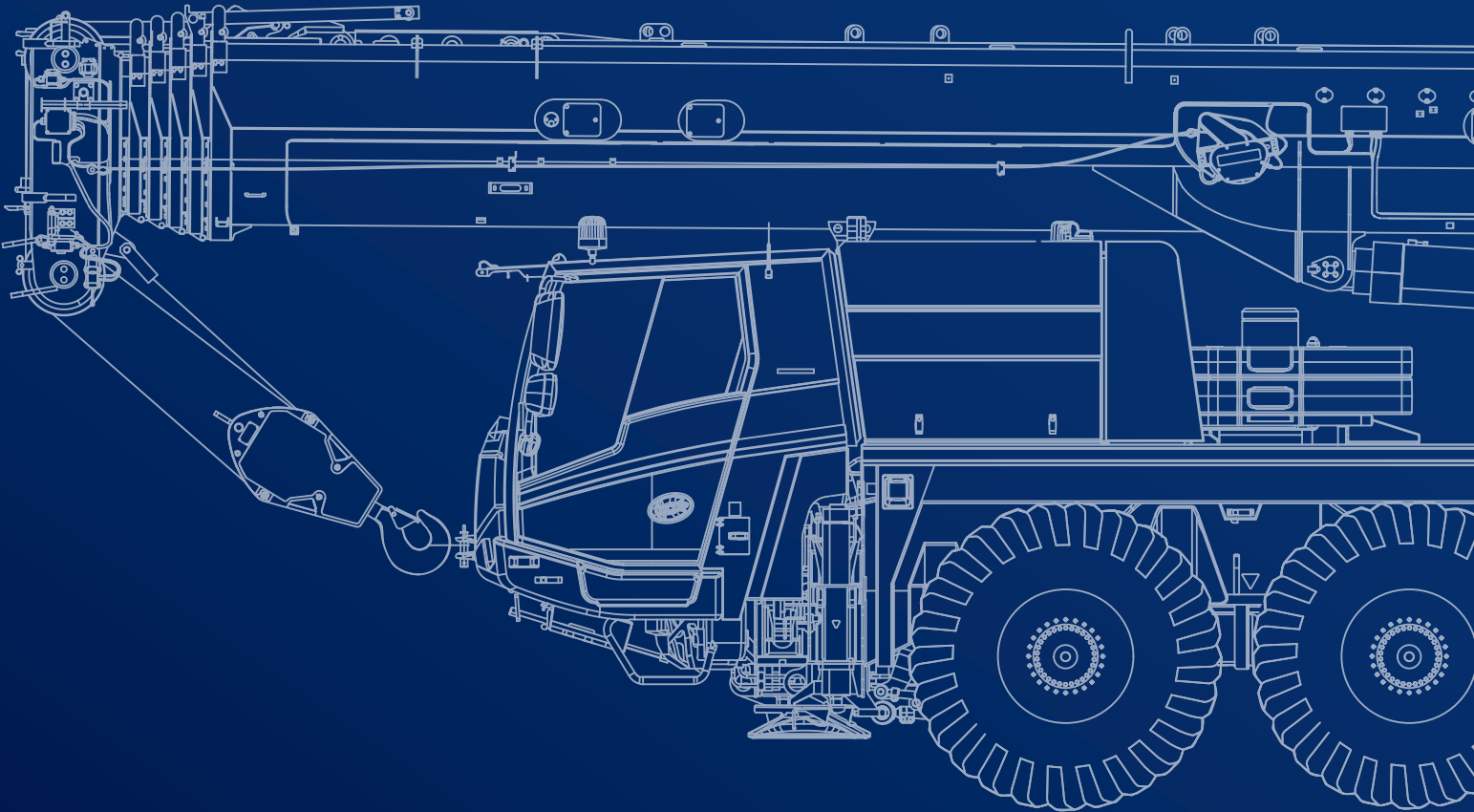


AC 4.070L-1

75 US TON MAX. CRANE CAPACITY



- Suitable for alternative fuels





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

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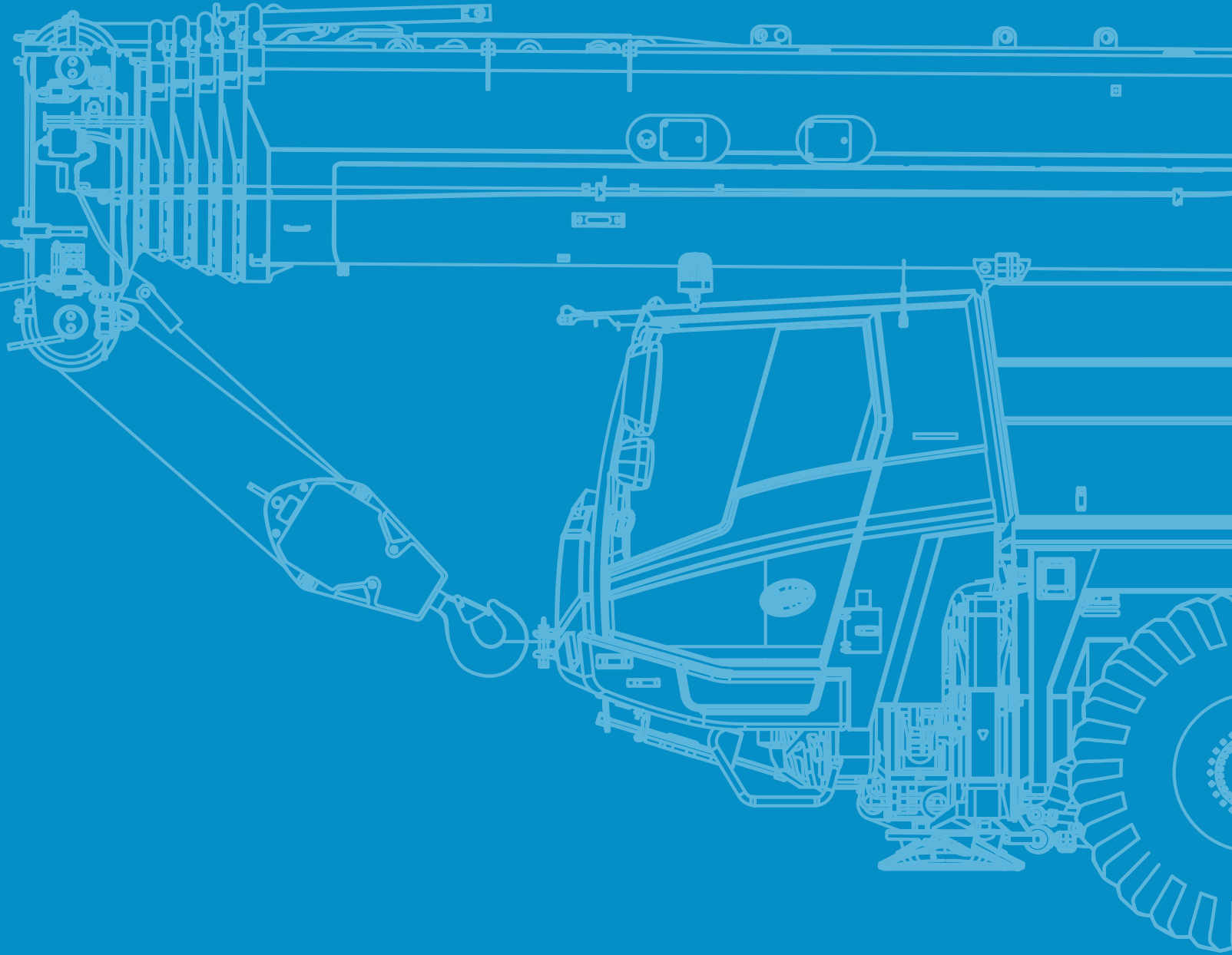
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Key



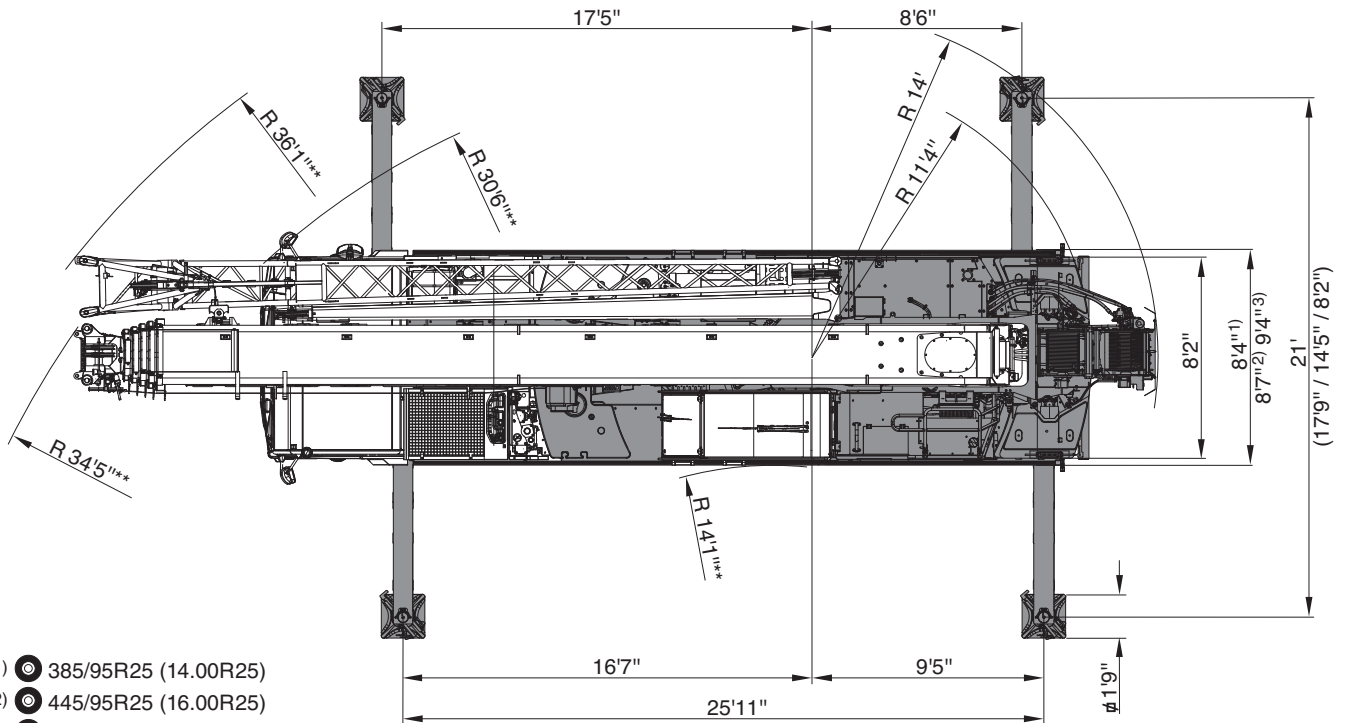
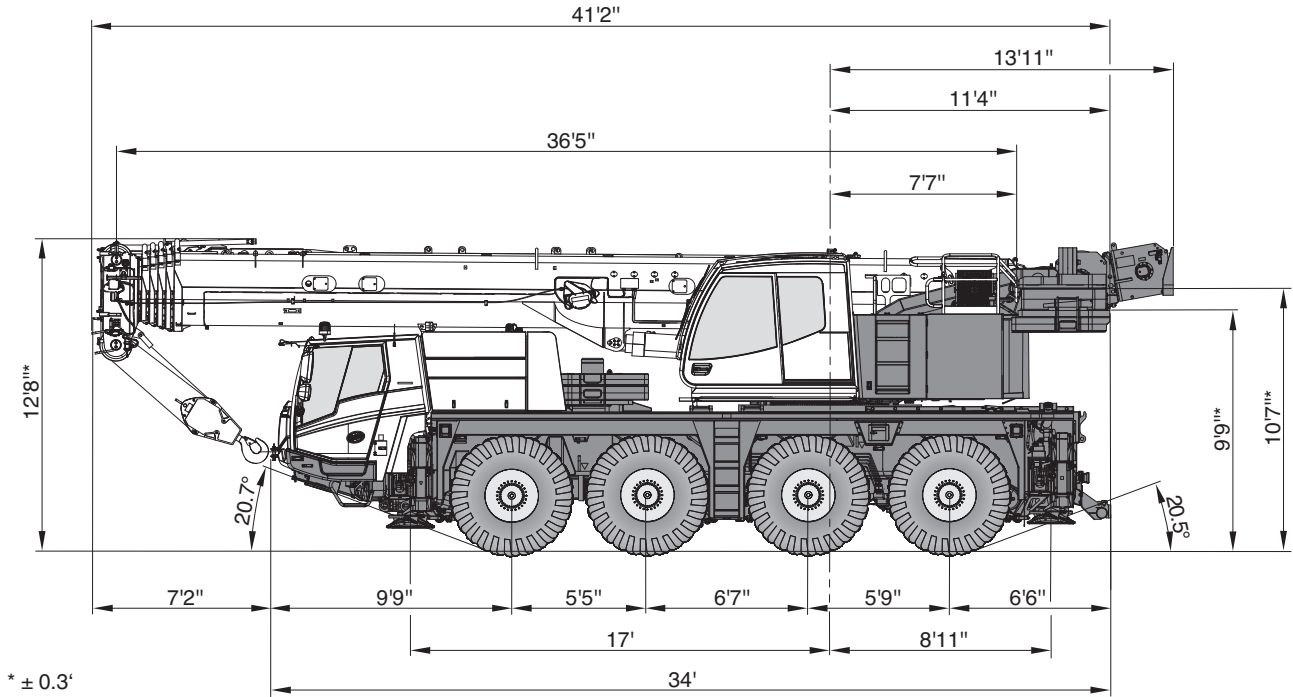
	Counterweight		Boom telescoping
	Lifting capacities on outriggers · 360°		Boom elevation
	Radius		Working speeds
	Main boom		Slewing
	Folding swing-away jib		Max. line pull
	Runner		Rope diameter
	Max. axle loads		Rope length
	Mechanism		Hook block
	Tires		Number of lines
	Hook block		Possible load of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

GENERAL TECHNICAL DATA



General

Vehicle dimensions

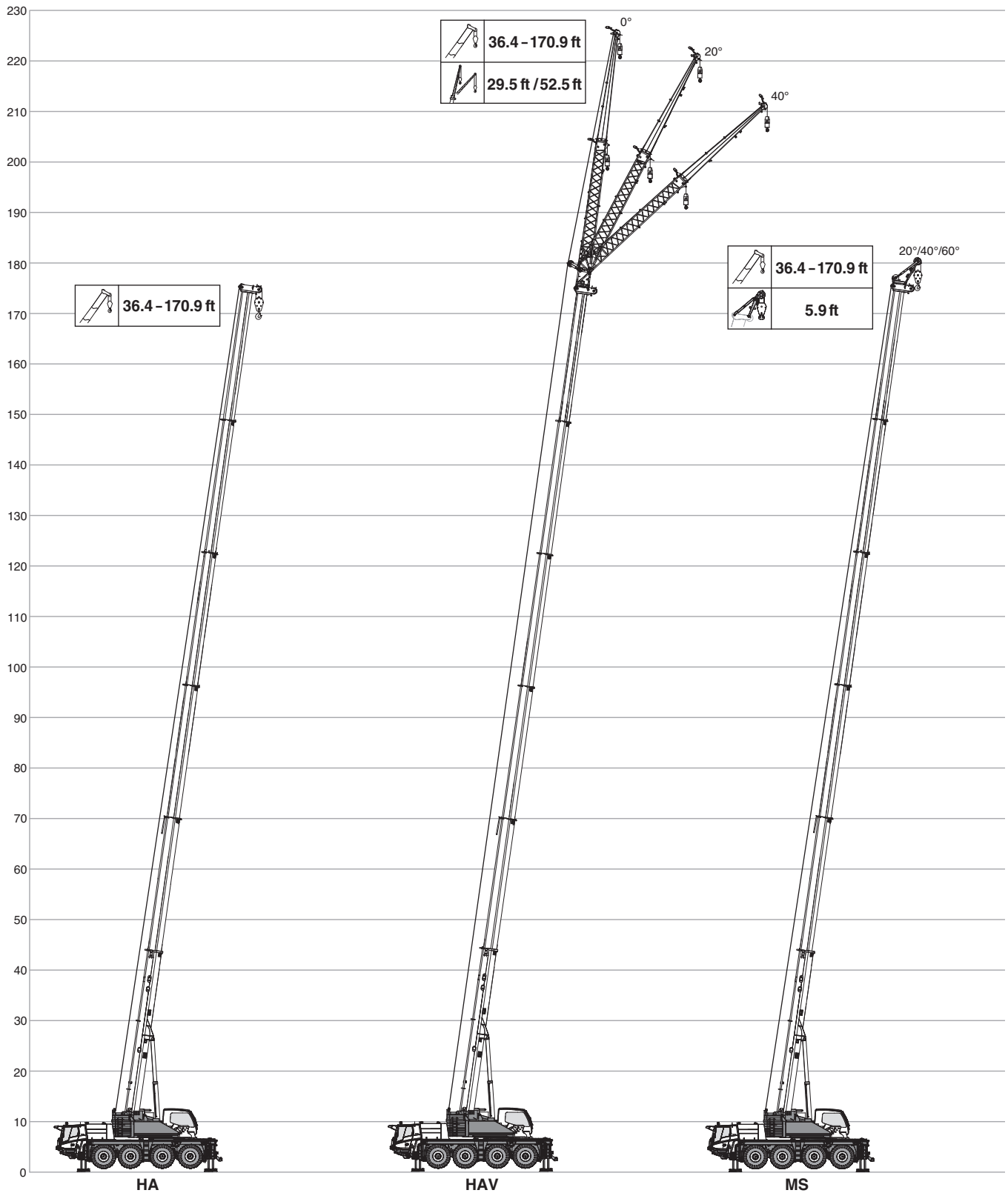


- 1) 385/95R25 (14.00R25)
- 2) 445/95R25 (16.00R25)
- 3) 525/80R25 (20.5R25)

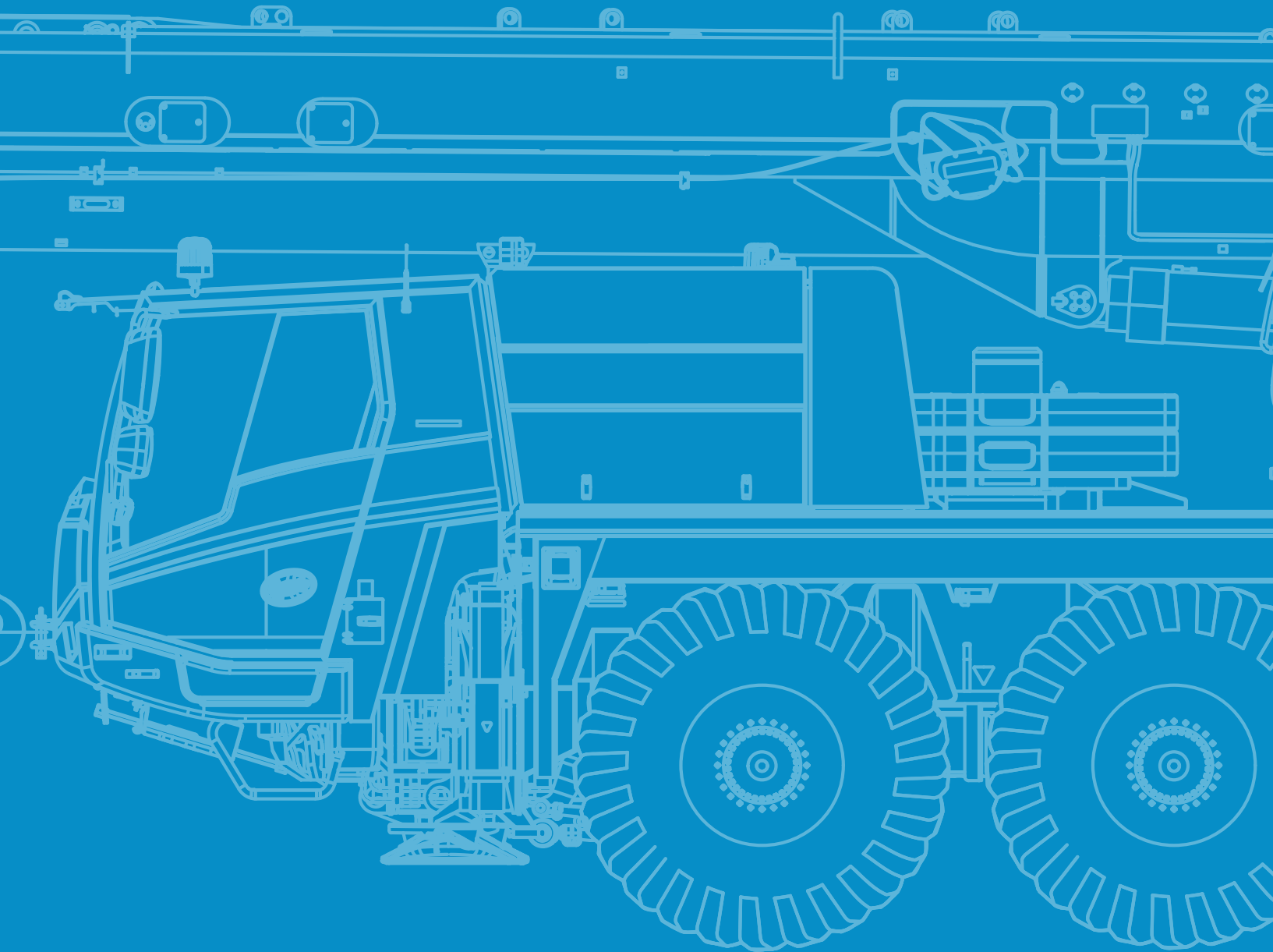
** Minimum

General







Boom combinations










TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING








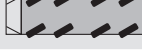



On-road and off-road driving

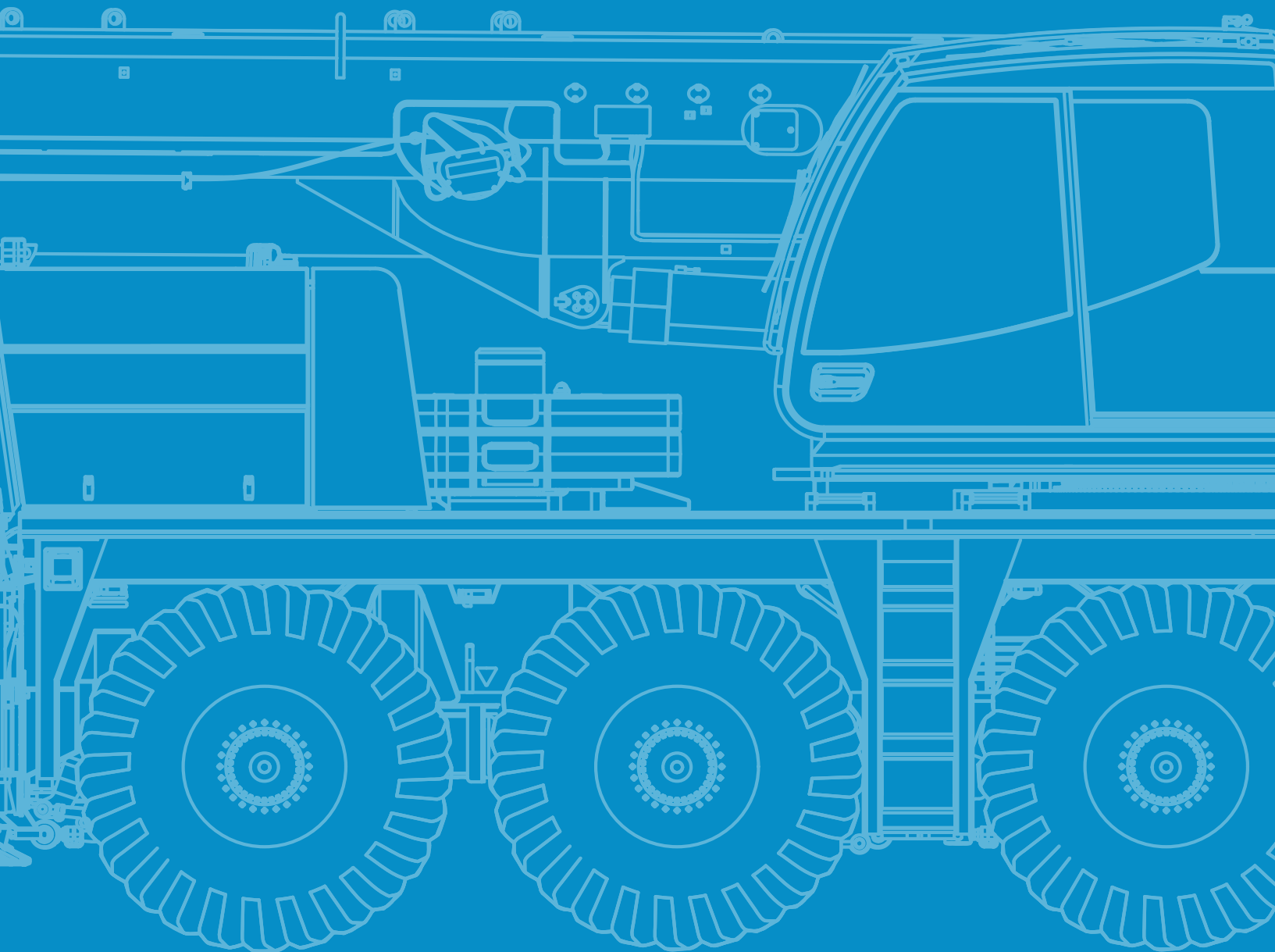
Axle loads						
	Total					
< 22,050 lbs	< 88,200 lbs	8 x 6	445/95R25	13,200 lbs	52.5 ft	7,500 lbs
< 22,050 lbs	< 88,200 lbs	8 x 6	445/95R25	70,500 lbs	–	9,700 lbs
< 26,500 lbs	< 105,800 lbs	8 x 6	445/95R25	70,500/13,200 lbs	52.5 ft	24,250 lbs
< 26,500 lbs	< 105,800 lbs	8 x 6	445/95R25	70,500 lbs	–	26,900 lbs
< 36,400 lbs	< 119,000 lbs	8 x 6	445/95R25	70,500/13,200 lbs	52.5 ft	36,400 lbs

Speeds and gradeability			
	385/95 R 25 14.00 R 25	445/95 R 25 16.00 R 25	525/80 R 25 20.50 R 25
 %	33 %	30 %	30 %
 %	74 %	65 %	65 %
 	49.7 mph ¹⁾	52.8 mph ¹⁾	52.8 mph ¹⁾
 	29.2 mph ¹⁾	31.7 mph ¹⁾	31.7 mph ¹⁾

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

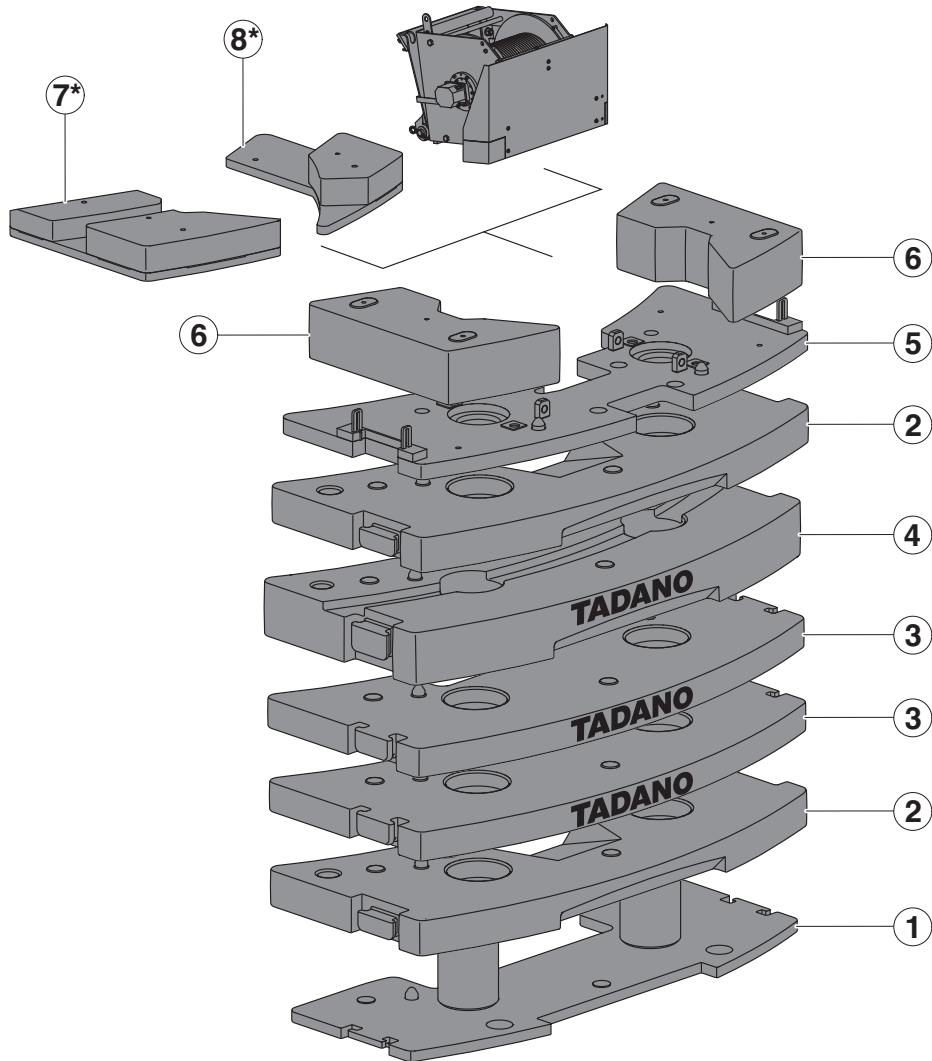
Steering	
	 v < 15.5 mph
	 15.5 mph ≤ v ≤ 24.9 mph
	 v > 24.9 mph
	 Manually steered
	 Minimum turning radius
	 Crab steer mode
	 Rear veering suppression

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight



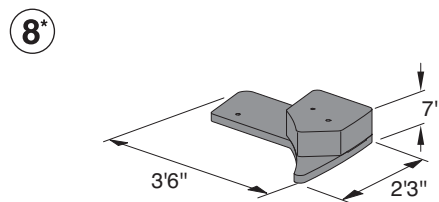
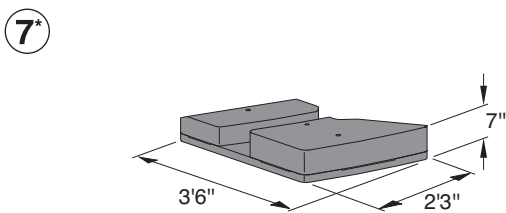
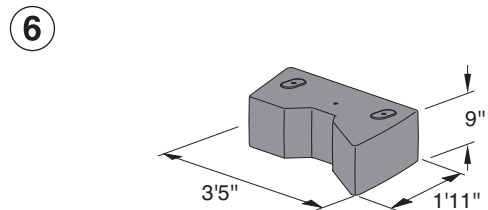
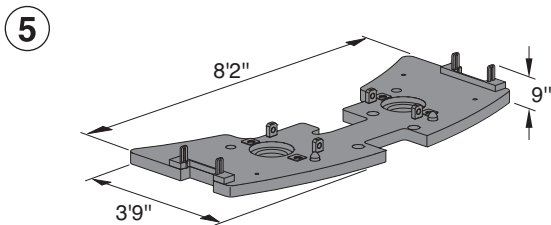
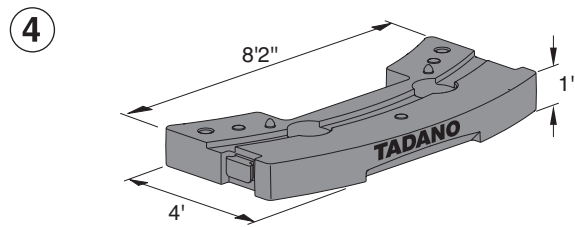
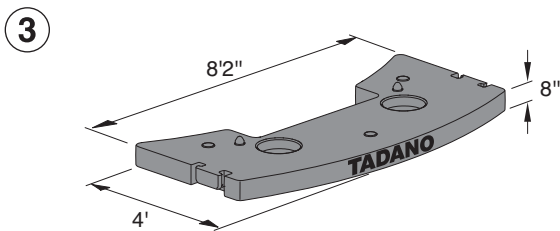
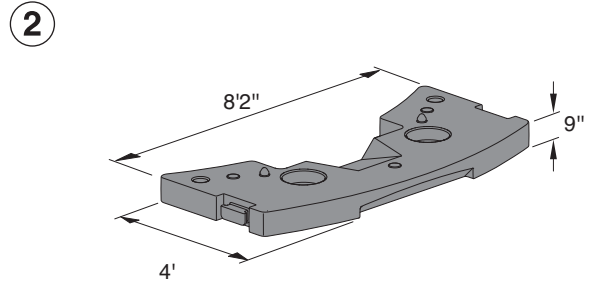
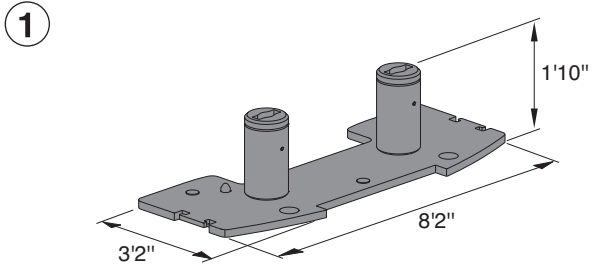
Configurations

	7,500 lbs	9,700 lbs	11,900 lbs	15,200 lbs	19,200 lbs	22,500 lbs	24,250 lbs	26,900 lbs	31,970 lbs	36,400 lbs
① 2,200 lbs		1			1	1	1	1	1	1
② 5,100 lbs					1	1	2	1	2	2
③ 4,400 lbs			1		1		1	1	1	2
④ 7,700 lbs				1		1		1	1	1
⑤ 2,200 lbs	1	1	1	1	1	1	1	1	1	1
⑥ 1,800 lbs	2	2	2	2	2	2	2	2	2	2
⑦* 1,100 lbs	1	1	1	1	1	1	1	1	1	1
⑧* 660 lbs	1	1	1	1	1	1	1	1	1	1

* Can be replaced by 2nd hoist

Transportation

Counterweight

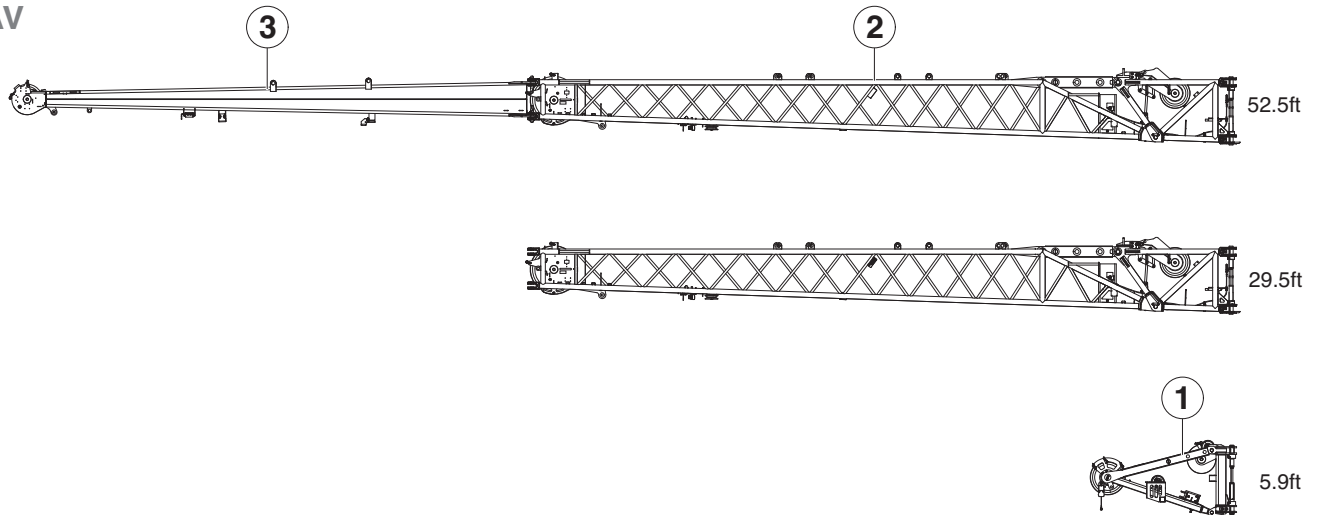


* Can be replaced by 2nd hoist

Transportation

Jib

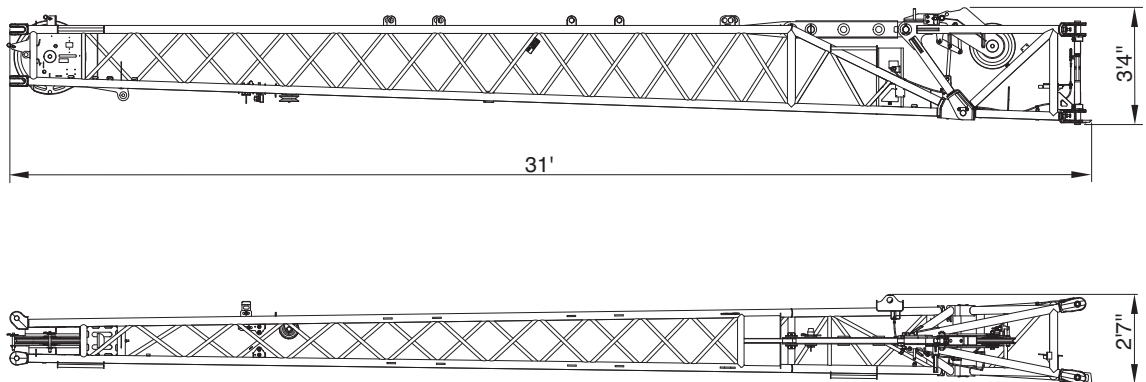
HAV



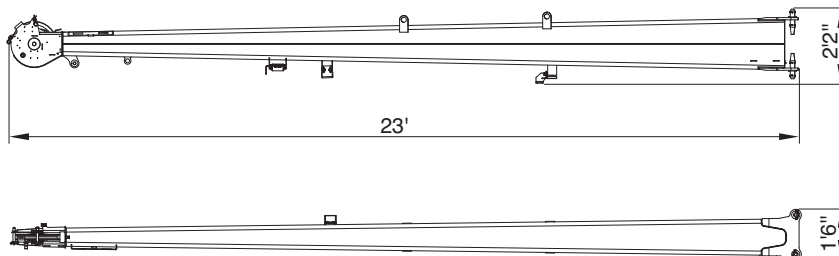
1
lbs
750



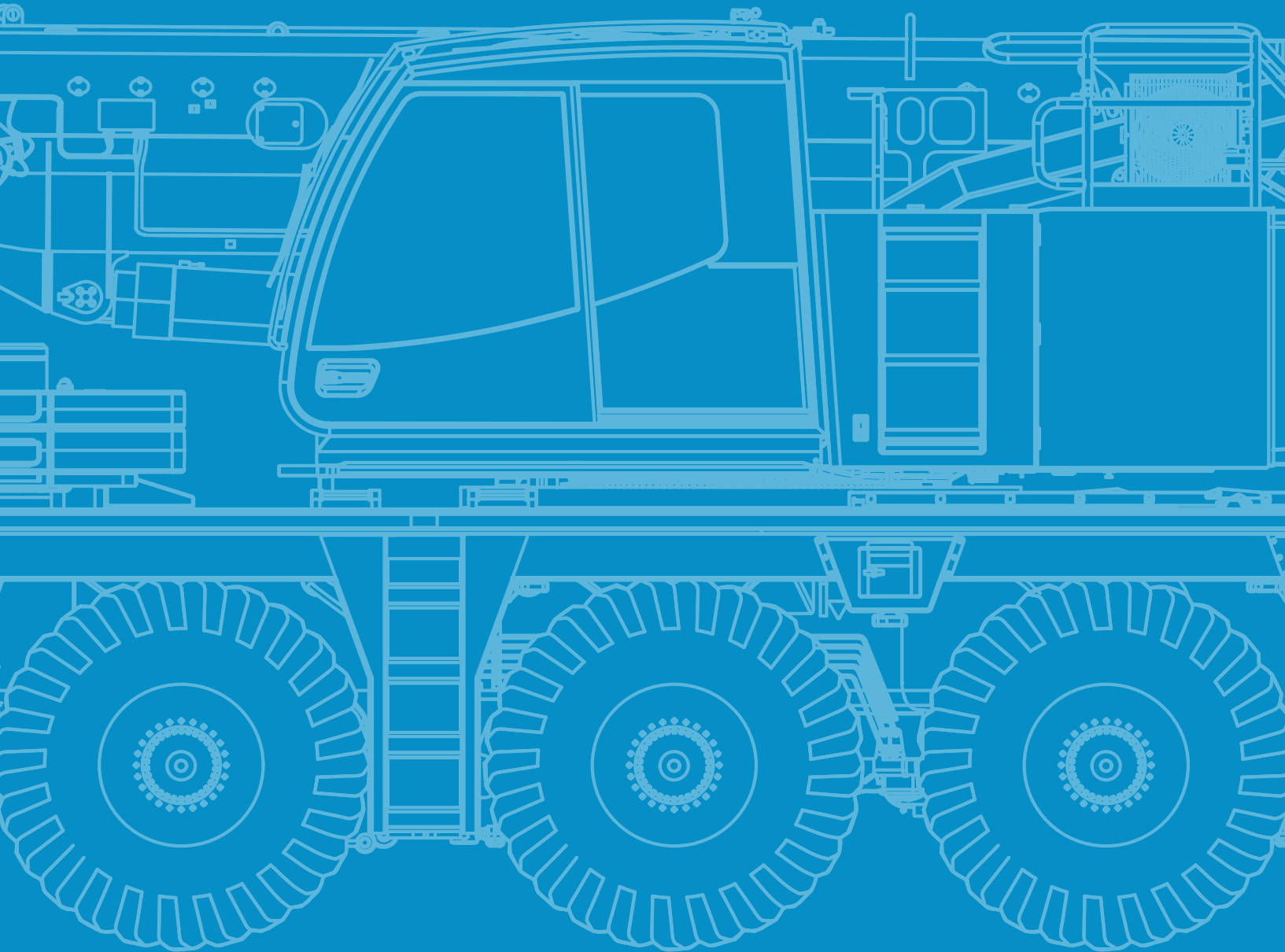
2
lbs
2,000



3
lbs
650



TECHNICAL DATA FOR OPERATION



Operation

Main boom



approx. 500 s (36.4 ft - 170.9 ft)



approx. 33 s (-2° - 82°)

Slewing



0 - 2 min⁻¹

Hoist



1

427 ft/min

9,892 lbf

0.63"

689 ft

2

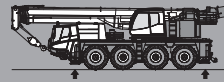
427 ft/min

9,892 lbf

0.63"

689 ft

Outrigger cylinders



71,900 lbs

105,600 lbs



23.6"

23.6"

Hook Blocks



13,200 lbs

9,900 lbs

–

1

390 lbs

35,300 lbs

29,100 lbs

1

3

420 lbs

70,500 lbs

67,250 lbs

3

7

660 lbs

110,200 lbs

104,500 lbs

5

11

1,050 lbs

138,900 lbs

140,900 lbs

7

15

1,430 lbs

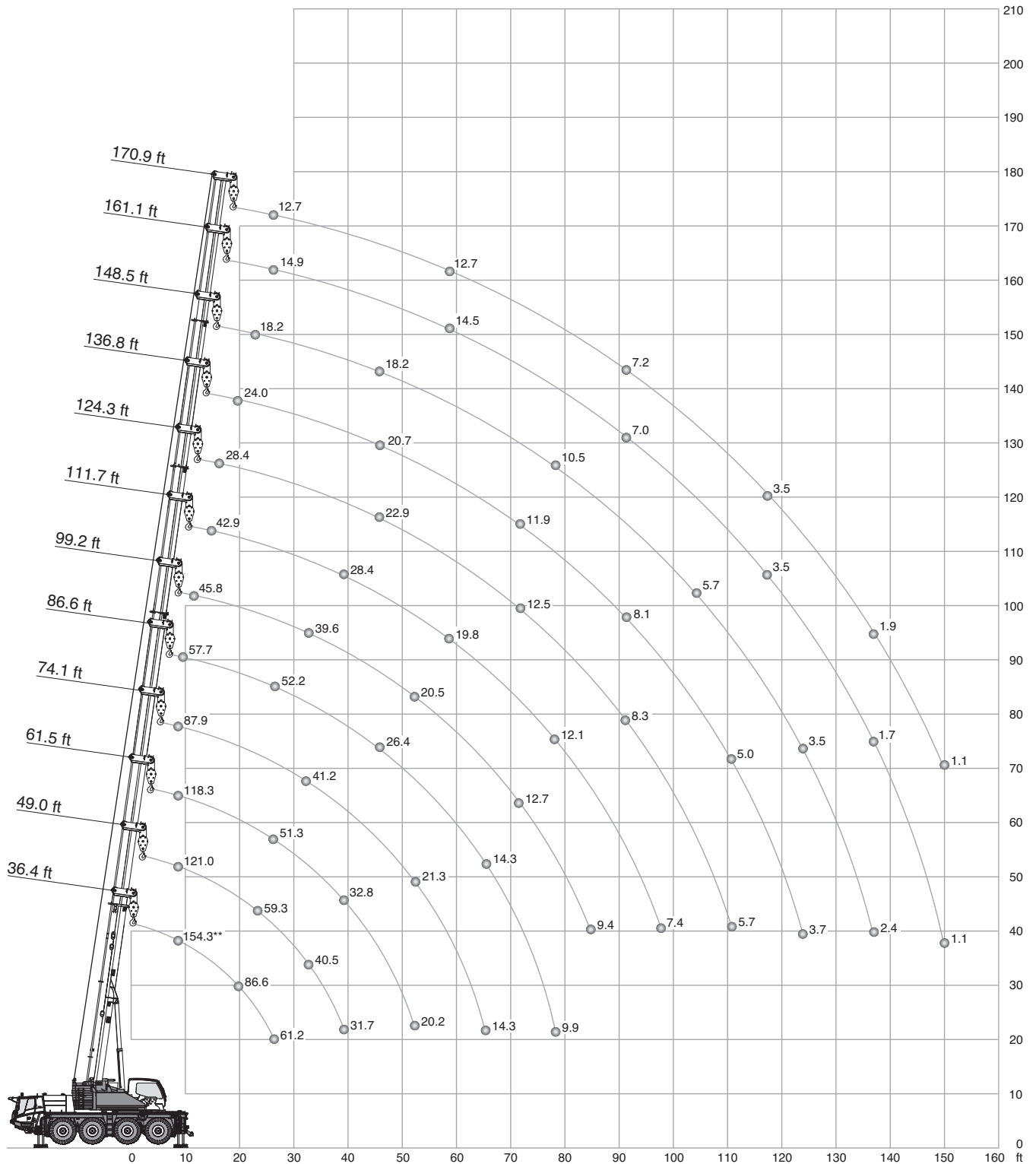
176,400 lbs

154,350 lbs

9

19

1,870 lbs



** Max. crane capacity – with additional special equipment

Operation

HA

36,400 lbs		21.0 ft x 25.9 ft										360°		ASME B30.5			
36.4*		36.4	49.0	61.5	74.1	86.6	(ft)										
ft		1,000 lbs														ft	
8.2	154.3**	126.9	121.0	118.3	87.9	-	-	-	-	-	-	-	-	-	-	-	8.2
9.8	137.7	115.5	111.3	107.3	87.9	57.7	-	-	-	-	-	-	-	-	-	-	9.8
11.5	126.5	106.0	102.0	98.3	87.9	73.6	45.8	-	-	-	-	-	-	-	-	-	11.5
13.1	116.8	97.8	94.1	90.6	87.9	68.3	54.4	-	-	-	-	-	-	-	-	-	13.1
14.8	108.2	90.6	87.3	83.9	82.6	63.7	54.4	42.9	-	-	-	-	-	-	-	-	14.8
16.4	100.7	82.4	81.5	78.2	76.9	59.5	54.4	42.9	28.4	-	-	-	-	-	-	-	16.4
19.7	86.6	69.2	69.4	68.1	67.6	57.7	50.7	42.9	31.3	24.0	-	-	-	-	-	-	19.7
23.0	73.1	59.0	59.3	59.3	58.8	57.7	45.8	42.9	31.3	24.0	18.2	-	-	-	-	-	23.0
26.2	61.2	50.9	51.3	51.3	50.9	52.2	45.1	39.6	31.3	24.0	18.2	14.9	12.7	-	-	-	26.2
29.5	-	-	45.6	44.9	45.1	45.8	42.3	36.3	31.3	24.0	18.2	14.9	12.7	29.5	-	-	29.5
32.8	-	-	40.5	39.6	41.2	40.5	39.6	33.2	29.5	24.0	18.2	14.9	12.7	32.8	-	-	32.8
39.4	-	-	31.7	32.8	32.8	32.6	32.6	28.4	25.7	23.3	18.2	14.9	12.7	39.4	-	-	39.4
45.9	-	-	-	25.3	25.7	26.4	25.5	24.6	22.9	20.7	18.2	14.9	12.7	45.9	-	-	45.9
52.5	-	-	-	20.2	21.3	21.1	20.5	19.8	20.5	18.5	17.1	14.9	12.7	52.5	-	-	52.5
59.1	-	-	-	-	17.4	17.1	16.7	17.4	16.5	16.0	15.6	14.5	12.7	59.1	-	-	59.1
65.6	-	-	-	-	14.3	14.3	15.2	14.5	13.8	13.2	13.6	13.4	12.5	65.6	-	-	65.6
72.2	-	-	-	-	-	13.0	12.7	12.1	12.5	11.9	11.6	11.9	11.6	72.2	-	-	72.2
78.7	-	-	-	-	-	9.9	11.0	10.8	10.5	9.9	10.5	9.9	9.9	78.7	-	-	78.7
85.3	-	-	-	-	-	-	9.4	9.7	9.0	9.0	9.0	8.3	8.3	85.3	-	-	85.3
91.9	-	-	-	-	-	-	-	8.5	8.3	8.1	7.7	7.0	7.2	91.9	-	-	91.9
98.4	-	-	-	-	-	-	-	7.4	7.2	7.0	6.6	5.9	6.1	98.4	-	-	98.4
105.0	-	-	-	-	-	-	-	-	6.3	5.9	5.7	5.0	5.0	105.0	-	-	105.0
111.5	-	-	-	-	-	-	-	-	5.7	5.0	4.8	4.1	4.4	111.5	-	-	111.5
118.1	-	-	-	-	-	-	-	-	-	4.4	4.1	3.5	3.5	118.1	-	-	118.1
124.7	-	-	-	-	-	-	-	-	-	3.7	3.5	2.8	2.8	124.7	-	-	124.7
131.2	-	-	-	-	-	-	-	-	-	-	2.8	2.4	2.4	131.2	-	-	131.2
137.8	-	-	-	-	-	-	-	-	-	-	2.4	1.7	1.9	137.8	-	-	137.8
144.4	-	-	-	-	-	-	-	-	-	-	-	1.3	1.3	144.4	-	-	144.4
150.9	-	-	-	-	-	-	-	-	-	-	-	1.1	1.1	150.9	-	-	150.9

* over rear

** Max. crane capacity – with additional special equipment

Operation

HA

26,900 lbs		21.0 ft x 25.9 ft											360°		ASME B30.5	
		(ft)														
		36.4*	36.4	49.0	61.5	74.1	86.6	99.2	111.7	124.3	136.8	148.5	161.1	170.9		
ft		1,000 lbs													ft	
8.2	151.2	126.9	121.0	118.3	87.9	-	-	-	-	-	-	-	-	-	-	8.2
9.8	137.7	115.5	111.3	107.3	87.9	57.7	-	-	-	-	-	-	-	-	-	9.8
11.5	126.5	106.0	102.0	98.3	87.9	73.6	45.8	-	-	-	-	-	-	-	-	11.5
13.1	116.8	97.4	94.1	90.6	87.9	68.3	54.4	-	-	-	-	-	-	-	-	13.1
14.8	108.2	87.7	87.3	83.9	82.6	63.7	54.4	42.9	-	-	-	-	-	-	-	14.8
16.4	100.7	79.5	79.8	78.2	76.9	59.5	54.4	42.9	28.4	-	-	-	-	-	-	16.4
19.7	83.1	66.3	66.5	66.5	66.3	57.7	50.7	42.9	31.3	24.0	-	-	-	-	-	19.7
23.0	68.5	56.4	56.6	56.6	56.4	57.3	45.8	42.9	31.3	24.0	18.2	-	-	-	-	23.0
26.2	53.7	48.7	49.6	48.9	48.9	48.2	45.1	39.6	31.3	24.0	18.2	14.9	12.7	-	-	26.2
29.5	-	-	43.4	42.7	44.0	41.2	40.7	36.3	31.3	24.0	18.2	14.9	12.7	-	-	29.5
32.8	-	-	37.4	38.3	38.1	37.0	35.4	33.0	29.5	24.0	18.2	14.9	12.7	-	-	32.8
39.4	-	-	27.1	27.9	29.1	29.1	27.5	25.5	25.1	23.3	18.2	14.9	12.7	-	-	39.4
45.9	-	-	-	22.0	22.4	22.2	21.3	21.8	20.7	19.4	18.2	14.9	12.7	-	-	45.9
52.5	-	-	-	17.6	17.8	17.6	18.2	17.8	16.9	16.3	15.8	14.9	12.7	-	-	52.5
59.1	-	-	-	-	14.5	15.2	14.9	14.3	14.7	14.1	14.1	13.4	12.7	-	-	59.1
65.6	-	-	-	-	12.3	12.7	12.5	12.7	12.1	11.9	12.1	11.4	11.2	-	-	65.6
72.2	-	-	-	-	-	10.8	10.5	10.8	10.5	10.3	10.1	9.4	9.4	-	-	72.2
78.7	-	-	-	-	-	7.9	9.4	9.2	9.2	8.8	8.3	7.7	7.9	-	-	78.7
85.3	-	-	-	-	-	-	8.1	7.9	7.7	7.2	7.0	6.3	6.3	-	-	85.3
91.9	-	-	-	-	-	-	-	6.6	6.6	6.1	5.9	5.2	5.2	-	-	91.9
98.4	-	-	-	-	-	-	-	5.7	5.7	5.2	5.0	4.4	4.4	-	-	98.4
105.0	-	-	-	-	-	-	-	-	4.8	4.4	4.1	3.5	3.5	-	-	105.0
111.5	-	-	-	-	-	-	-	-	4.1	3.7	3.3	2.8	2.8	-	-	111.5
118.1	-	-	-	-	-	-	-	-	-	3.0	2.8	2.2	2.2	-	-	118.1
124.7	-	-	-	-	-	-	-	-	-	2.4	2.2	1.5	1.5	-	-	124.7
131.2	-	-	-	-	-	-	-	-	-	-	1.7	1.1	1.1	-	-	131.2
137.8	-	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	137.8

* over rear

Operation

HA

24,250 lbs		21.0 ft x 25.9 ft											360°		ASME B30.5		
ft		(ft)											ft		ft		
36.4*		36.4	49.0	61.5	74.1	86.6	99.2	111.7	124.3	136.8	148.5	161.1	170.9	1,000 lbs		ft	
8.2	151.2	126.9	121.0	118.3	87.9	-	-	-	-	-	-	-	-	-	-	-	8.2
9.8	137.7	115.5	111.3	107.3	87.9	57.7	-	-	-	-	-	-	-	-	-	-	9.8
11.5	126.5	106.0	102.0	98.3	87.9	73.6	45.8	-	-	-	-	-	-	-	-	-	11.5
13.1	116.8	96.5	94.1	90.6	87.9	68.3	54.4	-	-	-	-	-	-	-	-	-	13.1
14.8	108.2	86.8	87.0	83.9	82.6	63.7	54.4	42.9	-	-	-	-	-	-	-	-	14.8
16.4	100.0	78.7	78.9	77.6	76.9	59.5	54.4	42.9	28.4	-	-	-	-	-	-	-	16.4
19.7	82.2	65.6	65.9	65.6	65.4	57.7	50.7	42.9	31.3	24.0	-	-	-	-	-	-	19.7
23.0	65.9	55.7	55.9	55.9	55.5	55.1	45.8	42.9	31.3	24.0	18.2	-	-	-	-	-	23.0
26.2	51.5	48.0	48.9	48.2	48.9	46.2	45.1	39.6	31.3	24.0	18.2	14.9	12.7	-	-	-	26.2
29.5	-	-	42.7	42.1	42.1	39.6	39.0	36.1	31.3	24.0	18.2	14.9	12.7	-	-	-	29.5
32.8	-	-	35.7	36.8	36.1	36.1	33.7	31.3	29.5	24.0	18.2	14.9	12.7	-	-	-	32.8
39.4	-	-	26.2	27.3	27.7	27.5	26.2	24.4	24.4	22.9	18.2	14.9	12.7	-	-	-	39.4
45.9	-	-	-	20.9	21.1	21.1	20.2	21.1	19.6	18.2	18.2	14.9	12.7	-	-	-	45.9
52.5	-	-	-	16.7	16.7	16.7	17.6	16.7	16.3	16.0	15.6	14.9	12.7	-	-	-	52.5
59.1	-	-	-	-	13.6	14.5	14.3	13.8	13.8	13.2	13.6	12.7	12.5	-	-	-	59.1
65.6	-	-	-	-	12.1	12.1	11.6	12.1	11.6	11.6	11.4	10.5	10.5	-	-	-	65.6
72.2	-	-	-	-	-	10.1	10.5	10.1	10.1	9.7	9.4	8.8	8.8	-	-	-	72.2
78.7	-	-	-	-	-	7.2	8.8	8.5	8.5	8.1	7.9	7.2	7.2	-	-	-	78.7
85.3	-	-	-	-	-	-	7.4	7.2	7.2	6.8	6.6	5.9	5.9	-	-	-	85.3
91.9	-	-	-	-	-	-	-	6.1	6.1	5.7	5.5	4.8	4.8	-	-	-	91.9
98.4	-	-	-	-	-	-	-	5.2	5.2	4.8	4.4	3.9	3.9	-	-	-	98.4
105.0	-	-	-	-	-	-	-	-	4.4	3.9	3.7	3.0	3.0	-	-	-	105.0
111.5	-	-	-	-	-	-	-	-	3.7	3.3	3.0	2.4	2.4	-	-	-	111.5
118.1	-	-	-	-	-	-	-	-	-	2.6	2.4	1.7	1.7	-	-	-	118.1
124.7	-	-	-	-	-	-	-	-	-	2.2	1.7	1.3	1.3	-	-	-	124.7
131.2	-	-	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	131.2

9,700 lbs		21.0 ft x 25.9 ft											360°		ASME B30.5		
ft		(ft)											ft		ft		
36.4*		36.4	49.0	61.5	74.1	86.6	99.2	111.7	124.3	136.8	148.5	161.1	170.9	1,000 lbs		ft	
8.2	151.2	126.9	121.0	118.3	87.9	-	-	-	-	-	-	-	-	-	-	-	8.2
9.8	137.7	115.5	111.3	107.3	87.9	57.7	-	-	-	-	-	-	-	-	-	-	9.8
11.5	126.5	102.2	102.0	98.3	87.9	73.6	45.8	-	-	-	-	-	-	-	-	-	11.5
13.1	116.8	91.0	91.2	89.9	87.9	68.3	54.4	-	-	-	-	-	-	-	-	-	13.1
14.8	104.7	81.5	81.7	80.4	81.1	63.7	54.4	42.9	-	-	-	-	-	-	-	-	14.8
16.4	93.4	73.4	73.8	73.6	70.1	59.5	54.4	42.9	28.4	-	-	-	-	-	-	-	16.4
19.7	69.4	60.8	61.0	58.4	56.4	51.3	46.7	42.9	31.3	24.0	-	-	-	-	-	-	19.7
23.0	50.9	50.9	50.4	48.0	44.7	43.8	40.3	37.0	31.3	24.0	18.2	-	-	-	-	-	23.0
26.2	39.4	38.3	39.6	39.0	38.8	36.3	33.5	31.7	29.3	24.0	18.2	14.9	12.7	-	-	-	26.2
29.5	-	-	31.3	33.5	32.6	30.8	28.4	28.2	26.2	24.0	18.2	14.9	12.7	-	-	-	29.5
32.8	-	-	26.0	27.3	27.7	26.4	25.5	24.4	22.9	21.8	18.2	14.9	12.7	-	-	-	32.8
39.4	-	-	18.2	19.4	19.8	20.7	20.2	19.4	18.5	18.2	16.3	14.9	12.7	-	-	-	39.4
45.9	-	-	-	14.5	15.8	15.8	15.6	16.0	15.6	14.5	13.6	12.5	12.3	-	-	-	45.9
52.5	-	-	-	11.2	12.3	12.3	12.7	12.5	12.5	11.9	11.0	10.1	9.9	-	-	-	52.5
59.1	-	-	-	-	9.7	9.9	10.3	9.9	9.9	9.4	9.0	8.1	7.9	-	-	-	59.1
65.6	-	-	-	-	7.9	7.9	8.3	8.1	7.9	7.4	7.2	6.3	6.3	-	-	-	65.6
72.2	-	-	-	-	-	6.3	6.8	6.6	6.3	5.9	5.7	5.0	5.0	-	-	-	72.2
78.7	-	-	-	-	-	3.9	5.5	5.2	5.2	4.8	4.4	3.9	3.9	-	-	-	78.7
85.3	-	-	-	-	-	-	4.6	4.1	4.1	3.7	3.5	2.8	2.8	-	-	-	85.3
91.9	-	-	-	-	-	-	-	3.3	3.3	2.8	2.6	1.9	1.9	-	-	-	91.9
98.4	-	-	-	-	-	-	-	2.6	2.6	2.2	1.9	-	-	-	-	-	98.4
105.0	-	-	-	-	-	-	-	-	1.9	1.5	1.3	-	-	-	-	-	105.0
111.5	-	-	-	-	-	-	-	-	1.5	1.1	-	-	-	-	-	-	111.5

* over rear

Operation

HA

7,500 lbs		21.0 ft x 25.9 ft											360°		ASME B30.5			
		(ft)																
		36.4*	36.4	49.0	61.5	74.1	86.6	99.2	111.7	124.3	136.8	148.5	161.1	170.9				
ft		1,000 lbs													ft			
8.2	151.2	126.9	121.0	118.3	87.9	-	-	-	-	-	-	-	-	-	-	-	8.2	
9.8	137.7	115.3	111.3	107.3	87.9	57.7	-	-	-	-	-	-	-	-	-	-	9.8	
11.5	126.5	101.4	101.1	98.3	87.9	73.6	45.8	-	-	-	-	-	-	-	-	-	11.5	
13.1	116.8	89.9	90.3	89.0	87.9	68.3	54.4	-	-	-	-	-	-	-	-	-	13.1	
14.8	103.6	80.6	80.9	79.5	77.8	63.7	54.4	42.9	-	-	-	-	-	-	-	-	14.8	
16.4	89.5	72.7	72.9	72.7	67.0	59.5	54.4	42.9	28.4	-	-	-	-	-	-	-	16.4	
19.7	66.3	59.9	60.4	55.3	53.5	48.7	45.8	42.9	31.3	24.0	-	-	-	-	-	-	19.7	
23.0	48.5	48.0	47.8	45.6	42.9	41.6	38.3	35.9	31.3	24.0	18.2	-	-	-	-	-	23.0	
26.2	37.4	36.1	37.4	37.0	36.5	34.3	31.7	29.9	28.4	24.0	18.2	14.9	12.7	-	-	-	26.2	
29.5	-	-	30.2	31.5	30.8	29.1	27.1	26.6	24.9	22.7	18.2	14.9	12.7	29.5	-	-	29.5	
32.8	-	-	24.4	25.7	26.2	24.9	24.9	22.9	22.7	20.9	18.2	14.9	12.7	32.8	-	-	32.8	
39.4	-	-	17.1	18.2	18.5	19.8	19.1	18.9	18.0	17.1	16.0	14.7	12.7	39.4	-	-	39.4	
45.9	-	-	-	13.4	14.7	14.9	15.4	14.9	14.5	13.6	12.7	11.6	11.4	45.9	-	-	45.9	
52.5	-	-	-	10.3	11.4	11.6	12.1	11.6	11.6	11.0	10.3	9.2	9.0	52.5	-	-	52.5	
59.1	-	-	-	-	9.0	9.2	9.4	9.2	9.2	8.8	8.3	7.2	7.2	59.1	-	-	59.1	
65.6	-	-	-	-	7.2	7.2	7.7	7.4	7.2	7.0	6.6	5.7	5.7	65.6	-	-	65.6	
72.2	-	-	-	-	-	5.9	6.1	5.9	5.9	5.5	5.0	4.6	4.4	72.2	-	-	72.2	
78.7	-	-	-	-	-	3.3	5.0	4.8	4.6	4.1	3.9	3.3	3.3	78.7	-	-	78.7	
85.3	-	-	-	-	-	-	3.9	3.7	3.7	3.3	3.0	2.4	2.4	85.3	-	-	85.3	
91.9	-	-	-	-	-	-	-	3.0	2.8	2.4	2.2	-	-	91.9	-	-	91.9	
98.4	-	-	-	-	-	-	-	2.2	2.2	1.7	1.5	-	-	98.4	-	-	98.4	
105.0	-	-	-	-	-	-	-	-	1.5	1.1	-	-	-	105.0	-	-	105.0	
111.5	-	-	-	-	-	-	-	-	1.1	-	-	-	-	111.5	-	-	111.5	

* over rear

Operation

HA

36,400 lbs 180° ASME B30.5				
ft	36.4 ft	48.1 ft	60.7 ft	1,000 lbs
				9.8
11.5	39.0	39.9	35.2	
13.1	35.7	36.3	33.0	
14.8	32.6	33.5	30.8	
16.4	29.9	30.8	29.1	
19.7	25.7	26.6	26.0	
23.0	21.8	23.1	23.5	
26.2	17.6	18.9	20.0	
29.5	-	15.8	16.7	
32.8	-	13.2	14.1	
39.4	-	9.7	10.3	
45.9	-	-	7.7	
52.5	-	-	5.9	

26,900 lbs 180° ASME B30.5				
ft	36.4 ft	48.1 ft	60.7 ft	1,000 lbs
				9.8
11.5	39.2	40.1	35.2	
13.1	35.9	36.5	33.0	
14.8	32.8	33.7	30.8	
16.4	30.2	30.8	29.1	
19.7	23.1	24.6	24.6	
23.0	18.0	19.4	20.5	
26.2	14.3	15.6	16.7	
29.5	-	13.0	13.8	
32.8	-	10.5	11.4	
39.4	-	7.4	8.1	
45.9	-	-	5.9	
52.5	-	-	4.4	

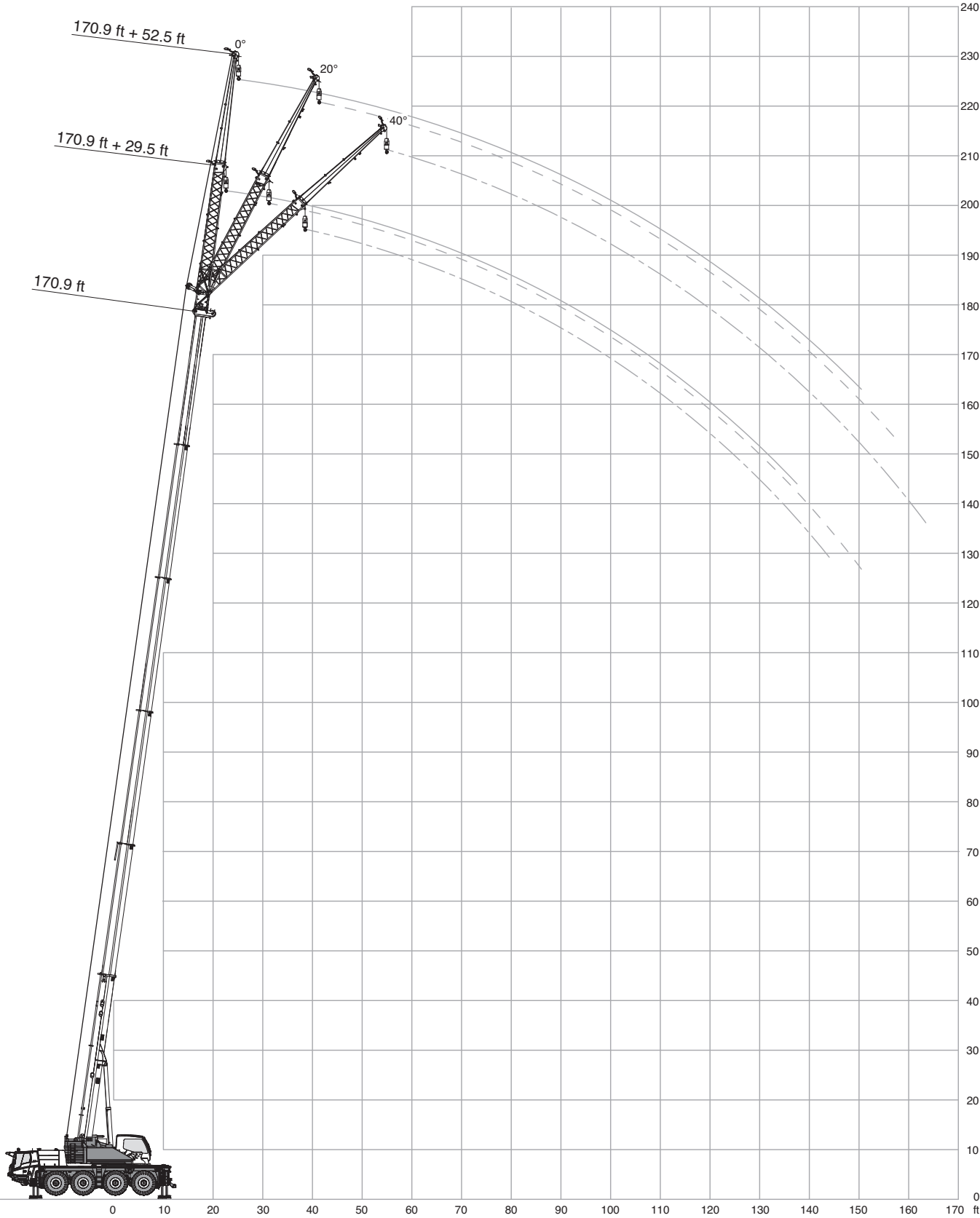
24,250 lbs 180° ASME B30.5				
ft	36.4 ft	48.1 ft	60.7 ft	1,000 lbs
				9.8
11.5	39.2	40.1	35.2	
13.1	35.9	36.5	33.0	
14.8	32.8	33.0	30.8	
16.4	29.1	29.3	28.4	
19.7	22.0	23.3	23.3	
23.0	16.9	18.5	19.4	
26.2	13.4	14.7	15.6	
29.5	-	12.1	13.0	
32.8	-	9.9	10.8	
39.4	-	6.8	7.7	
45.9	-	-	5.5	
52.5	-	-	3.9	

9,700 lbs 180° ASME B30.5				
ft	36.4 ft	48.1 ft	60.7 ft	1,000 lbs
				9.8
11.5	32.6	31.5	29.9	
13.1	27.9	27.3	26.2	
14.8	24.2	23.8	23.1	
16.4	20.5	21.1	20.7	
19.7	14.9	16.5	16.7	
23.0	11.2	12.5	13.4	
26.2	8.3	9.7	10.8	
29.5	-	7.7	8.5	
32.8	-	5.9	6.8	
39.4	-	3.5	4.4	
45.9	-	-	2.6	
52.5	-	-	1.5	

7,500 lbs 180° ASME B30.5				
ft	36.4 ft	48.1 ft	60.7 ft	1,000 lbs
				9.8
11.5	30.8	29.7	28.4	
13.1	26.4	25.7	24.9	
14.8	22.7	22.4	21.8	
16.4	19.1	19.8	19.4	
19.7	13.8	15.4	15.6	
23.0	10.3	11.6	12.5	
26.2	7.4	9.0	9.9	
29.5	-	7.0	7.9	
32.8	-	5.2	6.1	
39.4	-	3.0	3.7	
45.9	-	-	2.2	
52.5	-	-	1.1	

Operation

HAV



Operation

36,400 lbs		21.0 ft x 25.9 ft						29.5 ft			360°			ASME B30.5					
36.4 ft		99.2 ft						136.8 ft			161.1 ft			170.9 ft					
0°		20°		40°		0°		20°		40°	0°		20°	40°	0°		20°	40°	
ft	1,000 lbs																		ft
9.8	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8
11.5	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5
13.1	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.1
14.8	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8
16.4	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4
19.7	19.4	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	19.4	19.4	19.4	-	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0
26.2	19.4	19.4	19.1	-	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2
29.5	19.4	19.4	18.2	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	29.5
32.8	19.4	19.4	17.6	19.4	19.4	19.4	-	12.5	-	-	-	-	-	-	-	-	-	-	32.8
39.4	19.4	18.7	16.5	19.4	19.4	19.1	-	12.5	-	-	6.6	-	-	5.9	-	-	-	-	39.4
45.9	19.4	16.9	-	19.4	19.4	18.5	12.5	12.5	12.5	-	6.6	6.6	-	5.9	-	-	-	-	45.9
52.5	17.1	15.8	-	19.4	19.4	17.6	12.5	12.5	12.5	6.6	6.6	6.6	-	5.9	5.9	-	-	-	52.5
59.1	-	-	-	16.0	17.1	17.1	12.5	12.5	12.3	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	59.1
65.6	-	-	-	13.2	14.1	14.9	12.5	12.3	11.4	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	65.6
72.2	-	-	-	11.9	11.6	12.3	11.0	11.2	10.8	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	72.2
78.7	-	-	-	10.3	9.7	10.1	9.7	10.1	10.1	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	78.7
85.3	-	-	-	8.8	9.0	8.5	8.5	8.5	9.0	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	85.3
91.9	-	-	-	7.7	8.1	-	7.2	7.9	7.9	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	91.9
98.4	-	-	-	6.6	6.8	-	6.6	6.8	7.0	5.9	6.6	6.6	5.9	5.9	5.9	-	-	-	98.4
105.0	-	-	-	5.5	5.9	-	5.9	6.1	6.1	5.0	5.5	5.9	5.0	5.5	5.9	-	-	-	105.0
111.5	-	-	-	5.2	-	-	5.2	5.5	5.5	4.1	4.6	5.0	4.1	4.6	5.0	-	-	-	111.5
118.1	-	-	-	4.8	-	-	4.4	4.8	5.0	3.5	3.9	4.1	3.5	3.9	4.1	-	-	-	118.1
124.7	-	-	-	-	-	-	3.7	4.1	-	2.8	3.3	3.5	2.8	3.3	3.5	-	-	-	124.7
131.2	-	-	-	-	-	-	3.3	3.5	-	2.2	2.6	2.8	2.2	2.6	2.8	-	-	-	131.2
137.8	-	-	-	-	-	-	2.6	2.8	-	1.7	2.2	-	1.7	1.9	2.2	-	-	-	137.8
144.4	-	-	-	-	-	-	2.2	2.4	-	1.3	1.5	-	1.3	1.5	1.7	-	-	-	144.4
150.9	-	-	-	-	-	-	1.9	-	-	-	1.1	-	-	1.1	-	-	-	-	150.9
157.5	-	-	-	-	-	-	1.5	-	-	-	-	-	-	-	-	-	-	-	157.5

Operation

HAV

24,250 lbs		21.0 ft x 25.9 ft						29.5 ft			360°			ASME B30.5					
36.4 ft		99.2 ft						136.8 ft			161.1 ft			170.9 ft					
0°		20°		40°		0°		20°		40°	0°		20°	40°	0°		20°	40°	
ft	1,000 lbs																		ft
9.8	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8
11.5	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5
13.1	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.1
14.8	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8
16.4	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4
19.7	19.4	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	19.4	19.4	19.4	-	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0
26.2	19.4	19.4	19.1	-	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2
29.5	19.4	19.4	18.2	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	29.5
32.8	19.4	19.4	17.6	19.4	19.4	19.4	-	12.5	-	-	-	-	-	-	-	-	-	-	32.8
39.4	19.4	18.7	16.5	19.4	19.4	19.1	-	12.5	-	-	6.6	-	-	5.9	-	-	-	-	39.4
45.9	19.4	16.9	-	18.5	19.4	18.5	12.5	12.5	12.5	-	6.6	6.6	-	5.9	-	-	-	-	45.9
52.5	17.1	15.8	-	15.4	16.5	17.6	12.5	12.5	12.5	6.6	6.6	6.6	-	5.9	5.9	-	-	-	52.5
59.1	-	-	-	13.6	13.4	14.3	11.4	12.5	12.3	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	59.1
65.6	-	-	-	11.2	10.8	11.4	9.9	10.8	11.4	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	65.6
72.2	-	-	-	9.2	9.9	9.2	9.0	9.7	9.7	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	72.2
78.7	-	-	-	7.9	8.3	8.8	8.1	8.3	8.5	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	78.7
85.3	-	-	-	7.2	7.0	7.2	6.8	7.4	7.2	5.9	6.6	6.6	5.7	5.9	5.9	-	-	-	85.3
91.9	-	-	-	6.3	6.3	-	5.7	6.3	6.6	4.8	5.5	5.9	4.6	5.2	5.9	-	-	-	91.9
98.4	-	-	-	5.9	5.7	-	4.8	5.2	5.7	3.9	4.4	4.8	3.7	4.4	4.8	-	-	-	98.4
105.0	-	-	-	5.0	5.2	-	3.9	4.4	4.6	3.0	3.5	3.9	3.0	3.5	3.9	-	-	-	105.0
111.5	-	-	-	4.4	-	-	3.3	3.7	3.9	2.4	2.8	3.0	2.4	2.8	3.0	-	-	-	111.5
118.1	-	-	-	3.7	-	-	2.6	3.0	3.3	1.7	2.2	2.4	1.7	2.2	2.4	-	-	-	118.1
124.7	-	-	-	-	-	-	2.2	2.4	-	1.3	1.5	1.7	1.1	1.5	1.7	-	-	-	124.7
131.2	-	-	-	-	-	-	1.7	1.9	-	-	1.1	1.3	-	1.1	1.3	-	-	-	131.2
137.8	-	-	-	-	-	-	1.3	1.5	-	-	-	-	-	-	-	-	-	-	137.8
144.4	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	144.4

7,500 lbs		21.0 ft x 25.9 ft						29.5 ft			360°			ASME B30.5					
36.4 ft		99.2 ft						136.8 ft			161.1 ft			170.9 ft					
0°		20°		40°		0°		20°		40°	0°		20°	40°	0°		20°	40°	
ft	1,000 lbs																		ft
9.8	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.8
11.5	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5
13.1	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.1
14.8	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8
16.4	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4
19.7	19.4	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	19.4	19.4	19.4	-	17.1	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0
26.2	19.4	19.4	19.1	-	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2
29.5	19.4	19.4	18.2	19.4	19.4	-	-	-	-	-	-	-	-	-	-	-	-	-	29.5
32.8	19.4	19.4	17.6	19.4	19.4	19.4	-	12.5	-	-	-	-	-	-	-	-	-	-	32.8
39.4	19.4	18.7	16.5	16.7	16.7	18.5	-	12.5	-	-	6.6	-	-	5.9	-	-	-	-	39.4
45.9	15.6	16.5	-	13.6	13.4	14.3	10.5	11.9	12.5	-	6.6	6.6	-	5.9	-	-	-	-	45.9
52.5	12.3	12.7	-	11.6	11.6	11.2	9.2	9.9	10.5	6.6	6.6	6.6	-	5.9	5.9	-	-	-	52.5
59.1	-	-	-	9.9	10.1	10.1	8.3	8.5	9.2	6.6	6.6	6.6	5.9	5.9	5.9	-	-	-	59.1
65.6	-	-	-	8.1	8.3	8.5	6.8	7.7	8.3	5.2	6.1	6.6	5.0	5.9	5.9	-	-	-	65.6
72.2	-	-	-	6.6	7.0	7.2	5.5	6.1	6.8	3.9	4.8	5.5	3.9	4.6	5.5	-	-	-	72.2
78.7	-	-	-	5.2	5.9	6.1	4.4	5.0	5.5	3.0	3.7	4.4	2.8	3.7	4.1	-	-	-	78.7
85.3	-	-	-	4.4	4.8	5.0	3.3	3.9	4.4	2.2	2.8	3.5	1.9	2.6	3.3	-	-	-	85.3
91.9	-	-	-	3.5	3.9	-	2.6	3.0	3.5	1.5	1.9	2.6	1.3	1.9	2.4	-	-	-	91.9
98.4	-	-	-	2.8	3.0	-	1.7	2.2	2.6	-	1.3	1.7	-	1.3	1.7	-	-	-	98.4
105.0	-	-	-	2.2	2.4	-	1.3	1.7	1.9	-	-	1.1	-	-	1.1	-	-	-	105.0
111.5	-	-	-	1.7	-	-	-	1.1	1.3	-	-	-	-	-	-	-	-	-	111.5
118.1	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	118.1

Operation

HAV

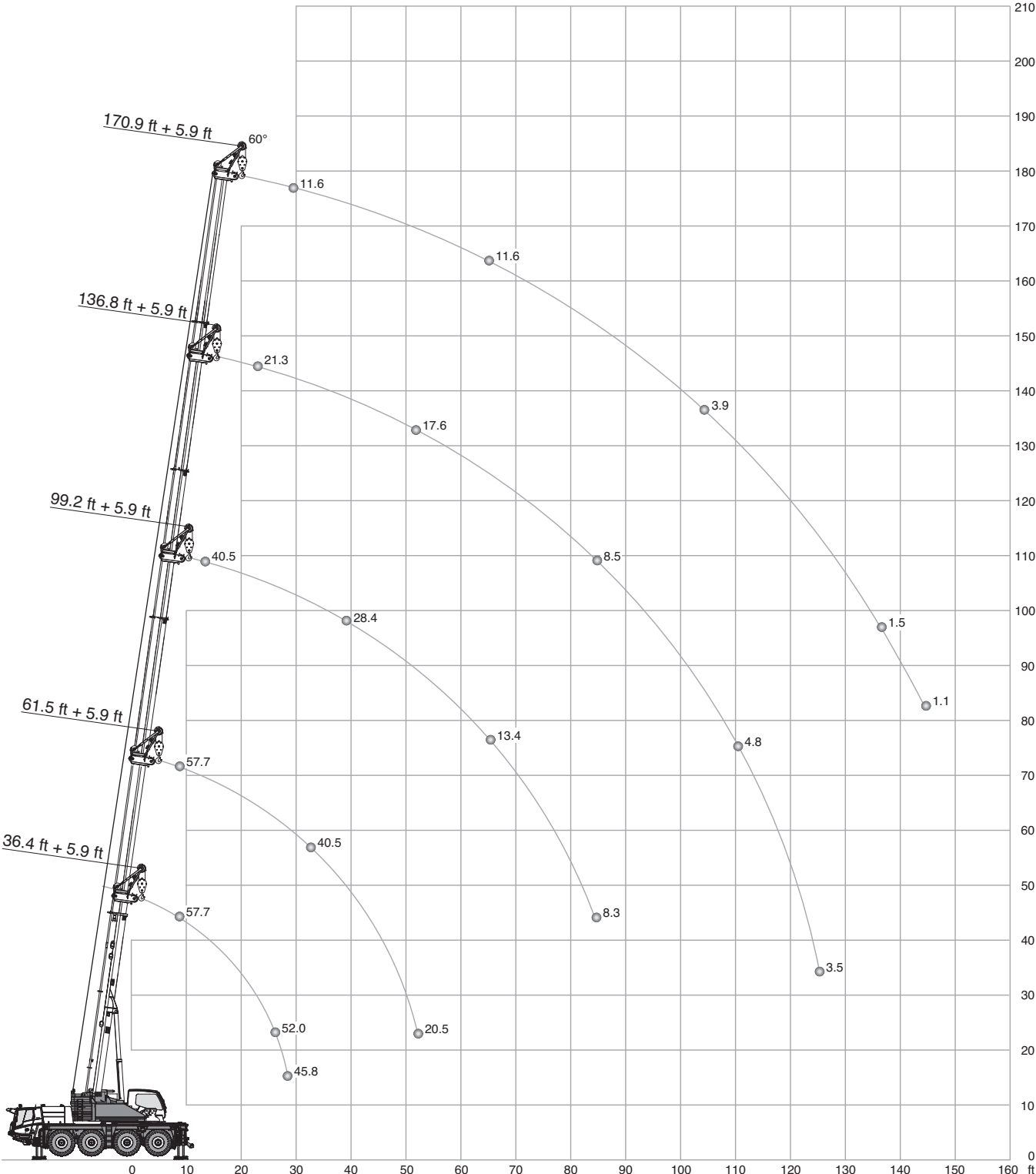
36,400 lbs			21.0 ft x 25.9 ft			52.5 ft			360°			ASME B30.5			
36.4 ft		99.2 ft			136.8 ft			161.1 ft			170.9 ft				
0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lbs															
ft														ft	
16.4	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4
19.7	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0
26.2	17.4	15.2	-	-	-	-	-	-	-	-	-	-	-	-	26.2
29.5	17.4	14.3	-	-	-	-	-	-	-	-	-	-	-	-	29.5
32.8	16.7	13.6	-	10.8	-	-	-	-	-	-	-	-	-	-	32.8
39.4	14.9	12.3	10.8	12.3	11.9	-	-	-	-	-	-	-	-	-	39.4
45.9	13.4	11.2	10.1	12.3	11.2	-	6.8	7.9	-	-	4.8	-	-	-	45.9
52.5	12.1	10.5	9.4	12.3	10.8	9.7	7.9	7.9	-	-	4.8	-	-	-	52.5
59.1	11.2	9.9	9.0	12.3	10.3	9.2	7.9	7.9	-	4.8	4.8	-	4.4	4.4	59.1
65.6	10.3	9.2	8.5	11.9	9.9	9.0	7.9	7.9	7.9	4.8	4.8	-	4.4	4.4	65.6
72.2	9.7	8.8	-	11.4	9.4	8.8	7.9	7.9	7.9	4.8	4.8	4.8	4.4	4.4	72.2
78.7	9.2	-	-	9.9	9.4	8.3	7.9	7.9	7.9	4.8	4.8	4.8	4.4	4.4	78.7
85.3	-	-	-	8.3	9.2	8.1	7.9	7.9	7.7	4.8	4.8	4.8	4.4	4.4	85.3
91.9	-	-	-	7.0	8.1	8.1	7.0	7.7	7.2	4.8	4.8	4.8	4.4	4.4	91.9
98.4	-	-	-	6.3	6.8	7.4	6.1	7.0	6.8	4.8	4.8	4.8	4.4	4.4	98.4
105.0	-	-	-	6.1	5.7	6.3	5.7	5.9	6.6	4.8	4.8	4.6	4.4	4.4	105.0
111.5	-	-	-	5.2	5.0	5.2	5.0	5.5	5.7	4.6	4.8	4.4	4.4	4.4	111.5
118.1	-	-	-	4.6	4.8	-	4.6	4.8	4.8	3.7	4.6	4.1	3.7	4.4	118.1
124.7	-	-	-	3.9	4.4	-	4.1	4.1	4.6	3.0	3.9	4.1	3.0	3.7	124.7
131.2	-	-	-	3.5	3.7	-	3.5	3.9	3.9	2.6	3.3	3.7	2.4	3.3	131.2
137.8	-	-	-	3.3	-	-	3.0	3.5	3.7	1.9	2.6	3.0	1.9	2.6	137.8
144.4	-	-	-	-	-	-	2.6	2.8	3.0	1.5	2.2	2.4	1.5	2.2	144.4
150.9	-	-	-	-	-	-	2.2	2.4	-	1.1	1.7	1.9	1.1	1.5	150.9
157.5	-	-	-	-	-	-	1.7	1.9	-	-	1.3	1.5	-	1.1	157.5
164.0	-	-	-	-	-	-	1.3	1.5	-	-	-	-	-	1.1	164.0
170.6	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	170.6

Operation

HAV

24,250 lbs		21.0 ft x 25.9 ft						52.5 ft			360°			ASME B30.5			
36.4 ft		99.2 ft			136.8 ft			161.1 ft			170.9 ft						
0°		20°		40°		0°		20°		40°		0°		20°		40°	
ft	1,000 lbs																ft
16.4	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4
19.7	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0
26.2	17.4	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2
29.5	17.4	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.5
32.8	16.7	13.6	-	10.8	-	-	-	-	-	-	-	-	-	-	-	-	32.8
39.4	14.9	12.3	10.8	12.3	11.9	-	-	-	-	-	-	-	-	-	-	-	39.4
45.9	13.4	11.2	10.1	12.3	11.2	-	6.8	7.9	-	-	-	-	-	-	-	-	45.9
52.5	12.1	10.5	9.4	12.3	10.8	9.7	7.9	7.9	-	-	4.8	-	-	-	-	-	52.5
59.1	11.2	9.9	9.0	12.3	10.3	9.2	7.9	7.9	-	4.8	4.8	-	4.4	4.4	-	-	59.1
65.6	10.3	9.2	8.5	10.8	9.9	9.0	7.9	7.9	7.9	4.8	4.8	-	4.4	4.4	-	-	65.6
72.2	9.7	8.8	-	8.8	9.4	8.8	7.9	7.9	7.9	4.8	4.8	4.8	4.4	4.4	4.4	-	72.2
78.7	9.2	-	-	7.9	8.5	8.3	6.8	7.9	7.9	4.8	4.8	4.8	4.4	4.4	4.4	-	78.7
85.3	-	-	-	7.0	7.0	7.9	6.1	7.0	7.7	4.8	4.8	4.8	4.4	4.4	4.4	-	85.3
91.9	-	-	-	6.1	5.9	6.6	5.5	6.1	6.8	4.8	4.8	4.8	4.4	4.4	4.4	-	91.9
98.4	-	-	-	5.7	5.5	5.5	5.2	5.5	5.7	4.1	4.8	4.8	3.9	4.4	4.4	-	98.4
105.0	-	-	-	5.0	5.2	4.8	4.4	4.8	5.2	3.3	4.4	4.6	3.3	4.1	4.4	-	105.0
111.5	-	-	-	4.6	4.6	4.8	3.7	4.4	4.4	2.6	3.5	4.1	2.6	3.5	4.1	-	111.5
118.1	-	-	-	4.1	3.9	-	3.0	3.7	4.1	1.9	2.8	3.5	1.9	2.8	3.5	-	118.1
124.7	-	-	-	3.7	3.7	-	2.4	3.0	3.5	1.5	2.2	2.8	1.3	2.2	2.6	-	124.7
131.2	-	-	-	3.0	3.3	-	1.9	2.4	2.8	1.1	1.7	2.2	-	1.5	2.2	-	131.2
137.8	-	-	-	2.6	-	-	1.5	1.9	2.2	-	1.1	1.5	-	1.1	1.5	-	137.8
144.4	-	-	-	-	-	-	1.1	1.5	1.7	-	-	1.1	-	-	1.1	-	144.4
150.9	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	-	150.9

7,500 lbs		21.0 ft x 25.9 ft						52.5 ft			360°			ASME B30.5			
36.4 ft		99.2 ft			136.8 ft			161.1 ft			170.9 ft						
0°		20°		40°		0°		20°		40°		0°		20°		40°	
ft	1,000 lbs																ft
16.4	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.4
19.7	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7
23.0	17.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0
26.2	17.4	15.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.2
29.5	17.4	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29.5
32.8	16.7	13.6	-	10.8	-	-	-	-	-	-	-	-	-	-	-	-	32.8
39.4	14.9	12.3	10.8	12.3	11.9	-	-	-	-	-	-	-	-	-	-	-	39.4
45.9	13.4	11.2	10.1	11.9	11.2	-	6.8	7.9	-	-	-	-	-	-	-	-	45.9
52.5	12.1	10.5	9.4	10.8	10.8	9.7	7.9	7.9	-	-	4.8	-	-	-	-	-	52.5
59.1	11.2	9.9	9.0	9.2	9.4	9.2	6.8	7.9	-	4.8	4.8	-	4.4	4.4	-	-	59.1
65.6	9.2	9.2	8.5	8.1	7.4	9.0	6.1	6.8	7.9	4.8	4.8	-	4.4	4.4	-	-	65.6
72.2	7.9	8.3	-	7.0	7.0	7.2	5.5	6.1	6.8	4.1	4.8	4.8	3.9	4.4	4.4	-	72.2
78.7	6.6	-	-	5.9	6.3	5.7	4.6	5.5	5.9	3.3	4.6	4.8	3.0	4.4	4.4	-	78.7
85.3	-	-	-	5.0	5.2	5.5	3.7	4.8	5.2	2.4	3.5	4.6	2.2	3.5	4.4	-	85.3
91.9	-	-	-	4.1	4.8	4.8	2.8	3.9	4.6	1.7	2.8	3.7	1.5	2.6	3.5	-	91.9
98.4	-	-	-	3.3	3.9	4.4	2.2	3.0	3.7	1.1	1.9	2.8	-	1.9	2.8	-	98.4
105.0	-	-	-	2.8	3.3	3.7	1.5	2.4	3.0	-	1.5	2.2	-	1.3	1.9	-	105.0
111.5	-	-	-	2.2	2.6	3.0	1.1	1.7	2.2	-	-	1.5	-	-	1.5	-	111.5
118.1	-	-	-	1.7	2.2	-	-	1.3	1.7	-	-	-	-	-	-	-	118.1
124.7	-	-	-	1.3	1.5	-	-	-	1.1	-	-	-	-	-	-	-	124.7
131.2	-	-	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	131.2



Operation

MS

36,400 lbs		21.0 ft x 25.9 ft						5.9 ft			360°			ASME B30.5			
36.4 ft		61.5 ft			99.2 ft			136.8 ft			170.9 ft						
20°		40°		60°		20°		40°		60°		20°		40°		60°	
ft	1,000 lbs															ft	
8.2	-	-	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	8.2
9.8	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	9.8
11.5	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	11.5
13.1	-	57.7	57.7	-	-	57.7	-	-	40.5	-	-	-	-	-	-	-	13.1
14.8	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	14.8
16.4	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	16.4
19.7	57.7	57.7	55.5	-	57.7	57.7	-	-	45.6	-	-	-	-	-	-	-	19.7
23.0	57.7	57.7	53.5	-	57.7	56.6	-	-	44.3	-	-	21.3	-	-	-	-	23.0
26.2	51.8	52.0	52.0	-	51.8	51.8	-	-	40.1	-	-	21.3	-	-	-	-	26.2
29.5	45.4	45.8	45.8	-	45.4	45.8	-	-	36.5	-	-	21.3	-	-	11.6	-	29.5
32.8	35.4	37.9	38.8	-	40.3	40.5	-	34.3	33.5	-	-	21.3	-	-	11.6	-	32.8
39.4	-	-	-	31.9	31.9	32.1	-	31.0	28.4	-	-	21.3	-	-	11.6	-	39.4
45.9	-	-	-	25.3	25.7	25.7	-	25.3	25.7	-	-	19.6	-	-	11.6	-	45.9
52.5	-	-	-	20.5	20.5	20.5	-	20.0	20.2	-	17.8	17.6	-	-	11.6	-	52.5
59.1	-	-	-	-	15.8	15.8	-	16.3	16.5	-	15.6	15.8	-	-	11.6	-	59.1
65.6	-	-	-	-	-	-	13.4	13.4	13.4	-	12.7	13.0	-	-	11.6	-	65.6
72.2	-	-	-	-	-	-	11.2	11.2	11.4	-	11.6	11.4	-	11.0	11.0	-	72.2
78.7	-	-	-	-	-	-	9.2	9.4	9.4	-	9.7	9.9	-	9.4	9.7	-	78.7
85.3	-	-	-	-	-	-	8.3	8.3	8.3	-	8.5	8.5	-	7.9	8.1	-	85.3
91.9	-	-	-	-	-	-	7.9	7.7	7.7	7.4	7.7	7.7	-	6.6	6.8	-	91.9
98.4	-	-	-	-	-	-	-	-	-	6.3	6.6	6.6	-	5.5	5.7	-	98.4
105.0	-	-	-	-	-	-	-	-	-	5.5	5.5	5.7	-	4.6	4.6	-	105.0
111.5	-	-	-	-	-	-	-	-	-	4.6	4.8	4.8	-	3.7	3.9	-	111.5
118.1	-	-	-	-	-	-	-	-	-	3.9	3.9	4.1	3.0	3.0	3.0	-	118.1
124.7	-	-	-	-	-	-	-	-	-	3.3	3.5	3.5	2.4	2.4	2.6	-	124.7
131.2	-	-	-	-	-	-	-	-	-	2.8	2.8	2.8	1.7	1.9	1.9	-	131.2
137.8	-	-	-	-	-	-	-	-	-	-	-	-	1.3	1.3	1.5	-	137.8
144.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	144.4

Operation

MS

26,900 lbs		21.0 ft x 25.9 ft						5.9 ft			360°			ASME B30.5				
		36.4 ft			61.5 ft			99.2 ft			136.8 ft			170.9 ft				
		20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°		
ft		1,000 lbs															ft	
8.2	-	-	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	8.2	
9.8	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	9.8	
11.5	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	11.5	
13.1	-	57.7	57.7	-	-	57.7	-	-	40.5	-	-	-	-	-	-	-	13.1	
14.8	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	14.8	
16.4	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	16.4	
19.7	57.7	57.7	55.5	-	57.7	57.7	-	-	45.6	-	-	-	-	-	-	-	19.7	
23.0	56.8	57.5	53.5	-	57.0	56.6	-	-	44.3	-	-	21.3	-	-	-	-	23.0	
26.2	49.3	49.8	50.0	-	49.3	49.8	-	-	40.1	-	-	21.3	-	-	-	-	26.2	
29.5	43.2	43.6	43.6	-	43.2	43.6	-	-	36.5	-	-	21.3	-	-	11.6	-	29.5	
32.8	35.4	37.6	37.9	-	37.4	37.9	-	34.3	32.6	-	-	21.3	-	-	11.6	-	32.8	
39.4	-	-	-	27.7	28.2	28.4	-	26.8	27.1	-	-	21.3	-	-	11.6	-	39.4	
45.9	-	-	-	22.2	21.6	21.6	-	21.1	21.3	-	-	18.9	-	-	11.6	-	45.9	
52.5	-	-	-	17.6	17.8	17.8	-	16.7	16.7	-	15.8	15.6	-	-	11.6	-	52.5	
59.1	-	-	-	-	13.6	13.6	-	13.4	13.6	-	13.6	13.8	-	-	11.6	-	59.1	
65.6	-	-	-	-	-	-	10.8	11.0	11.0	-	11.4	11.4	-	-	10.8	-	65.6	
72.2	-	-	-	-	-	-	9.9	9.7	9.7	-	9.9	10.1	-	8.8	9.0	-	72.2	
78.7	-	-	-	-	-	-	9.0	9.0	9.0	-	8.3	8.3	-	7.2	7.4	-	78.7	
85.3	-	-	-	-	-	-	7.7	7.9	7.9	-	7.0	7.0	-	5.9	6.1	-	85.3	
91.9	-	-	-	-	-	-	6.6	6.8	6.8	5.7	5.7	5.9	-	4.8	5.0	-	91.9	
98.4	-	-	-	-	-	-	-	-	-	4.8	4.8	4.8	-	3.9	3.9	-	98.4	
105.0	-	-	-	-	-	-	-	-	-	3.9	3.9	3.9	-	3.0	3.0	-	105.0	
111.5	-	-	-	-	-	-	-	-	-	3.3	3.3	3.3	-	2.4	2.4	-	111.5	
118.1	-	-	-	-	-	-	-	-	-	2.6	2.6	2.6	-	1.7	1.7	-	118.1	
124.7	-	-	-	-	-	-	-	-	-	1.9	2.2	2.2	-	1.1	1.3	-	124.7	
131.2	-	-	-	-	-	-	-	-	-	1.5	1.5	1.5	-	-	-	-	131.2	

24,250 lbs		21.0 ft x 25.9 ft						5.9 ft			360°			ASME B30.5				
		36.4 ft			61.5 ft			99.2 ft			136.8 ft			170.9 ft				
		20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°		
ft		1,000 lbs															ft	
8.2	-	-	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	8.2	
9.8	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	9.8	
11.5	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	11.5	
13.1	-	57.7	57.7	-	-	57.7	-	-	40.5	-	-	-	-	-	-	-	13.1	
14.8	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	14.8	
16.4	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	16.4	
19.7	57.7	57.7	55.5	-	57.7	57.7	-	-	45.6	-	-	-	-	-	-	-	19.7	
23.0	56.2	56.6	53.5	-	56.4	56.6	-	-	44.3	-	-	21.3	-	-	-	-	23.0	
26.2	48.7	49.1	49.3	-	48.7	49.1	-	-	40.1	-	-	21.3	-	-	-	-	26.2	
29.5	42.5	42.9	43.2	-	42.1	42.7	-	-	35.9	-	-	21.3	-	-	11.6	-	29.5	
32.8	35.4	36.1	36.1	-	35.9	36.1	-	32.8	31.3	-	-	21.3	-	-	11.6	-	32.8	
39.4	-	-	-	26.4	26.8	27.1	-	25.5	25.7	-	-	21.3	-	-	11.6	-	39.4	
45.9	-	-	-	21.1	21.3	20.9	-	20.0	20.2	-	-	17.8	-	-	11.6	-	45.9	
52.5	-	-	-	16.7	16.7	16.9	-	15.8	16.0	-	15.6	15.6	-	-	11.6	-	52.5	
59.1	-	-	-	-	12.7	12.7	-	12.5	12.7	-	12.7	13.0	-	-	11.6	-	59.1	
65.6	-	-	-	-	-	-	10.8	10.8	10.5	-	11.2	11.2	-	-	9.9	-	65.6	
72.2	-	-	-	-	-	-	9.9	9.7	9.7	-	9.2	9.4	-	8.1	8.3	-	72.2	
78.7	-	-	-	-	-	-	8.5	8.5	8.5	-	7.7	7.9	-	6.8	6.8	-	78.7	
85.3	-	-	-	-	-	-	7.2	7.2	7.2	-	6.3	6.6	-	5.5	5.5	-	85.3	
91.9	-	-	-	-	-	-	6.1	6.1	6.1	5.2	5.2	5.2	-	4.4	4.4	-	91.9	
98.4	-	-	-	-	-	-	-	-	-	4.1	4.4	4.4	-	3.5	3.5	-	98.4	
105.0	-	-	-	-	-	-	-	-	-	3.5	3.5	3.7	-	2.6	2.6	-	105.0	
111.5	-	-	-	-	-	-	-	-	-	2.8	2.8	2.8	-	1.9	1.9	-	111.5	
118.1	-	-	-	-	-	-	-	-	-	2.2	2.2	2.4	-	1.3	1.3	-	118.1	
124.7	-	-	-	-	-	-	-	-	-	1.7	1.7	1.7	-	-	-	-	124.7	
131.2	-	-	-	-	-	-	-	-	-	1.3	1.3	1.3	-	-	-	-	131.2	

Operation

MS

7,500 lbs		21.0 ft x 25.9 ft						5.9 ft			360°			ASME B30.5				
		36.4 ft			61.5 ft			99.2 ft			136.8 ft			170.9 ft				
		20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°	20°	40°	60°		
ft		1,000 lbs															ft	
8.2	-	-	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	-	8.2
9.8	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	-	9.8
11.5	-	57.7	57.7	-	-	57.7	-	-	-	-	-	-	-	-	-	-	-	11.5
13.1	-	57.7	57.7	-	-	57.7	-	-	40.5	-	-	-	-	-	-	-	-	13.1
14.8	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	-	14.8
16.4	-	57.7	57.7	-	-	57.7	-	-	45.6	-	-	-	-	-	-	-	-	16.4
19.7	57.7	57.7	55.5	-	54.4	55.3	-	-	43.6	-	-	-	-	-	-	-	-	19.7
23.0	49.6	50.2	50.9	-	44.5	45.1	-	-	37.0	-	-	21.3	-	-	-	-	-	23.0
26.2	37.4	37.9	38.3	-	36.3	36.8	-	-	31.3	-	-	21.3	-	-	-	-	-	26.2
29.5	29.5	29.9	30.2	-	30.2	30.8	-	-	26.6	-	-	21.3	-	-	-	-	-	29.5
32.8	24.0	24.2	24.4	-	26.4	25.5	-	22.4	22.7	-	-	18.9	-	-	-	11.6	-	32.8
39.4	-	-	-	18.2	18.7	18.9	-	17.1	17.1	-	-	16.0	-	-	-	11.6	-	39.4
45.9	-	-	-	13.6	13.8	14.1	-	14.7	14.3	-	-	13.2	-	-	-	10.8	-	45.9
52.5	-	-	-	10.3	10.5	10.5	-	11.6	11.9	-	10.3	10.5	-	-	-	8.5	-	52.5
59.1	-	-	-	-	7.2	7.2	-	9.2	9.4	-	8.3	8.3	-	-	-	6.6	-	59.1
65.6	-	-	-	-	-	-	7.2	7.4	7.4	-	6.6	6.6	-	-	-	5.2	-	65.6
72.2	-	-	-	-	-	-	5.7	5.9	5.9	-	5.0	5.0	-	3.7	3.9	-	-	72.2
78.7	-	-	-	-	-	-	4.6	4.8	4.8	-	3.9	3.9	-	2.8	2.8	-	-	78.7
85.3	-	-	-	-	-	-	3.7	3.7	3.7	-	2.8	3.0	-	1.9	1.9	-	-	85.3
91.9	-	-	-	-	-	-	2.8	3.0	3.0	-	1.9	2.2	-	1.1	1.3	-	-	91.9
98.4	-	-	-	-	-	-	-	-	-	-	1.3	1.5	-	-	-	-	-	98.4

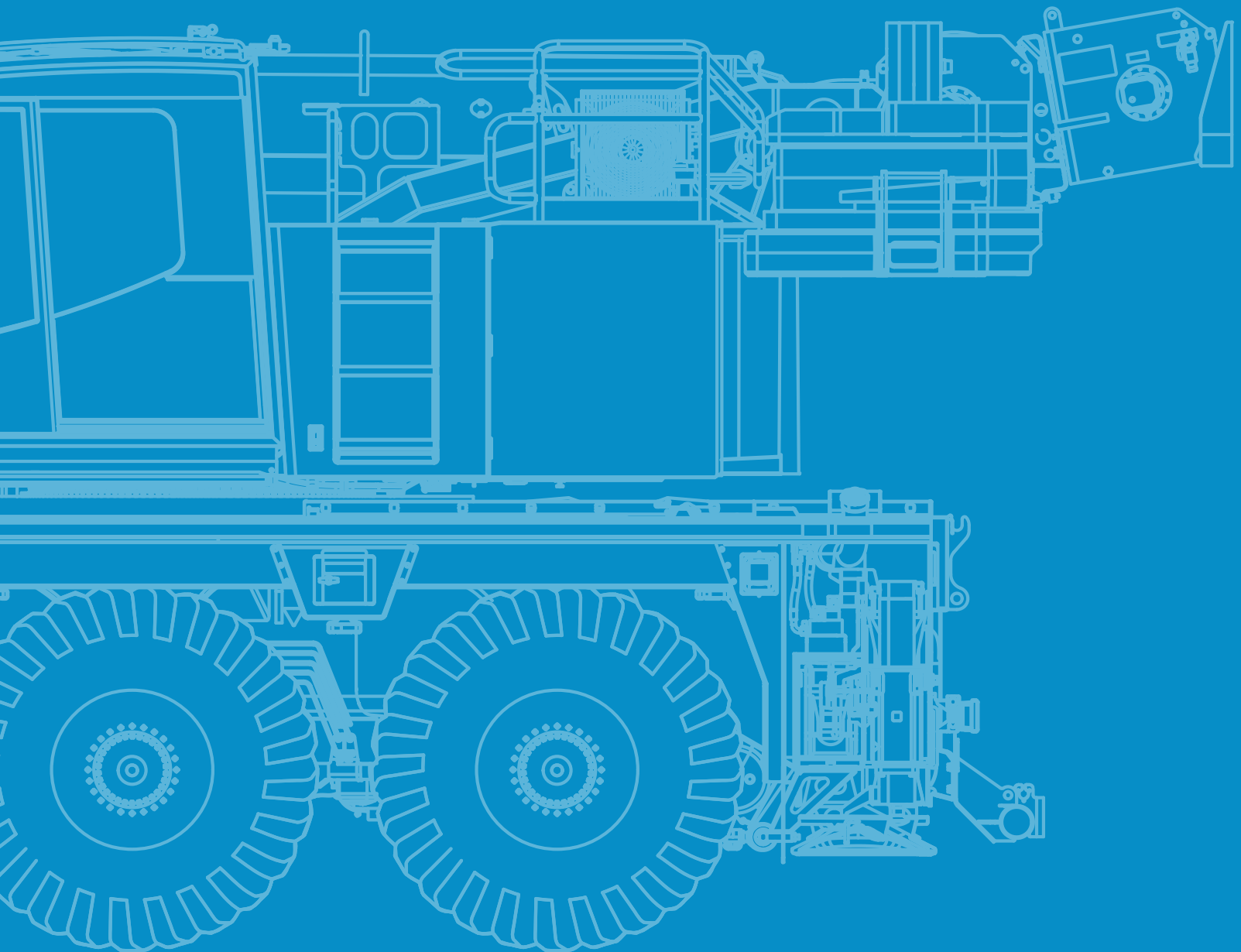
Notes to Lifting Capacity

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

Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings.
Consult operation manual for further details.

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

TECHNICAL DESCRIPTION



Technical Description

Basic machine

Equipment carrier

Engine 340-5	Mercedes-Benz OM471LA; Diesel engine; Output 340 kW / 1600 1/min (462 HP), torque 2200 Nm / 1300 1/min; The engine complies with EU Stage V/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	160 gallons Diesel (no RME / biodiesel); 11 gallons Ad-Blue tank.
Transmission ZF TraXon	Automated gearbox with 12 forward speeds and 2 reverse; 2-stage transfer case with switchable longitudinal lock.
Axles 8 x 6 x 8	All 4 axles steered, axles 2-4 driven and equipped with selectable transverse lock.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
Steering	Dual circuit hydro servocom steering with emergency steering pump; Active rear axle steering.
Brakes	Pneumatic dual circuit service brake with antilock system, acting on all wheels; Disc brakes; Additional, double-speed decompression brake; Spring-loaded parking brake.
Tires	Tires size 385/95 R25 (14.00R25); Steel rim 9,5-25/1,7"
Cab 2490	Type 8.2 ft; Adjustable driver seat, armrests and pneumatic suspension; Height and tilt-adjustable steering wheel; Auxiliary/passenger seat; Powered door windows; Tinted glass; Radio; Seat heating; Heating engine-dependent; Aircondition.
Rear view camera	Display in carrier cab; Cameras installed on rear of vehicle.
Drive lights	Including low beam, upper beam, daytime running lights, fog lights and cornering lights.
Central lubrication	Automatic central lubrication system for the lubricating points at the carrier.
Outriggers	H-4-Point design; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 4 outrigger bases: 7.9 ft, 14.4 ft, 17.7 ft and 21.0 ft. 4 square outrigger pads with transport position at vertical cylinder.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
Outrigger load indicator	The outrigger load is indicated in the operator cab and the outrigger control box.
Electronic immobiliser system	Prevents uncontrolled carrier mobilisation; Incl. 4 ignition keys.
Pneumatic tire filling plug	For self-filling of the wheels.

Equipment superstructure

Engine 129-5	Mercedes-Benz OM934LA; Diesel engine; Output 129 kW / 2200 1/min (175 HP), torque 750 Nm / 1200-1600 1/min; The engine complies with EU Stage V/Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Telescopic boom HA52	36.4 ft – 170.9 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 6 sheaves integrated in boom head for max. capacity of 137,800 lbs.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	Single slewing gear unit with spring-loaded multi-disc brake.
H1	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator).
Counterweight 24,250 lbs	9 pieces (①, 2 x ②, ③, ⑤, 2 x ⑥, ⑦, ⑧).
Control system	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
Operator aids	AML-F, 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.
SmartChart	Smart crane control system for main boom and rooster sheave operation enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Visualization of full working area in operator cabin. In-cab lift simulation.
Working range limiter	Displaying and programmability of the work range limits by AML-F.
Lift adjuster	Safety device which prevents the load from swinging out when the load is picked up and the released hook block from swinging when the load is set down; Activated by switch in operator cabin.
Cab 872	Type 2.86 ft; 12° tiltable seat incl. control panel; Fold-out front window; Extendable side pedestal, front pedestal; Handrails; Tinted safety glass; Pull-down sun visor; Radio; Seat heating; Heating engine-dependent and engine-independent; Aircondition.
Central lubrication	Automatic central lubrication system for the lubricating points at the superstructure.

Technical Description

Additional equipment

Carrier

Axles 8 x 8 x 8	All 4 axles steered, all axles driven and equipped with selectable transverse lock.
Wear-free auxiliary brake	Wear-free auxiliary eddy-current brake.
Tires	8 tires; Tire size 445/95R25 (16.00R25) or 525/80 (20.5R25).
TailGUARD	Reversing assistant for a safe reversing with optical and acoustical warnings and automatic brake system.

Superstructure

Telescopic boom HA44	36.1 ft - 144.4 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 6 sheaves integrated in boom head for max. capacity of 137,800 lbs.
2. hoist (H2)	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Quick couplings; Incl. hoist monitoring.
Additional counterweight 12,100 lbs	2 pieces (③+④); for total 36,400 lbs, 11 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.
Heavy-lift attachment	2 additional sheaves; Dis-/connectable; For total 7 sheaves at boom head; Max. capacity 154,300 lbs.

Handling

Remote control	Control of superstructure movements via wireless remote control.
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Extensions

HAV 52.5 ft	Double folding swing-away jib, manual offset 20°/40°; 1-sheave head; Incl. transport storage.
HAV-HY	Hydraulic, stepless offset 0°-40°, instead of the manual offset; Available for HAV.
MS (runner)	5.9 ft; Variable assembly jib with manual offset; 3-sheaves, for max. 57,700 lbs lifting capacity.

Hook Blocks

Hook block 176,400 lbs, 9-sheaves	Max. capacity 154,350 lbs; 1,870 lbs; Double hook, red with white signal stripes.
Hook block 138,900 lbs 7-sheaves	Max. capacity 140,900 lbs; 1,430 lbs; Double hook, red with white signal stripes.
Hook block 110,200 lbs, 5-sheaves	Max. capacity 104,500 lbs; 1,050 lbs; Double hook, red with white signal stripes.
Hook block 70,500 lbs, 3-sheaves	Max. capacity 67,250 lbs; 660 lbs; Double hook, red with white signal stripes.
Hook block 70,500 lbs, 3-sheaves	Max. capacity 67,250 lbs; 660 lbs; Single hook, red with white signal stripes.
Hook block 35,300 lbs 1-sheave	Max. capacity 29,100 lbs; 420 lbs; Single hook, red with white signal stripes.
Hook 13,200 lbs	Max. capacity 9,900 lbs; 390 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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Reaching new heights

