		-	-	-	5.5	5.5	-																

166.3 ft																229.7 ft															
		76.8 ft						108.3 ft								76.8 ft						108.3 ft									
		0°	20°	40°	0°	20°	40°			0°	20°*	40°*	0°*	20°**	40°**			0°	20°*	40°*	0°*	20°**	40°**								
ft		1,000 lbs																													
56		21.8	-	-	12.3	-	-	80		11.2	-	-	6.8	-	-																
64		20.7	-	-	12.2	-	-	88		10.9	-	-	6.8	-	-																
72		19.4	17.2	-	11.9	-	-	96		10.7	10.8	8.2	6.8	-	-																
80		18.4	16.4	13.6	11.6	-	-	104		10.4	10.6	8.2	6.8	-	-																
88		17.5	15.6	13.0	11.1	10.2	-	112		10.1	10.3	7.9	6.8	7.9	4.8																
96		16.6	14.8	12.4	10.7	9.6	-	120		9.9	10.0	7.7	6.6	7.7	4.6																
104		15.8	14.2	11.8	10.2	9.1	7.1	128		9.6	9.5	7.5	6.4	7.4	4.5																
112		14.9	13.4	11.4	9.7	8.8	6.8	136		9.2	9.1	7.3	6.2	7.1	4.4																
120		14.1	12.9	10.9	9.2	8.3	6.6	144		8.6	8.6	7.1	6.0	6.8	4.2																
128		13.4	12.3	10.4	8.8	8.0	6.4	152		8.1	8.1	7.0	5.9	6.6	4.2																
136		12.7	11.8	10.0	8.4	7.6	6.2	160		7.5	7.8	6.7	5.6	6.4	4.0																
144		12.1	11.5	9.5	8.0	7.3	6.0	168		7.0	7.3	6.5	5.4	6.3	3.9																
152		11.8	11.0	9.2	7.7	7.0	5.7	176		6.5	6.9	6.4	5.1	6.0	3.8																
160		11.3	10.6	8.7	7.4	6.7	5.4	184		5.7	6.4	6.3	4.8	5.8	3.6																
168		10.8	10.2	8.5	7.1	6.5	5.2	192		4.9	5.9	6.1	4.6	5.7	3.5																
176		10.2	10.0	8.2	6.7	6.2	5.1	200		4.3	5.5	5.5	4.3	5.4	3.4																
184		9.7	9.6	7.8	6.4	6.1	4.8	208		3.6	5.0	5.1	4.0	5.1	3.2																
192		9.1	9.2	7.4	6.1	5.9	4.6	216		2.9	4.4	4.7	3.6	4.9	3.1																
200		8.6	8.8	7.2	6.0	5.8	4.5	224		-	4.0	4.1	3.2	4.6	3.1																
208		7.8	8.1	-	5.8	5.7	4.3	232		-	3.6	3.6	2.8	4.3	3.0																
216		6.9	7.3	-	5.5	5.5	4.2	240		-	3.1	3.2	2.5	4.1	2.9																
224		6.0	6.3	-	5.4	5.3	4.1	248		-	2.6	2.7	-	3.7	2.9																
232		-	-	-	5.1	5.0	-	256		-	-	-	-	-	2.9																
240		-	-	-	4.6	4.9	-	264		-	-	-	-	-	2.5																
248		-	-	-	4.1	4.4	-																								



*225.7 ft **209.0 ft

Operation

HAV-VA

113,800 lbs								360°								ASME B30.5							
41.7 ft								125.3 ft															
		76.8 ft			108.3 ft					76.8 ft			108.3 ft										
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°								
ft		1,000 lbs																					
16	40.7	-	-	-	-	-	-	40	27.6	-	-	14.7	-	-	-								
18	39.0	-	-	-	-	-	-	48	25.5	-	-	14.3	-	-	-								
20	37.0	-	-	-	18.3	-	-	56	23.4	20.1	-	13.9	-	-	-								
24	33.6	-	-	-	17.9	-	-	64	21.5	18.6	16.8	13.3	-	-	-								
28	30.5	-	-	-	17.5	-	-	72	19.9	17.4	15.9	12.8	11.7	-	-								
32	28.0	24.9	-	-	17.3	-	-	80	18.5	16.4	15.1	12.2	10.9	-	-								
36	25.9	23.2	-	-	16.9	-	-	88	17.2	15.4	14.3	11.5	10.4	8.9	-								
40	24.0	21.6	19.9	-	16.4	-	-	96	16.0	14.4	13.6	10.8	9.7	8.7	-								
48	20.5	19.0	17.8	-	15.0	13.2	-	104	14.9	13.7	12.9	10.2	9.3	8.4	-								
56	18.0	16.8	16.0	-	13.6	12.3	-	112	14.1	13.0	12.3	9.7	8.8	7.9	-								
64	16.0	15.1	14.6	-	12.4	11.4	-	120	13.3	12.4	11.7	9.1	8.3	7.7	-								
72	14.4	13.7	13.3	-	11.3	10.6	9.1	128	12.7	11.9	11.0	8.6	7.8	7.4	-								
80	13.1	12.6	12.4	-	10.2	9.8	8.8	136	12.0	11.4	10.5	8.1	7.6	7.1	-								
88	12.0	11.6	11.5	-	9.2	9.0	8.4	144	11.5	10.8	9.9	7.7	7.1	6.8	-								
96	11.0	10.8	-	-	8.4	8.2	7.9	152	11.0	10.5	9.2	7.2	6.8	6.6	-								
104	10.2	10.2	-	-	7.8	7.6	7.3	160	10.4	10.1	8.6	7.0	6.5	6.3	-								
112	-	-	-	-	7.0	7.0	7.0	168	10.0	9.7	-	6.6	6.3	6.0	-								
120	-	-	-	-	6.7	6.6	-	176	9.7	9.3	-	6.2	6.0	5.8	-								
128	-	-	-	-	6.3	6.3	-	184	9.1	4.4	-	6.1	5.8	5.5	-								
136	-	-	-	-	6.0	-	-	192	-	-	-	5.9	5.7	-	-								
								200	-	-	-	5.8	5.6	-	-								
								208	-	-	-	5.7	5.5	-	-								
								216	-	-	-	5.5	5.5	-	-								

166.3 ft								229.7 ft							
		76.8 ft			108.3 ft					76.8 ft			108.3 ft		
		0°	20°	40°	0°	20°	40°			0°	20°*	40°*	0°*	20°**	40°**
ft		1,000 lbs													
56	21.8	-	-	-	12.3	-	-	80	11.2	-	-	6.8	-	-	-
64	20.7	-	-	-	12.2	-	-	88	10.9	-	-	6.8	-	-	-
72	19.4	17.2	-	-	11.9	-	-	96	10.7	10.8	8.2	6.8	-	-	-
80	18.4	16.4	13.6	-	11.6	-	-	104	10.4	10.6	8.2	6.8	-	-	-
88	17.5	15.6	13.0	-	11.1	10.2	-	112	10.1	10.3	7.9	6.8	7.9	4.8	-
96	16.6	14.8	12.4	-	10.7	9.6	-	120	9.9	10.0	7.7	6.6	7.7	4.6	-
104	15.8	14.2	11.8	-	10.2	9.1	7.1	128	9.6	9.5	7.5	6.4	7.4	4.5	-
112	14.9	13.4	11.4	-	9.7	8.8	6.8	136	9.2	9.1	7.3	6.2	7.1	4.4	-
120	14.1	12.9	10.9	-	9.2	8.3	6.6	144	8.6	8.6	7.1	6.0	6.8	4.2	-
128	13.4	12.3	10.4	-	8.8	8.0	6.4	152	8.1	8.1	7.0	5.9	6.6	4.2	-
136	12.7	11.8	10.0	-	8.4	7.6	6.2	160	7.5	7.8	6.7	5.6	6.4	4.0	-
144	12.1	11.5	9.5	-	8.0	7.3	6.0	168	6.9	7.3	6.5	5.4	6.3	3.9	-
152	11.5	11.0	9.2	-	7.7	7.0	5.7	176	6.1	6.9	6.4	5.1	6.0	3.8	-
160	10.4	10.4	8.7	-	7.4	6.7	5.4	184	5.0	6.0	6.2	4.5	5.8	3.6	-
168	9.7	9.5	8.4	-	7.1	6.5	5.2	192	4.0	5.1	5.7	3.8	5.6	3.5	-
176	8.9	9.1	8.0	-	6.7	6.2	5.1	200	3.0	4.1	4.6	3.0	4.9	3.4	-
184	7.9	8.2	7.7	-	6.4	6.1	4.8	208	-	-	3.6	-	4.1	3.2	-
192	6.9	7.3	7.3	-	6.1	5.9	4.6	216	-	-	2.7	-	3.1	3.1	-
200	6.5	6.5	6.6	-	5.7	5.6	4.5	224	-	-	-	-	-	2.7	-
208	6.0	6.2	-	-	5.0	5.4	4.3								
216	5.3	5.8	-	-	4.4	5.1	4.2								
224	4.7	3.9	-	-	4.1	4.3	4.1								
232	-	-	-	-	3.8	3.9	-								
240	-	-	-	-	3.3	3.8	-								
248	-	-	-	-	2.8	3.3	-								

	*225.7 ft	**209.0 ft
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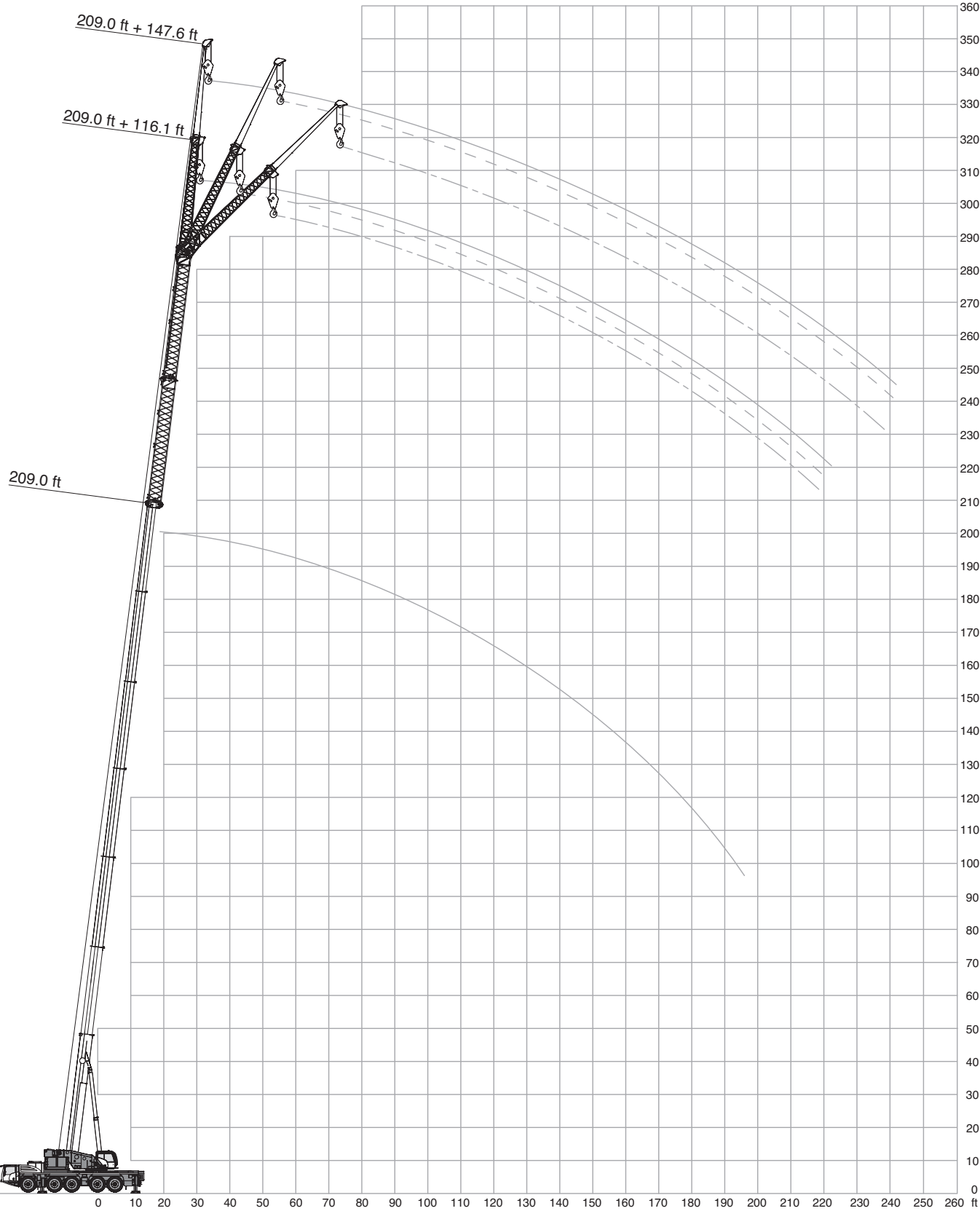
Operation

HAV-VA

41,200 lbs				27.60 ft x 29.10 ft				360°				ASME B30.5			
 41.7 ft								 125.3 ft							
		76.8 ft			108.3 ft					76.8 ft			108.3 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs						ft		1,000 lbs					
16		40.7	-	-	-	-	-	40		27.6	-	-	14.7	-	-
18		39.0	-	-	-	-	-	48		25.5	-	-	14.3	-	-
20		37.0	-	-	18.3	-	-	56		23.4	20.1	-	13.9	-	-
24		33.6	-	-	17.9	-	-	64		21.5	18.6	16.8	13.3	-	-
28		30.5	-	-	17.5	-	-	72		19.9	17.4	15.9	12.8	11.7	-
32		28.0	24.9	-	17.3	-	-	80		18.5	16.4	15.1	12.2	10.9	-
36		25.9	23.2	-	16.9	-	-	88		17.0	15.4	14.3	11.5	10.4	8.9
40		24.0	21.6	19.9	16.4	-	-	96		15.8	14.4	13.6	10.8	9.7	8.7
48		20.5	19.0	17.8	15.0	13.2	-	104		14.2	13.5	12.9	10.2	9.3	8.4
56		18.0	16.8	16.0	13.6	12.3	-	112		12.2	12.7	12.3	9.6	8.8	7.9
64		16.0	15.1	14.6	12.4	11.4	-	120		10.2	11.2	11.3	8.9	8.3	7.7
72		14.4	13.7	13.3	11.3	10.6	9.1	128		9.4	9.5	10.1	8.4	7.8	7.4
80		13.1	12.6	12.4	10.2	9.8	8.8	136		8.2	8.7	8.7	7.4	7.4	7.1
88		12.0	11.6	11.5	9.2	9.0	8.4	144		6.9	7.6	8.0	6.9	7.1	6.8
96		11.0	10.8	-	8.4	8.2	7.9	152		5.8	6.4	6.7	6.0	6.3	6.5
104		10.2	10.2	-	7.8	7.6	7.3	160		4.8	5.3	5.5	5.0	5.8	5.9
112		-	-	-	7.0	7.0	7.0	168		4.0	4.4	-	4.0	5.0	5.3
120		-	-	-	6.7	6.6	-	176		3.2	3.4	-	3.2	4.1	4.7
128		-	-	-	6.3	6.3	-	184		-	-	-	-	3.3	3.8
136		-	-	-	6.0	-	-								

 166.3 ft								 229.7 ft							
		76.8 ft			108.3 ft					76.8 ft			108.3 ft		
		0°	20°	40°	0°	20°	40°			0°	20°*	40°*	0°*	20°**	40°**
ft		1,000 lbs						ft		1,000 lbs					
56		21.8	-	-	12.3	-	-	80		11.0	-	-	6.8	-	-
64		20.7	-	-	12.2	-	-	88		9.1	-	-	6.7	-	-
72		19.4	17.2	-	11.9	-	-	96		6.6	9.6	8.2	5.5	-	-
80		17.6	16.4	13.6	11.6	-	-	104		4.5	7.1	8.2	3.5	-	-
88		16.0	15.2	13.0	10.9	10.2	-	112		-	5.2	6.9	-	6.5	4.8
96		14.0	14.2	12.4	10.3	9.6	-	120		-	3.4	5.1	-	4.7	4.6
104		11.6	13.1	11.8	9.5	9.1	7.1	128		-	-	3.5	-	3.2	4.5
112		10.5	11.1	10.9	8.5	8.6	6.8	136		-	-	-	-	-	4.1
120		8.9	9.7	10.1	7.6	8.0	6.6	144		-	-	-	-	-	2.9
128		7.4	8.5	9.0	6.3	7.5	6.4								
136		6.0	7.1	7.9	5.1	6.5	6.0								
144		4.9	5.8	6.5	4.0	5.1	5.7								
152		3.8	4.5	5.1	3.0	4.0	5.2								
160		2.7	3.4	4.1	-	3.1	4.5								
168		-	-	-	-	-	3.5								
176		-	-	-	-	-	2.6								

	*225.7 ft	**209.0 ft
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Operation

HAV-VA

154,800 lbs								27.60 ft x 29.10 ft								360°								ASME B30.5							
 41.7 ft																 125.3 ft															
				116.1 ft			147.6 ft									116.1 ft			147.6 ft												
		0°	20°	40°				0°	20°	40°					0°	20°	40°				0°	20°	40°								
ft		1,000 lbs														ft		1,000 lbs													
24		23.8	-	-	-	-	-	-	-	-	48		16.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28		22.2	-	-	-	-	-	-	-	-	56		15.2	-	-	-	-	-	-	9.7	-	-	-	-	-	-	-	-	-	-	
32		20.6	-	-	-	-	-	-	-	-	64		13.9	13.0	-	-	-	-	9.1	-	-	-	-	-	-	-	-	-	-	-	
36		19.1	-	-	-	-	-	-	-	-	72		12.8	12.1	-	-	-	-	8.6	-	-	-	-	-	-	-	-	-	-	-	
40		17.7	17.0	-	-	-	-	-	-	-	80		12.0	11.1	10.7	-	-	-	8.1	7.9	-	-	-	-	-	-	-	-	-	-	
48		15.4	14.9	14.4	-	-	-	-	-	-	88		11.0	10.3	9.9	-	-	-	7.8	7.3	-	-	-	-	-	-	-	-	-	-	
56		13.5	13.2	12.7	-	-	-	-	-	-	96		10.2	9.6	9.2	-	-	-	7.2	6.8	-	-	-	-	-	-	-	-	-	-	
64		11.8	11.6	11.3	-	-	-	-	-	-	104		9.4	8.9	8.7	-	-	-	6.7	6.4	6.0	-	-	-	-	-	-	-	-	-	
72		10.4	10.4	10.2	-	-	-	-	-	-	112		8.8	8.3	8.1	-	-	-	6.1	5.9	5.5	-	-	-	-	-	-	-	-	-	
80		9.3	9.3	9.1	-	-	-	-	-	-	120		8.3	7.8	7.6	-	-	-	5.7	5.4	5.2	-	-	-	-	-	-	-	-	-	
88		8.3	8.3	8.3	-	-	-	-	-	-	128		7.7	7.3	7.2	-	-	-	5.3	5.2	5.0	-	-	-	-	-	-	-	-	-	
96		7.7	7.5	7.5	-	-	-	-	-	-	136		7.2	6.9	6.7	-	-	-	4.9	4.8	4.7	-	-	-	-	-	-	-	-	-	
104		6.9	6.9	6.9	-	-	-	-	-	-	144		6.6	6.4	6.4	-	-	-	4.6	4.4	4.4	-	-	-	-	-	-	-	-	-	
112		6.4	6.4	6.4	-	-	-	-	-	-	152		6.3	6.1	6.1	-	-	-	4.3	4.2	4.2	-	-	-	-	-	-	-	-	-	
120		5.8	5.8	5.8	-	-	-	-	-	-	160		5.9	5.9	5.9	-	-	-	3.9	3.9	3.9	-	-	-	-	-	-	-	-	-	
128		5.3	5.3	-	-	-	-	-	-	-	168		5.6	5.5	5.6	-	-	-	3.6	3.6	3.6	-	-	-	-	-	-	-	-	-	
136		4.9	4.9	-	-	-	-	-	-	-	176		5.3	5.1	5.3	-	-	-	3.3	3.3	3.3	-	-	-	-	-	-	-	-	-	
144		4.6	-	-	-	-	-	-	-	-	184		5.1	5.0	5.1	-	-	-	3.2	3.2	3.2	-	-	-	-	-	-	-	-	-	
152		-	-	-	-	-	-	-	-	-	192		4.8	4.8	-	-	-	-	3.0	3.0	3.0	-	-	-	-	-	-	-	-	-	
160		-	-	-	-	-	-	-	-	-	200		4.5	4.5	-	-	-	-	2.8	2.8	2.8	-	-	-	-	-	-	-	-	-	
168		-	-	-	-	-	-	-	-	-	208		4.4	4.3	-	-	-	-	2.6	2.6	2.6	-	-	-	-	-	-	-	-	-	
176		-	-	-	-	-	-	-	-	-	216		4.4	4.2	-	-	-	-	2.4	2.4	2.4	-	-	-	-	-	-	-	-	-	
											224		4.4	-	-	-	-	-	2.3	2.3	-	-	-	-	-	-	-	-	-	-	

166.3 ft								209.0 ft																							
				116.1 ft			147.6 ft									116.1 ft			147.6 ft												
		0°	20°	40°				0°	20°	40°					0°	20°	40°				0°	20°	40°								
ft		1,000 lbs														ft		1,000 lbs													
64		12.5	-	-	-	-	-	-	-	-	80		8.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
72		11.9	-	-	-	-	-	-	-	-	88		8.2	-	-	-	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	
80		11.4	10.7	-	-	-	-	-	-	-	96		8.0	-	-	-	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	
88		10.8	10.2	9.7	-	-	-	-	-	-	104		7.7	7.5	-	-	-	-	4.6	-	-	-	-	-	-	-	-	-	-	-	
96		10.1	9.6	9.2	-	-	-	-	-	-	112		7.5	7.3	6.6	-	-	-	4.4	-	-	-	-	-	-	-	-	-	-	-	
104		9.5	9.1	8.7	-	-	-	-	-	-	120		7.2	7.0	6.4	-	-	-	4.3	-	-	-	-	-	-	-	-	-	-	-	
112		9.0	8.6	8.1	-	-	-	-	-	-	128		6.9	6.7	6.4	-	-	-	4.1	-	-	-	-	-	-	-	-	-	-	-	
120		8.5	8.0	7.8	-	-	-	-	-	-	136		6.7	6.5	6.2	-	-	-	4.0	-	-	-	-	-	-	-	-	-	-	-	
128		7.9	7.6	7.4	-	-	-	-	-	-	144		6.4	6.2	6.2	-	-	-	3.8	-	-	-	-	-	-	-	-	-	-	-	
136		7.6	7.2	7.0	-	-	-	-	-	-	152		6.2	5.9	5.9	-	-	-	3.5	-	-	-	-	-	-	-	-	-	-	-	
144		7.1	6.8	6.6	-	-	-	-	-	-	160		6.1	5.7	5.6	-	-	-	3.4	-	-	-	-	-	-	-	-	-	-	-	
152		6.8	6.4	6.4	-	-	-	-	-	-	168		5.8	5.6	5.4	-	-	-	3.2	-	-	-	-	-	-	-	-	-	-	-	
160		6.3	6.1	6.1	-	-	-	-	-	-	176		5.6	5.3	5.3	-	-	-	3.1	-	-	-	-	-	-	-	-	-	-	-	
168		6.0	5.8	5.8	-	-	-	-	-	-	184		5.3	5.1	5.1	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-	
176		5.8	5.6	5.6	-	-	-	-	-	-	192		5.0	4.8	4.8	-	-	-	2.8	-	-	-	-	-	-	-	-	-	-	-	
184		5.5	5.3	5.3	-	-	-	-	-	-	200		4.7	4.5	4.5	-	-	-	2.7	-	-	-	-	-	-	-	-	-	-	-	
192		5.2	5.0	5.0	-	-	-	-	-	-	208		4.5	4.3	4.3	-	-	-	2.6	-	-	-	-	-	-	-	-	-	-	-	
200		5.0	4.9	4.9	-	-	-	-	-	-	216		4.2	4.0	4.0	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-	-	
208		4.8	4.7	4.8	-	-	-	-	-	-	224		3.9	3.7	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
216		4.6	4.4	4.6	-	-	-	-	-	-	232		3.6	3.5	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
224		4.4	4.3	4.5	-	-	-	-	-	-	240		3.2	3.4	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
232		4.1	4.1	-	-	-	-	-	-	-	248		-	3.0	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
240		4.0	4.0	-	-	-	-	-	-	-																					
248		3.5	3.7	-	-	-	-	-	-	-																					
256		2.6	-	-	-	-	-	-	-	-																					
264		2.5	-	-	-	-	-	-	-	-																					

Operation

HAV-VA

 113,800 lbs  27.60 ft x 29.10 ft								360°								ASME B30.5		
 41.7 ft								 125.3 ft										
 		116.1 ft			147.6 ft					116.1 ft			147.6 ft					
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°			
ft		1,000 lbs																
24		23.8	-	-	-	-	-	48		16.3	-	-	-	-	-			
28		22.2	-	-	-	-	-	56		15.2	-	-	9.7	-	-			
32		20.6	-	-	13.3	-	-	64		13.9	13.0	-	9.1	-	-			
36		19.1	-	-	12.8	-	-	72		12.8	12.1	-	8.6	-	-			
40		17.7	17.0	-	12.3	-	-	80		12.0	11.1	10.7	8.1	7.9	-			
48		15.4	14.9	14.4	11.4	-	-	88		11.0	10.3	9.9	7.8	7.3	-			
56		13.5	13.2	12.7	10.3	-	-	96		10.2	9.6	9.2	7.2	6.8	-			
64		11.8	11.6	11.3	9.3	9.3	-	104		9.4	8.9	8.7	6.7	6.4	6.0			
72		10.4	10.4	10.2	8.2	8.4	-	112		8.8	8.3	8.1	6.1	5.9	5.5			
80		9.3	9.3	9.1	7.4	7.6	7.4	120		8.3	7.8	7.6	5.7	5.4	5.2			
88		8.3	8.3	8.3	6.7	6.8	6.7	128		7.7	7.3	7.2	5.3	5.2	5.0			
96		7.7	7.5	7.5	6.0	6.1	6.1	136		7.2	6.9	6.7	4.9	4.8	4.7			
104		6.9	6.9	6.9	5.4	5.4	5.6	144		6.6	6.4	6.4	4.6	4.4	4.4			
112		6.4	6.4	6.4	4.8	5.0	5.0	152		6.3	6.1	6.1	4.3	4.2	4.2			
120		5.8	5.8	5.8	4.3	4.5	4.5	160		5.9	5.9	5.9	3.9	3.9	3.9			
128		5.3	5.3	-	4.0	4.1	4.1	168		5.6	5.5	5.6	3.6	3.6	3.6			
136		4.9	4.9	-	3.6	3.6	3.8	176		5.3	5.1	5.3	3.3	3.3	3.3			
144		4.6	-	-	3.1	3.3	3.5	184		5.1	5.0	5.1	3.2	3.2	3.2			
152		-	-	-	2.9	3.1	-	192		4.8	4.8	-	3.0	3.0	3.0			
160		-	-	-	2.8	2.8	-	200		4.5	4.5	-	2.8	2.8	2.8			
168		-	-	-	2.6	-	-	208		4.4	4.3	-	2.6	2.6	2.6			
176		-	-	-	2.4	-	-	216		4.4	4.2	-	2.4	2.4	2.4			
								224		4.4	-	-	2.3	2.3	-			

 166.3 ft							
		116.1 ft			147.6 ft		
		0°	20°	40°	0°	20°	40°
ft		1,000 lbs					
64		12.5	-	-	-	-	-
72		11.9	-	-	7.5	-	-
80		11.4	10.7	-	7.2	-	-
88		10.8	10.2	9.7	6.9	-	-
96		10.1	9.6	9.2	6.5	-	-
104		9.5	9.1	8.7	6.2	-	-
112		9.0	8.6	8.1	5.9	-	-
120		8.5	8.0	7.8	5.7	-	-
128		7.9	7.6	7.4	5.3	-	-
136		7.6	7.2	7.0	4.9	-	-
144		7.1	6.8	6.6	4.6	-	-
152		6.8	6.4	6.4	4.4	-	-
160		6.3	6.1	6.1	4.1	-	-
168		6.0	5.8	5.8	3.8	-	-
176		5.8	5.6	5.6	3.6	-	-
184		5.5	5.3	5.3	3.4	-	-
192		5.1	5.0	5.0	3.2	-	-
200		4.7	4.7	4.9	3.0	-	-
208		4.4	4.6	4.6	2.8	-	-
216		4.0	4.4	4.4	2.7	-	-
224		3.2	3.7	3.8	2.4	-	-
232		2.8	3.0	-	-	-	-
240		2.7	2.7	-	-	-	-

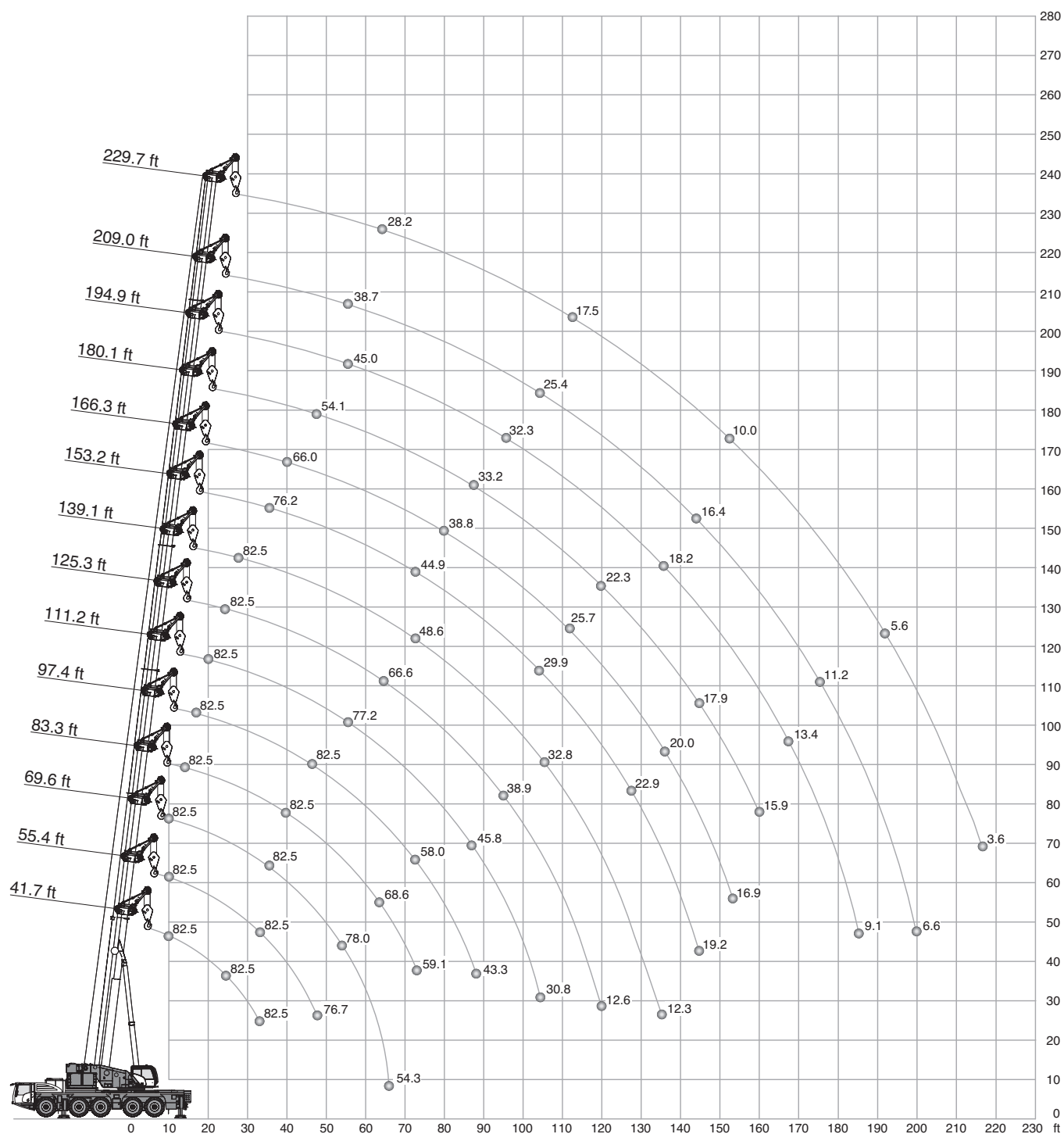
 209.0 ft							
		116.1 ft			147.6 ft		
		0°	20°	40°	0°	20°	40°
ft		1,000 lbs					
80		8.2	-	-	-	-	-
88		8.2	-	-	4.6	-	-
96		8.0	-	-	4.6	-	-
104		7.7	7.5	-	4.6	-	-
112		7.5	7.3	6.6	4.4	-	-
120		7.2	7.0	6.4	4.3	-	-
128		6.9	6.7	6.4	4.1	-	-
136		6.7	6.5	6.2	4.0	-	-
144		6.4	6.2	6.2	3.8	-	-
152		6.2	5.9	5.9	3.5	-	-
160		6.1	5.7	5.6	3.4	-	-
168		5.8	5.6	5.4	3.2	-	-
176		5.6	5.3	5.3	3.1	-	-
184		4.9	5.1	5.1	3.0	-	-
192		4.2	4.7	4.8	-	-	-
200		3.3	4.0	4.4	-	-	-
208		-	3.2	3.6	-	-	-
216		-	2.3	2.7	-	-	-

Operation

HAV-VA

 41,200 lbs								 27.60 ft x 29.10 ft								360°								ASME B30.5							
 41.7 ft																 125.3 ft															
		116.1 ft			147.6 ft							116.1 ft			147.6 ft																
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°																
ft		1,000 lbs														ft		1,000 lbs													
24		23.8	-	-	-	-	-	48		16.3	-	-	-	-	-	56		15.2	-	-	9.7	-	-								
28		22.2	-	-	-	-	-	64		13.9	13.0	-	9.1	-	-	72		12.8	12.1	-	8.6	-	-								
32		20.6	-	-	13.3	-	-	80		12.0	11.1	10.7	8.1	7.9	-	88		11.0	10.3	9.9	7.8	7.3	-								
36		19.1	-	-	12.8	-	-	96		10.2	9.6	9.2	7.2	6.8	-	104		9.4	8.9	8.7	6.7	6.4	6.0								
40		17.7	17.0	-	12.3	-	-	112		8.8	8.3	8.1	6.1	5.9	5.5	120		8.0	7.8	7.6	5.7	5.4	5.2								
48		15.4	14.9	14.4	11.4	-	-	128		7.4	7.3	7.2	5.3	5.2	5.0	136		7.0	6.7	6.7	4.9	4.8	4.7								
56		13.5	13.2	12.7	10.3	-	-	144		6.0	6.4	6.4	4.4	4.4	4.4	152		5.4	5.4	5.8	4.0	3.6	4.2								
64		11.8	11.6	11.3	9.3	9.3	-	160		4.5	4.9	5.1	3.7	-	3.8	168		3.6	4.2	4.5	3.2	-	-								
72		10.4	10.4	10.2	8.2	8.4	-	176		2.8	3.4	3.6	2.5	-	-																
80		9.3	9.3	9.1	7.4	7.6	7.4																								
88		8.3	8.3	8.3	6.7	6.8	6.7																								
96		7.7	7.5	7.5	6.0	6.1	6.1																								
104		6.9	6.9	6.9	5.4	5.4	5.6																								
112		6.4	6.4	6.4	4.8	5.0	5.0																								
120		5.8	5.8	5.8	4.3	4.5	4.5																								
128		5.3	5.3	-	4.0	4.1	4.1																								
136		4.9	4.9	-	3.6	3.6	3.8																								
144		4.6	-	-	3.1	3.3	3.5																								
152		-	-	-	2.9	3.1	-																								
160		-	-	-	2.8	2.8	-																								
168		-	-	-	2.6	-	-																								
176		-	-	-	2.4	-	-																								

 166.3 ft								 209.0 ft							
 		116.1 ft			147.6 ft			 		116.1 ft			147.6 ft		
		0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs													
64		12.5	-	-	-	-	-	80		8.2	-	-	-	-	-
72		11.9	-	-	7.5	-	-	88		8.0	-	-	4.6	-	-
80		11.4	10.7	-	7.2	-	-	96		6.5	-	-	4.2	-	-
88		10.5	10.2	9.7	6.9	-	-	104		4.2	6.6	-	2.7	-	-
96		9.8	9.6	9.2	6.5	-	-	112		-	4.5	6.5	-	-	-
104		8.9	8.9	8.7	6.0	-	-	120		-	-	4.6	-	-	-
112		8.1	8.3	8.1	5.4	-	-	128		-	-	3.0	-	-	-
120		6.5	7.5	7.6	4.9	-	-								
128		5.0	6.4	6.9	3.9	-	-								
136		3.8	4.9	6.0	2.7	-	-								
144		2.7	3.8	4.9	-	-	-								
152		-	-	3.6	-	-	-								



 154,800 lbs		 27.60 ft x 29.10 ft		360°		ASME B30.5								
 41.7ft	 55.4ft	69.6ft	83.3ft	97.4ft	111.2ft	125.3ft	139.1ft	153.2ft	166.3ft	180.1ft	194.9ft	209.0ft	229.7ft	
ft	1,000 lbs													ft
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	10
12	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	12
14	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	14
16	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	16
18	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	18
20	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	20
24	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	24
28	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	28
32	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	32
36	-	82.5	82.5	82.5	82.5	82.5	82.5	82.1	76.2	-	-	-	-	36
40	-	82.5	82.5	82.5	82.5	82.5	82.3	80.9	73.0	66.0	-	-	-	40
48	-	76.7	82.5	82.5	82.5	82.5	79.8	70.6	64.8	60.8	54.1	-	-	48
56	-	-	78.0	78.7	78.1	77.2	74.1	61.8	57.3	54.6	50.1	45.0	38.7	56
64	-	-	54.3	68.6	67.5	65.7	66.6	54.5	50.9	48.8	45.5	42.1	37.0	64
72	-	-	-	59.1	58.0	59.2	57.5	48.6	44.9	43.5	40.9	38.9	34.7	72
80	-	-	-	-	53.0	51.9	50.1	43.9	40.1	38.8	36.9	35.6	32.5	80
88	-	-	-	-	43.3	45.8	44.0	39.6	36.0	34.7	33.2	32.3	30.1	88
96	-	-	-	-	15.8	40.7	38.9	36.0	32.6	31.2	29.9	29.2	27.9	96
104	-	-	-	-	-	30.8	34.7	32.8	29.9	28.3	27.0	26.3	25.4	104
112	-	-	-	-	-	-	30.5	30.3	27.4	25.7	24.6	23.9	23.3	112
120	-	-	-	-	-	-	12.6	28.3	25.3	23.6	22.3	21.8	21.4	120
128	-	-	-	-	-	-	-	24.8	22.9	21.7	20.5	19.9	19.6	128
136	-	-	-	-	-	-	-	12.3	20.2	20.0	19.0	18.2	18.0	136
144	-	-	-	-	-	-	-	-	19.2	18.2	17.9	16.8	16.4	144
152	-	-	-	-	-	-	-	-	-	16.9	16.8	15.5	15.1	152
160	-	-	-	-	-	-	-	-	-	-	15.9	14.4	13.9	160
168	-	-	-	-	-	-	-	-	-	-	-	13.4	12.6	168
176	-	-	-	-	-	-	-	-	-	-	-	12.3	11.2	176
184	-	-	-	-	-	-	-	-	-	-	-	9.1	10.0	184
192	-	-	-	-	-	-	-	-	-	-	-	-	7.2	192
200	-	-	-	-	-	-	-	-	-	-	-	-	6.6	200
208	-	-	-	-	-	-	-	-	-	-	-	-	-	208
216	-	-	-	-	-	-	-	-	-	-	-	-	-	216
1)	40.6	30.2	23.6	18.5	14.8	11.5	8.8	6.2	4.0	2.6	-	-	-	1)

1) Capacities with horizontal boom

 113,800 lbs		 27.60 ft x 29.10 ft										360°				ASME B30.5			
 	41.7ft	55.4ft	69.6ft	83.3ft	97.4ft	111.2ft	125.3ft	139.1ft	153.2ft	166.3ft	180.1ft	194.9ft	209.0ft	229.7ft					
ft	1,000 lbs														ft				
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	10				
12	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	-	12				
14	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	14				
16	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	16				
18	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	18				
20	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	20				
24	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	24				
28	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	28				
32	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	32				
36	-	82.5	82.5	82.5	82.5	82.5	82.5	82.1	76.2	-	-	-	-	-	36				
40	-	82.5	82.5	82.5	82.5	82.5	82.3	80.9	73.0	66.0	-	-	-	-	40				
48	-	76.7	81.3	81.1	80.8	80.2	79.8	70.6	64.8	60.8	54.1	-	-	-	48				
56	-	-	73.0	72.6	71.5	70.1	70.8	61.8	57.3	54.6	50.1	45.0	38.7	-	56				
64	-	-	52.0	60.2	60.9	60.6	58.3	54.5	50.9	48.8	45.5	42.1	37.0	28.2	64				
72	-	-	-	52.4	51.8	50.3	48.1	47.1	44.9	43.5	40.9	38.9	34.7	26.9	72				
80	-	-	-	-	44.2	42.6	40.4	39.6	39.2	38.4	36.9	35.6	32.5	25.5	80				
88	-	-	-	-	38.1	36.5	35.8	35.6	33.6	33.3	32.8	32.3	30.1	23.7	88				
96	-	-	-	-	15.8	31.7	31.4	30.9	28.6	28.9	28.9	28.6	27.9	21.6	96				
104	-	-	-	-	-	28.1	28.8	27.2	25.2	24.7	25.6	25.0	25.2	19.4	104				
112	-	-	-	-	-	-	25.4	23.9	23.0	22.4	23.4	23.0	21.7	17.5	112				
120	-	-	-	-	-	-	12.6	21.0	21.2	20.8	20.7	19.9	18.7	15.5	120				
128	-	-	-	-	-	-	-	19.3	19.1	18.8	18.5	17.3	16.0	13.9	128				
136	-	-	-	-	-	-	-	12.3	17.2	17.3	16.6	14.9	13.7	12.4	136				
144	-	-	-	-	-	-	-	-	16.1	15.5	14.4	12.9	12.2	11.1	144				
152	-	-	-	-	-	-	-	-	-	13.9	12.8	11.0	11.0	9.7	152				
160	-	-	-	-	-	-	-	-	-	-	11.2	9.5	9.5	8.2	160				
168	-	-	-	-	-	-	-	-	-	-	-	8.3	8.2	6.8	168				
176	-	-	-	-	-	-	-	-	-	-	-	7.6	7.0	5.5	176				
184	-	-	-	-	-	-	-	-	-	-	-	6.9	5.8	4.4	184				
192	-	-	-	-	-	-	-	-	-	-	-	-	4.7	-	192				
200	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	200				
1)	40.6	30.2	23.6	18.5	14.8	11.5	8.8	6.2	4.0	2.6	-	-	-	-	1)				

1) Capacities with horizontal boom

 41,200 lbs		 27.60 ft x 29.10 ft		360°		ASME B30.5								
 41.7ft	 55.4ft	69.6ft	83.3ft	97.4ft	111.2ft	125.3ft	139.1ft	153.2ft	166.3ft	180.1ft	194.9ft	209.0ft	229.7ft	
ft	1,000 lbs													ft
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	10
12	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	-	12
14	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	-	14
16	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	16
18	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	-	18
20	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	20
24	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	24
28	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	28
32	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.0	-	-	-	-	-	32
36	-	78.5	79.0	78.7	79.9	77.9	75.7	73.5	68.3	-	-	-	-	36
40	-	72.6	73.7	73.3	75.4	71.6	68.5	64.6	62.3	57.7	-	-	-	40
48	-	44.3	55.6	56.0	55.0	54.3	52.2	51.3	48.9	47.6	44.4	-	-	48
56	-	-	42.5	42.7	41.8	42.4	41.6	41.3	40.0	38.8	37.6	34.3	31.9	56
64	-	-	33.4	33.6	34.8	34.3	33.5	33.0	33.4	32.7	30.4	29.1	26.4	64
72	-	-	-	28.5	28.6	27.7	28.1	28.1	27.5	26.2	26.1	23.9	21.3	72
80	-	-	-	-	23.6	23.7	23.8	23.2	22.5	22.5	21.4	19.5	17.1	80
88	-	-	-	-	19.8	20.2	20.0	19.5	18.4	18.6	17.3	16.0	13.7	88
96	-	-	-	-	15.8	17.0	16.8	16.1	15.2	15.2	14.1	12.8	10.7	96
104	-	-	-	-	-	14.6	14.2	13.3	12.5	12.5	11.4	10.0	8.2	104
112	-	-	-	-	-	-	12.0	11.1	10.2	10.3	9.1	7.8	6.3	112
120	-	-	-	-	-	-	10.0	9.3	8.2	8.4	7.1	5.9	4.4	120
128	-	-	-	-	-	-	-	7.6	6.7	6.7	5.5	4.3	-	128
136	-	-	-	-	-	-	-	6.3	5.4	5.4	4.0	2.9	-	136
144	-	-	-	-	-	-	-	-	4.0	4.0	2.9	-	-	144
152	-	-	-	-	-	-	-	-	-	3.0	-	-	-	152
1)	40.6	30.2	23.6	18.5	14.8	11.5	8.8	6.2	3.5	-	-	-	-	1)

1) Capacities with horizontal boom

 0 lbs		 27.60 ft x 29.10 ft		360°		ASME B30.5						
 41.7ft	 55.4 ft	69.6 ft	83.3 ft	97.4 ft	111.2 ft	125.3 ft	139.1 ft	153.2 ft	166.3 ft	180.1 ft	194.9 ft	
ft	1,000 lbs											ft
10	82.5	82.5	82.5	-	-	-	-	-	-	-	-	10
12	82.5	82.5	82.5	-	-	-	-	-	-	-	-	12
14	82.5	82.5	82.5	82.5	-	-	-	-	-	-	-	14
16	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	16
18	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	-	18
20	82.5	82.5	82.5	82.5	82.5	82.5	-	-	-	-	-	20
24	82.5	82.5	82.5	82.5	82.2	80.8	78.2	-	-	-	-	24
28	75.4	78.2	79.6	77.4	74.3	70.3	65.5	57.9	-	-	-	28
32	57.9	63.5	66.5	64.5	61.1	58.5	55.2	53.0	-	-	-	32
36	-	51.2	53.5	52.9	52.2	49.9	46.4	45.9	42.8	-	-	36
40	-	40.1	42.3	44.7	44.5	42.6	41.4	38.6	36.0	34.7	-	40
48	-	17.0	30.6	31.7	32.1	32.0	31.0	28.6	26.6	25.8	23.2	48
56	-	-	22.4	23.3	24.1	23.8	23.4	21.7	20.0	19.4	17.2	56
64	-	-	16.5	17.4	18.2	18.0	17.6	16.4	15.0	14.5	12.6	64
72	-	-	-	13.1	13.8	13.5	13.3	12.4	11.1	10.9	8.9	72
80	-	-	-	-	10.6	10.2	9.9	9.1	8.1	7.8	6.0	80
88	-	-	-	-	7.9	7.6	7.3	6.5	5.4	5.4	3.6	88
96	-	-	-	-	5.9	5.4	5.2	4.3	3.2	3.4	-	96
104	-	-	-	-	-	3.7	3.3	2.4	-	-	-	104
1)	37.9	22.5	14.8	9.5	6.0	2.9	-	-	-	-	-	1)

1) Capacities with horizontal boom

Notes

Notes to Lifting Capacity

Ratings are in compliance with ASME B30.5.

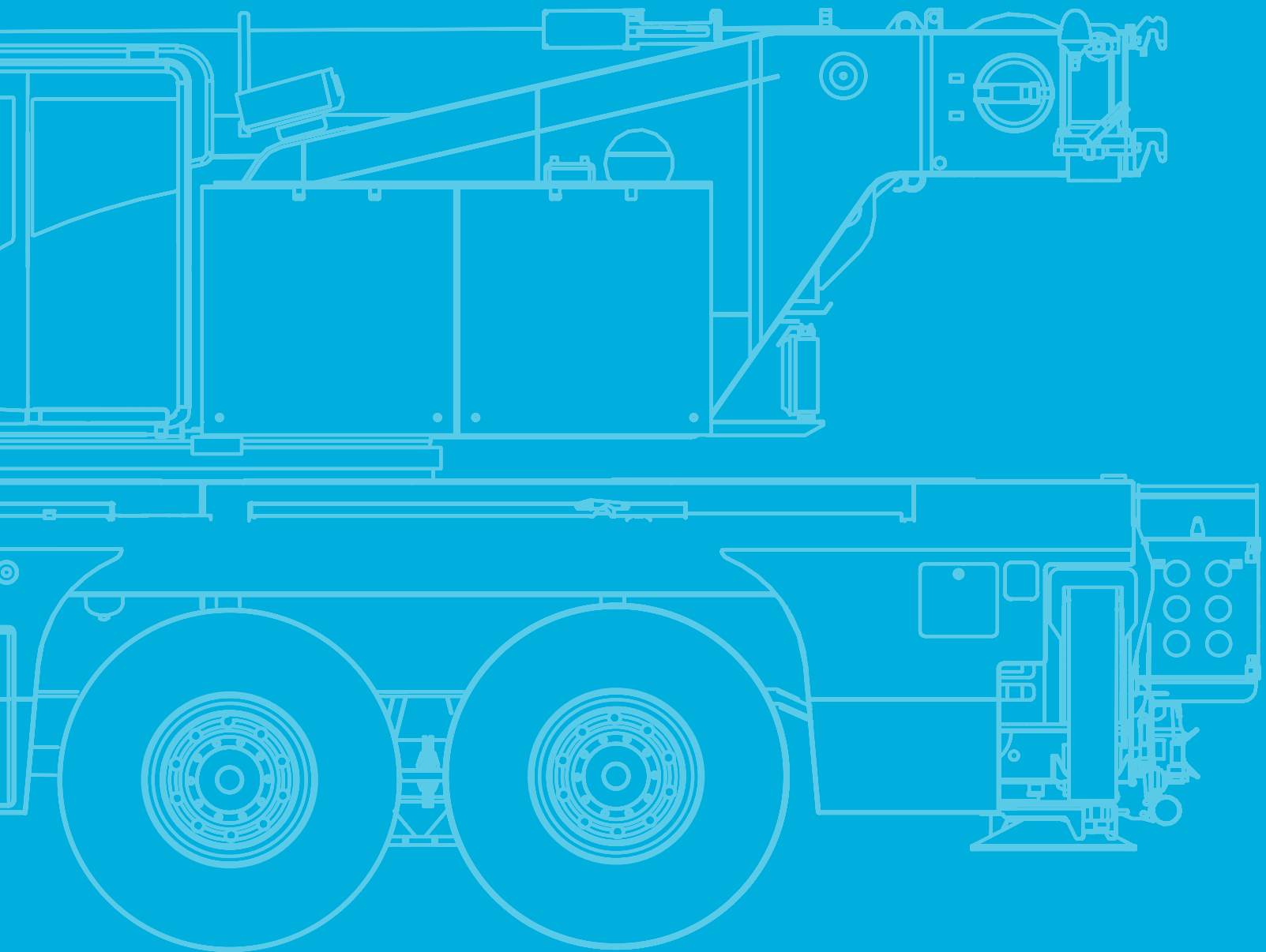
Lifting capacities do not exceed 85 % of tipping load.

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 405-5	Scania DC13; Diesel engine; 405 kW / 2100 1/min (550 HP), torque 2476 Nm / 1400 1/min; The engine complies with EU Stage V; Exhaust system complete stainless steel.
Fuel tank	132 gallons Diesel (no RME / biodiesel); 16 gallons AdBlue tank.
Transmission ZF TraXon	Automated gearbox with integrated hydraulic retarder, 12 forward speeds and 2 reverse; 2-stage transfer case with switchable off-road gear.
Axles 10 x 6 x 10	All 5 axles steered, axles 3-5 are driven and dispose of a selectable transverse lock; Axle 4 with selectable longitudinal lock.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable.
Steering	Dual-circuit steering system with independent rear axle steering; Axles 1, 2, 3 mechanically connected; Axles 4 and 5 electro-hydraulically connected, all axles steered with 6 different steering programs.
Brakes	Pneumatic dual circuit service brake, acting on all wheels; Disc brakes; Hydraulic retarder integrated into transmission as wear-free sustained-action brake; Additional exhaust brake; Parking brake.
Tires	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7“.
Cab 2850	Type 9.35 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary / passenger seat; Powered door windows; Tinted glass; Central door locking; 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; 5 outrigger bases: 9.0 ft, 13.6 ft, 18.2 ft, 23.0 ft, 27.6 ft. 4 round polyamide outrigger pads A = 1.25 ft² 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 immobilizer system	Prevents uncontrolled carrier mobilization; Incl. 5 ignition keys.
Pneumatic tire filling plug	For self-inflating of the wheels.

Equipment superstructure

Telescopic boom HA70	41.7 ft - 229.7 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 5 sheaves integrated in boom head for max. capacity of 209,000 lbs.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	Single slewing gear unit with spring-loaded multi-disc brake; Different operating modes selectable.
H1	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring.
Counterweight 113,800 lbs	6 pieces (①-⑤); 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.
Working range limiter	Displaying and programmability of the work range limits by IC-1.
IC-1 Plus	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. Outriggers can be positioned independently. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation.
IC-1 Remote	IC-1 Remote, Tadano telematic system.
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 405-4	Scania DC13; Diesel engine; 405 kW / 2100 1/min (550 HP), torque 2476 Nm / 1400 1/min; The engine complies with Tier 4F; Exhaust system complete stainless steel.
Engine 331-3	Scania DC13; Diesel engine; 331 kW / 2100 1/min (450 HP), torque 2007 Nm / 1575 1/min; The engine complies with EU Stage III A / Tier 3; Exhaust system optional with spark arrester.
Axles 10 x 8 x 10	All 5 axles steered, axles 2-5 are driven and dispose of a selectable transverse lock; Axles 3 and 4 with selectable longitudinal lock.
Additional fuel tank	53 gallons; For 185 gallons diesel total in carrier (no RME/biodiesel).

Superstructure

Heavy lift attachment	2 additional sheaves; Dis-/connectable; For total 7 sheaves at boom head; Max. capacity 286,600 lbs.
2. hoist (H2)	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. quick couplings and transport rack.
Additional counterweight 41,200 lbs	2 pieces (6); for total 154,800 lbs, 8 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.
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Extensions

HAV 37.4 ft	Lattice swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage; Cannot be carried while maintaining 26,500 lbs axle load.
HAV 68.9 ft	Double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage; Cannot be carried while maintaining 26,500 lbs axle load; Includes HAV 37.4 ft.
HAV-VA 108.3 ft	Variable extension; Single piece 39.4 ft lattice boom extension and double folding swing-away jib, manually offsettable 20°/40°; 1-sheaved head; Incl. transport storage for double folding swing-away jib; Includes HAV 37.4 ft, HAV 68.9 ft and HAV-VA 76.8 ft.
HAV-HY-VA 147.7 ft	Variable extension; 2 x 1 piece 39.4 ft lattice boom extension and double folding swing-away jib, hydraulically offsettable 0°-40°; 1-sheaved head; Incl. transport storage for double folding swing-away jib; Includes HAV-HY 37.4 ft, HAV-HY 68.9 ft, HAV-HY-VA 76.8 ft and HAV-HY-VA 108.3 ft.
HAV-HY	Hydraulic offset 0°-40° instead of manual offset 20°/40°; available for HAV 37.4 ft, HAV 68.9 ft and HAV-VA 108.3 ft.
MS (runner)	5.25 ft; Fixed angle runner; 2 sheaves, for max. 86,200 lbs lifting capacity; Incl. transport storage at boom head.

Hook Blocks

Hook block 352,800 lbs, 7-sheaves	Max. capacity 286,600 lbs; 3,660 lbs; Double hook, red with white signal stripes.
Hook block 275,600 lbs, 5-sheaves	Max. capacity 209,000 lbs; 2,490 lbs; Double hook, red with white signal stripes.
Hook block 176,400 lbs, 3-sheaves	Max. capacity 148,400 lbs; 1,870 lbs; Double hook, red with white signal stripes.
Vario hook block 70,600 lbs, 1-sheave	Max. capacity 64,800 lbs; 440 lbs/1,320 lbs; Adjustable ballast and double hook, variable usage as 1- and 3-sheaves hook block, red with white signal stripes.
Hook block 70,600 lbs, 1-sheave	Max. capacity 64,800 lbs; 1,390 lbs; Double hook, red with white signal stripes.
Hook 26,500 lbs	Max. capacity 21,800 lbs; 770 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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