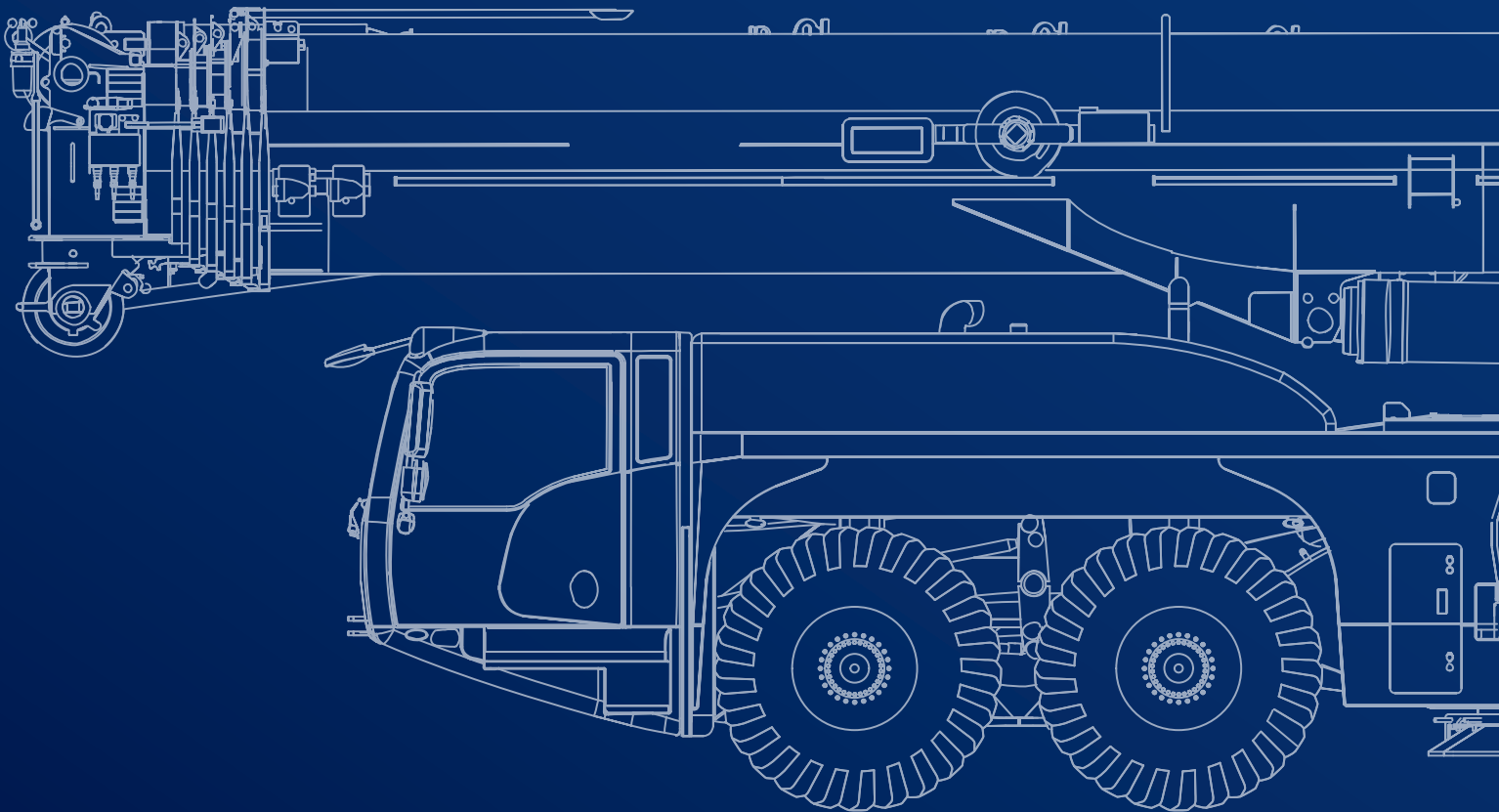


AC 6.300-1

350 US TON MAX. CRANE CAPACITY



- Suitable for alternative fuels





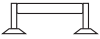
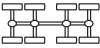
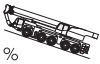
December 2024. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings 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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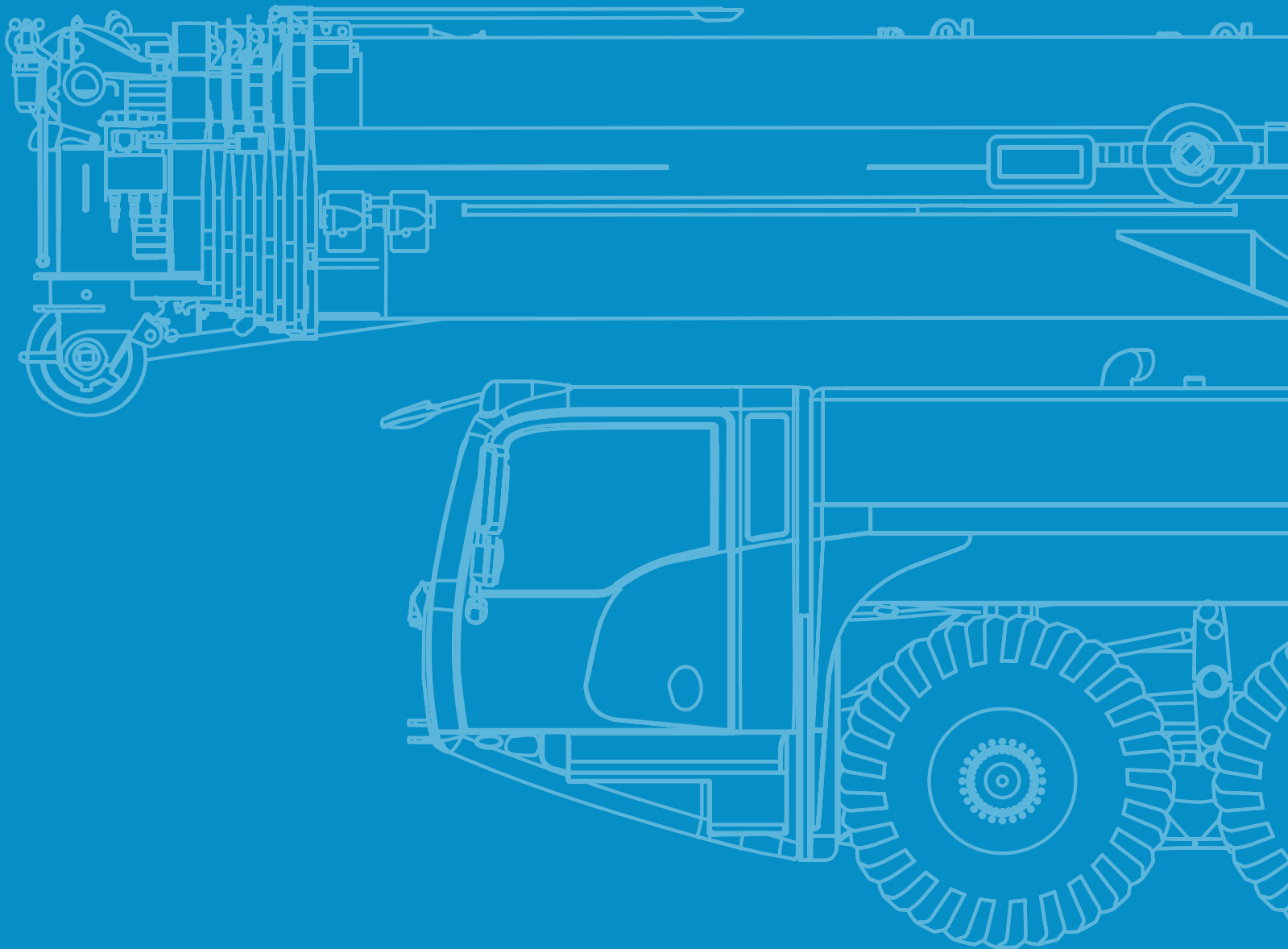
Contents

General	5
Vehicle dimensions	6
Boom combinations	7-8
On-road and off-road driving	9
Axle loads	10
Speeds and gradeability	10
Steering.....	10
Transportation	11
Counterweight	12-15
Configurations	12, 14
Jib	16-19
Operation	21
Main boom	23
Slewing	23
Hoist.....	23
Outrigger cylinders	23
Hook Blocks	23
HA: Main boom	24-29
HAV: Folding swing-away jib	30-33
LF: Light fixed jib.....	34-37
F: Fixed jib	38-42
SF: Strong fixed jib	43-45
LWIHI: Light luffing fly jib.....	46-48
WIHI: Luffing fly jib.....	49-51
SWIHI: Strong luffing fly jib	52-55
MS: Runner	56-61
Notes to Lifting Capacity.....	62
Technical Description	63
Basic machine	64
Additional equipment.....	65

Key

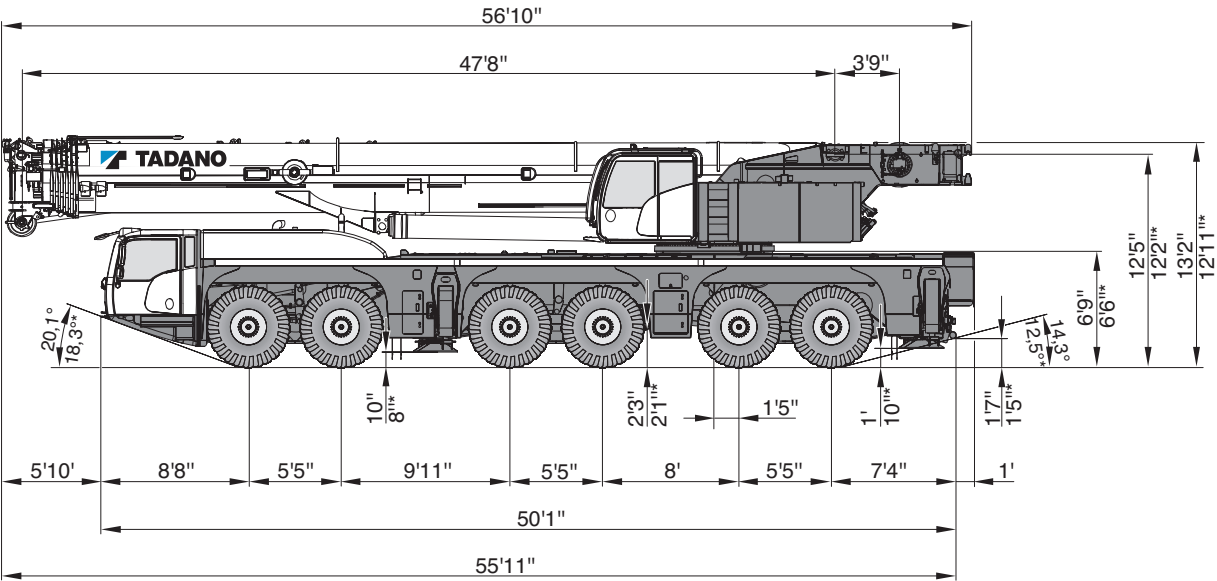
	Counterweight		Working speeds
	Lifting capacities on outriggers - 360°		Slewing
	Radius		Max. line pull
	Main boom		Rope diameter
	Folding swing-away jib		Rope length
	Runner		Hook block
	Max. axle loads		Number of lines
	Mechanism		Possible load of hook block
	Tires		Weight of hook block
	Hook block		Distance head sheave axle – hook ground
	Hoist		Number of sheaves in hook block
	Travel speed		Max. outrigger load
	Gradeability		Length of stroke (support cylinders)
	Boom telescoping		Additional parts for hydraulic system
	Boom elevation		Payload incl. rear storage box
	Dolly		

GENERAL TECHNICAL DATA

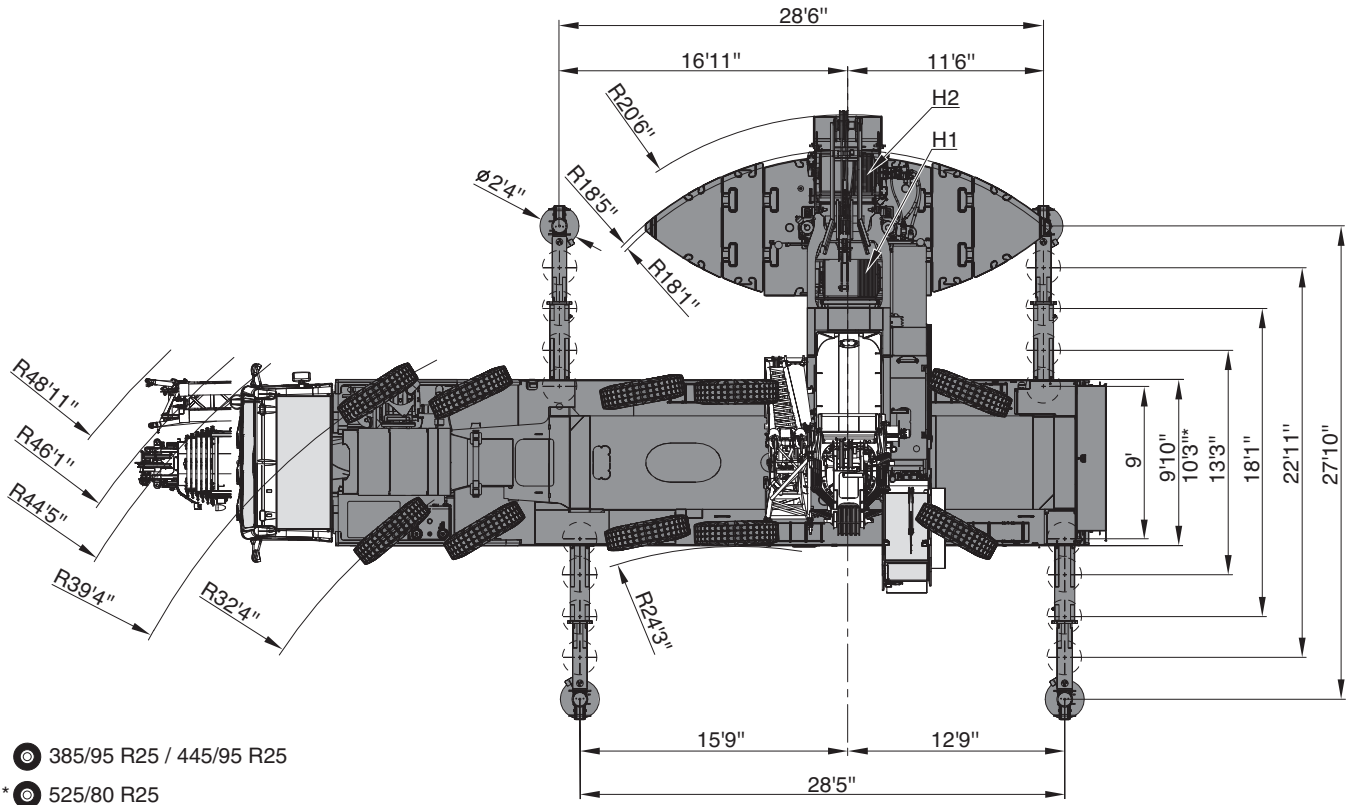


General

Vehicle dimensions



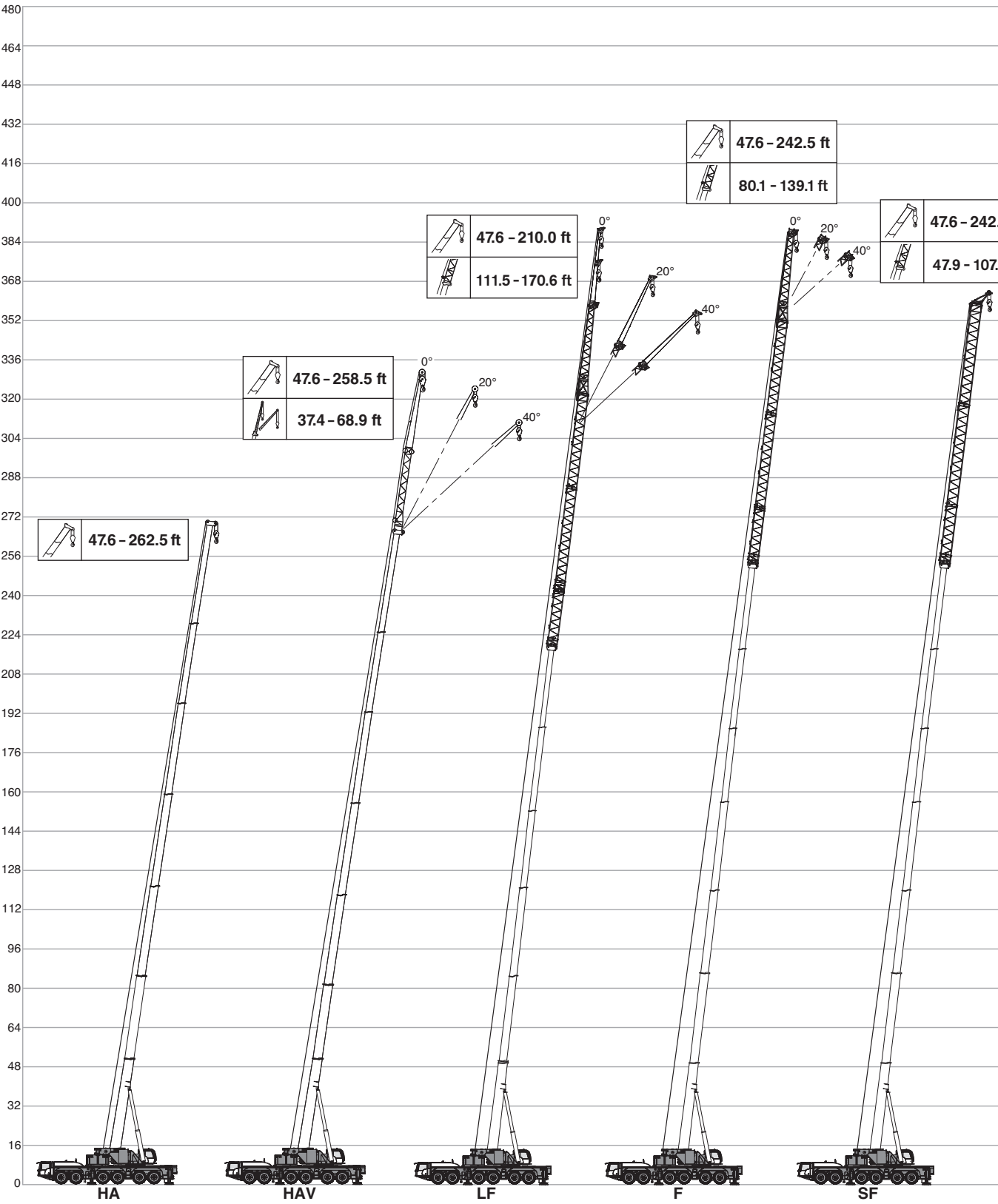
- ⊙ 445/95 R25 / 525/80 R25
- * ⊙ 385/95 R25



- ⊙ 385/95 R25 / 445/95 R25
- * ⊙ 525/80 R25

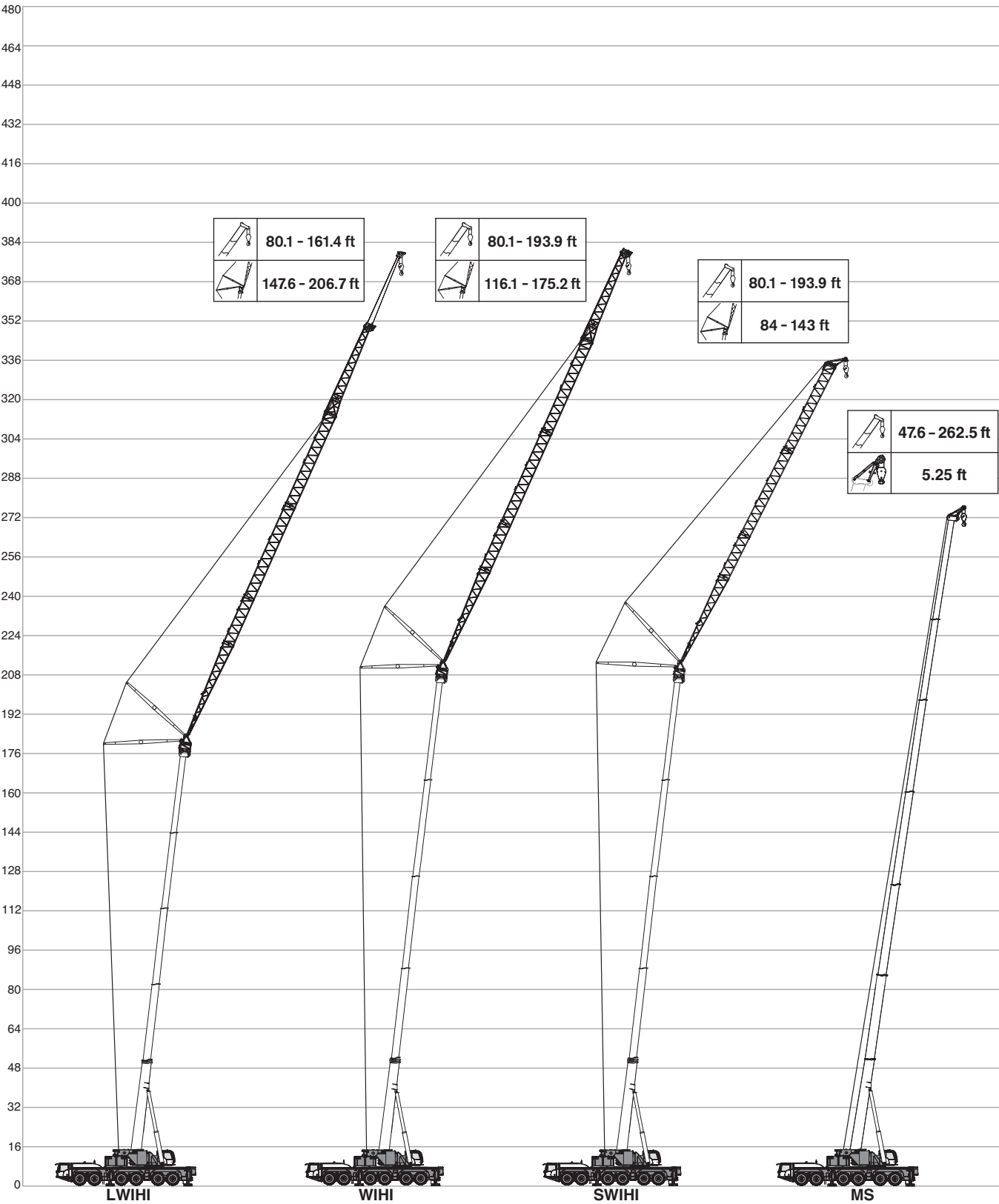
General

Boom combinations

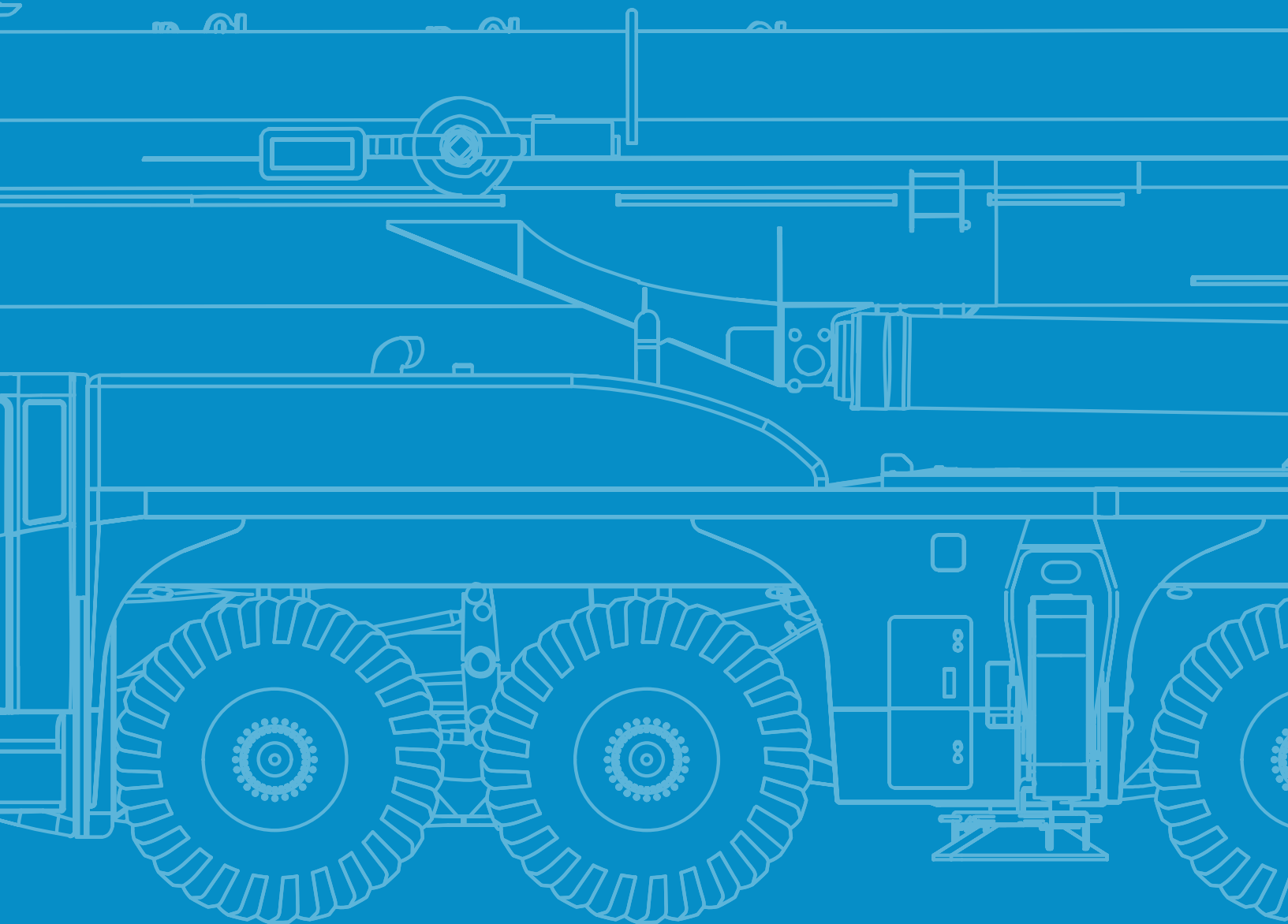


General

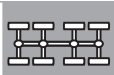
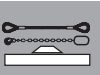
Boom combinations



TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING



On-road and off-road driving

Axle loads										
	Total									
< 20,000 lbs	On request!									X
< 26,500 lbs	< 158,800 lbs	12 x 6 x 10	385/95R25	262.5 ft	88,200 lbs	—	—	—	1,320 lbs	—
< 26,500 lbs	< 158,800 lbs	12 x 8 x 12	385/95R25	262.5 ft	88,200 lbs*	—	—	—	—	—
< 26,500 lbs	< 158,800 lbs	12 x 8 x 12	445/95R25	262.5 ft	—	—	—	X	—	—
< 35,300 lbs	< 209,500 lbs	12 x 8 x 12	445/95R25	262.5 ft	176,400 lbs	42,300 lbs	68.9 ft	X	1,760 lbs	—

* Vario

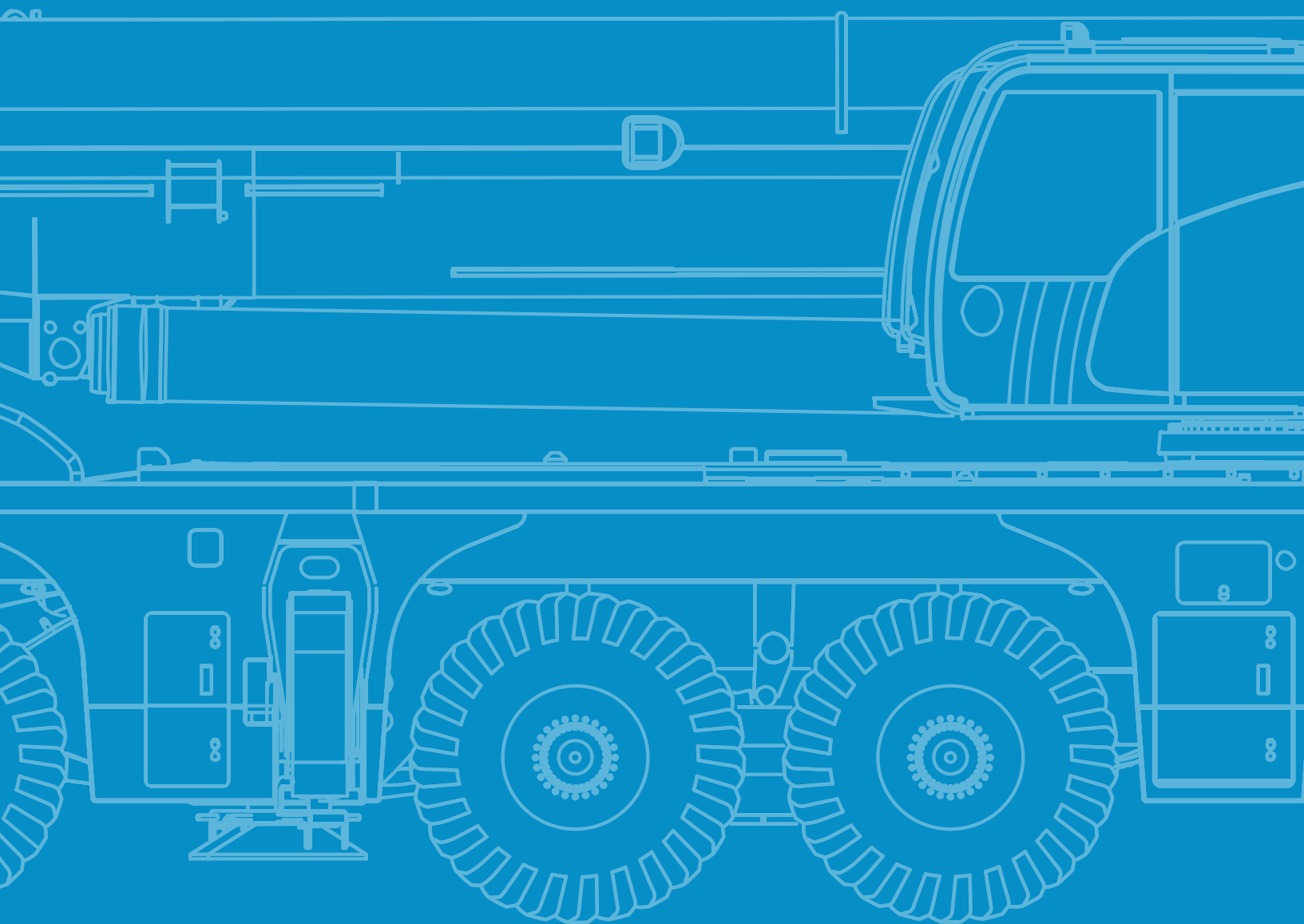
Speeds and gradeability			
	385/95 R 25 14.00 R 25	445/95 R 25 16.00 R 25	525/80 R 25 20.50 R 25
	56 %	50 %	50 %
	52.8 mph ¹⁾		

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

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

* must be activated

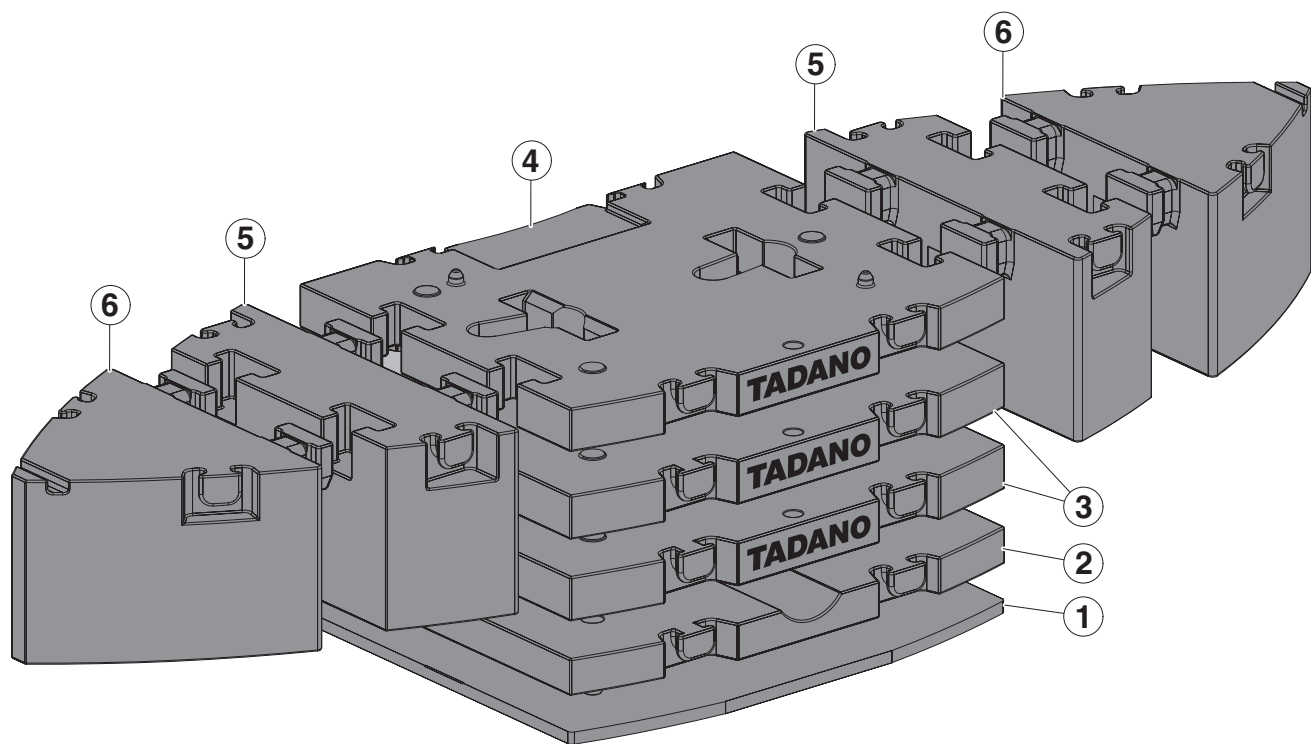
TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight

STANDARD

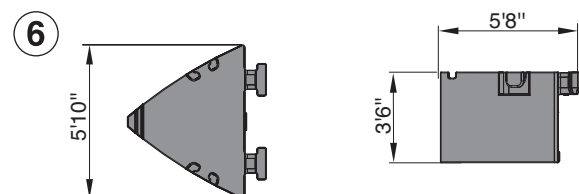
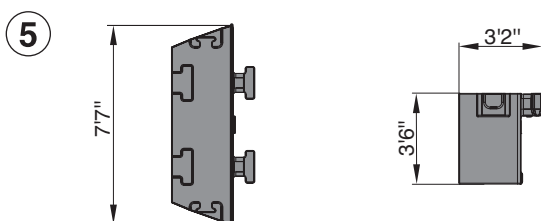
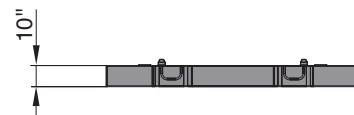
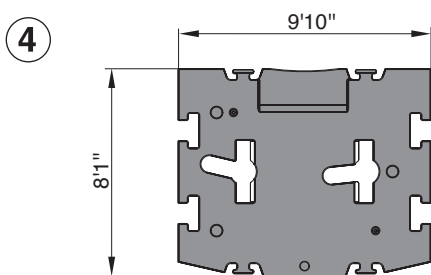
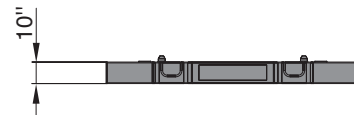
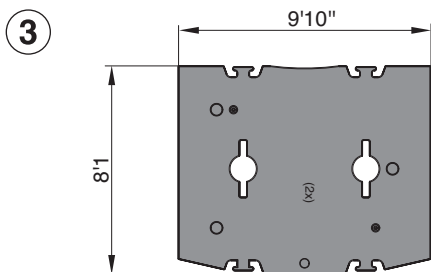
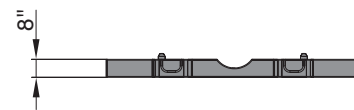
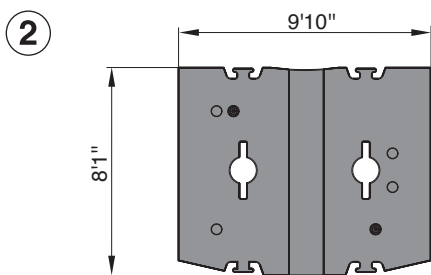
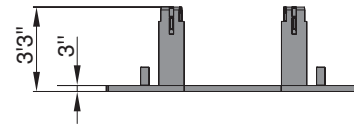
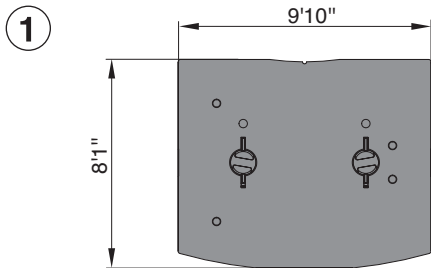


Configurations

	10,800 lbs	32,000 lbs	58,900 lbs	85,800 lbs	109,800 lbs	158,300 lbs	158,300 lbs	206,800 lbs
① 10,800 lbs	1	1	1	1	1	1	1	1
② 21,200 lbs		1	1	1	1	1	1	1
③ 26,900 lbs			1	2	2	2	2	2
④ 24,000 lbs					1	1	1	1
⑤ 24,300 lbs						2		2
⑥ 24,300 lbs							2	2

Transportation

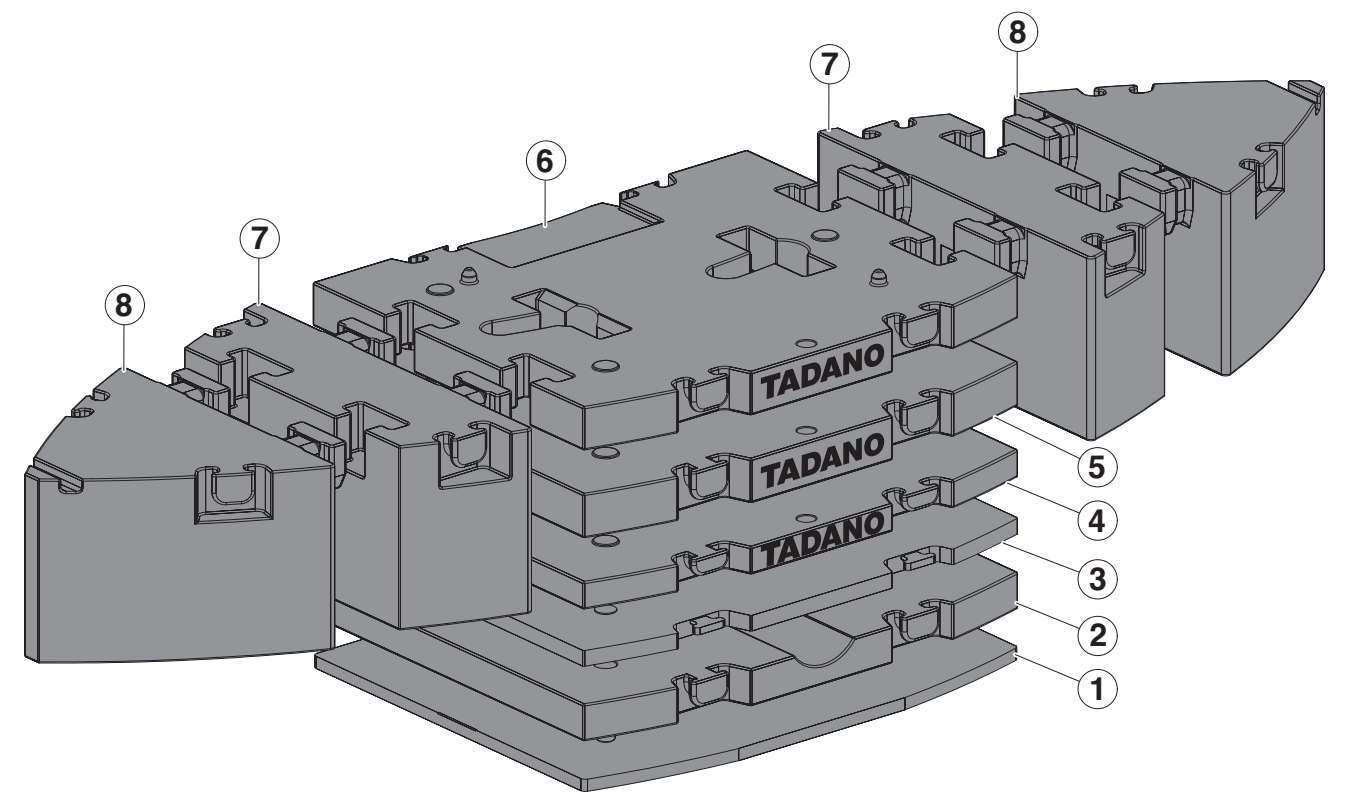
Counterweight



Transportation

Counterweight

SPECIAL



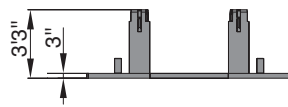
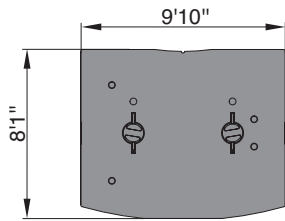
Configurations

	10,800 lbs	32,000 lbs	42,300 lbs	58,900 lbs	85,800 lbs	109,800 lbs	158,300 lbs	158,300 lbs	206,800 lbs
① 10,800 lbs	1	1	1	1	1	1	1	1	1
② 21,200 lbs		1	1	1	1	1	1	1	1
③ 10,400 lbs			1	1	1	1	1	1	1
④ 16,500 lbs				1	1	1	1	1	1
⑤ 26,900 lbs					1	1	1	1	1
⑥ 24,000 lbs						1	1	1	1
⑦ 24,300 lbs							2		2
⑧ 24,300 lbs								2	2

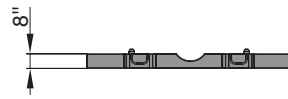
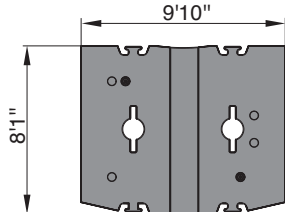
Transportation

Counterweight

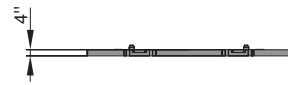
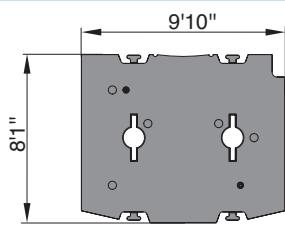
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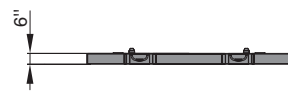
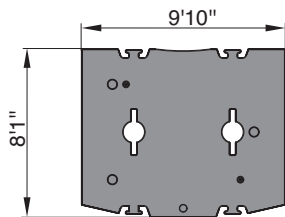
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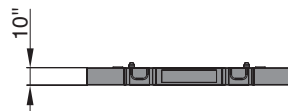
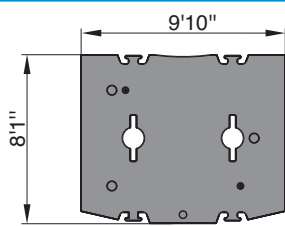
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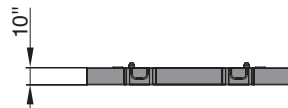
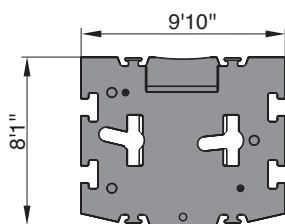
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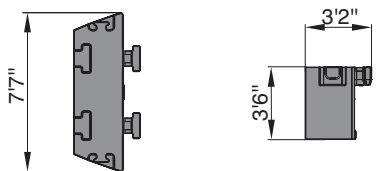
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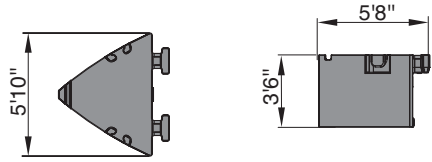
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7



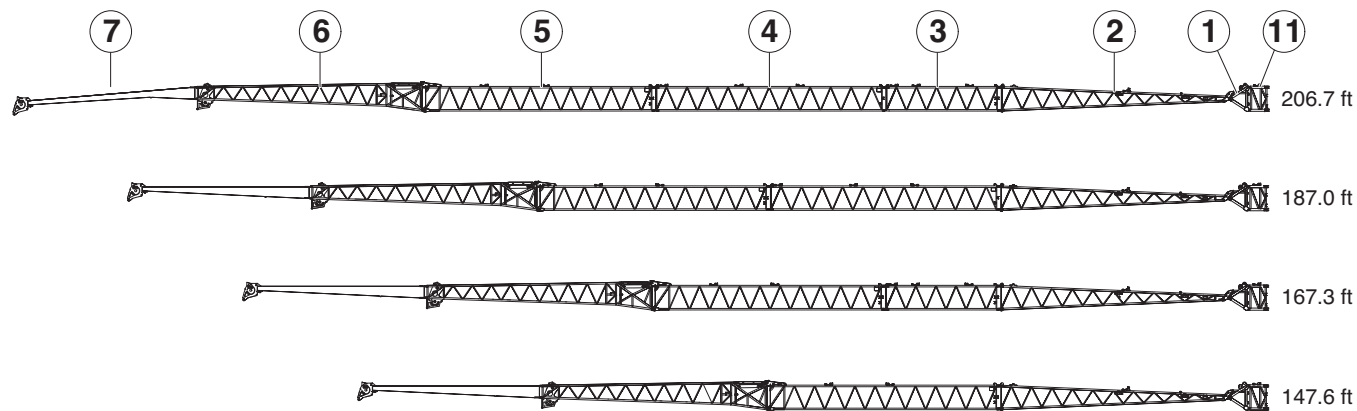
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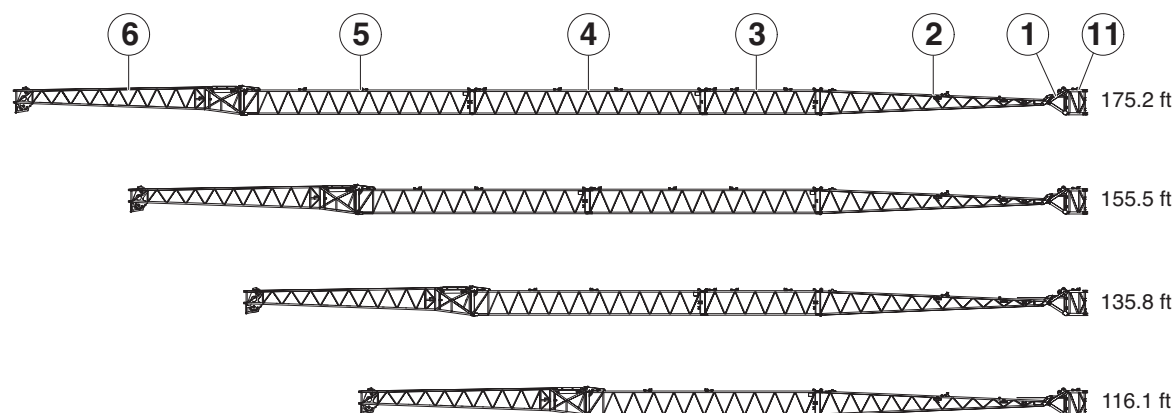
Transportation

Jib

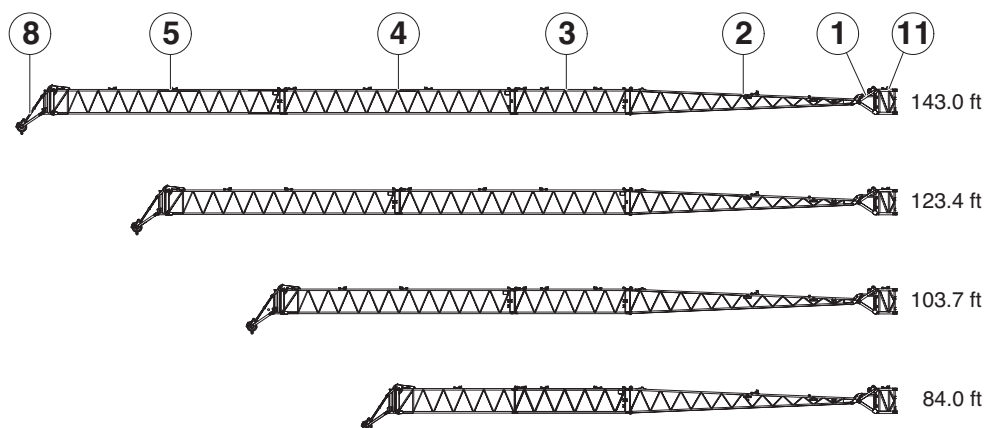
LWIHI



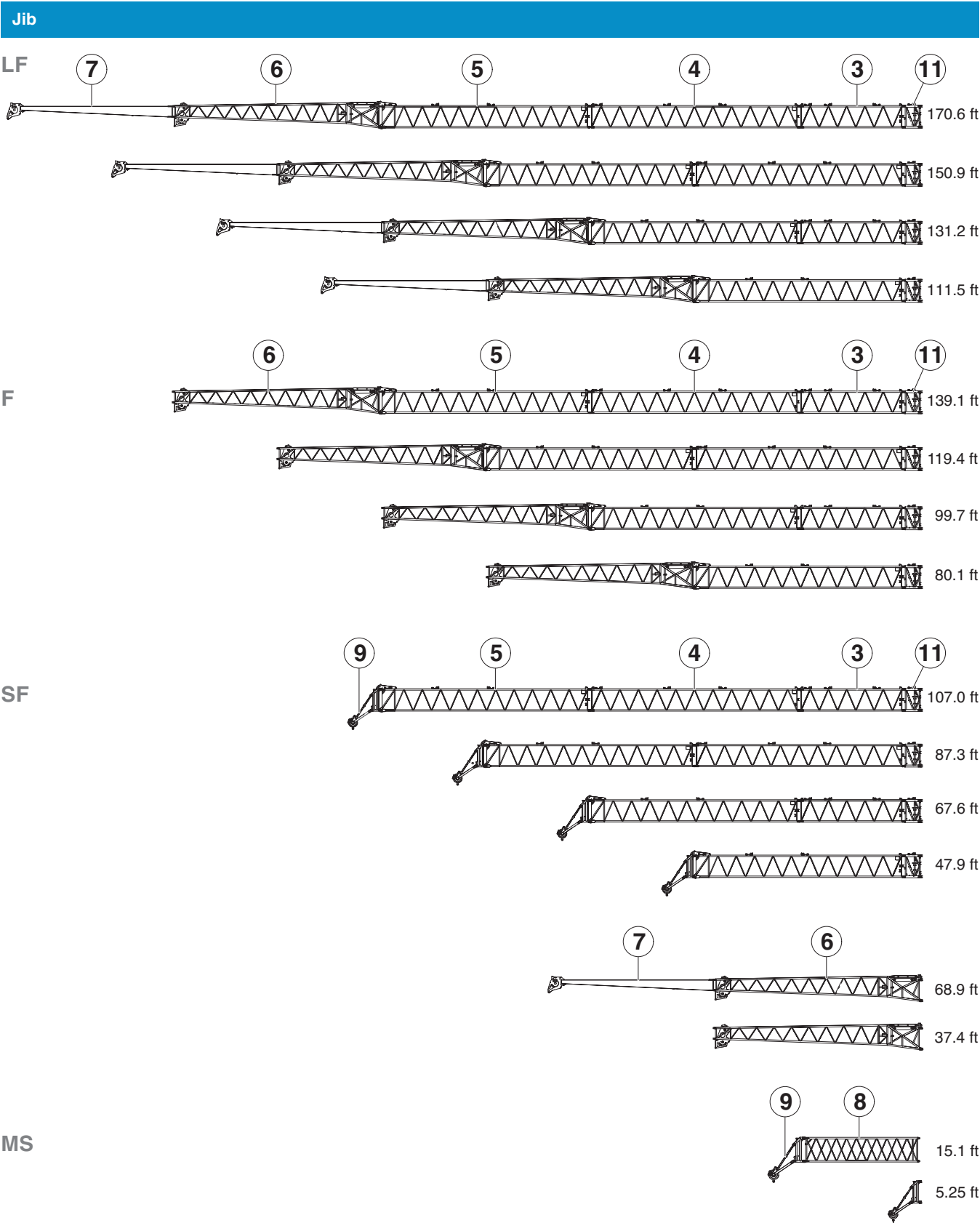
WIHI



SWIHI



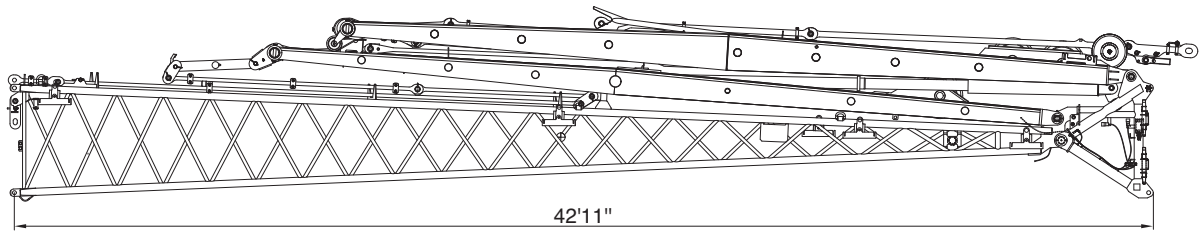
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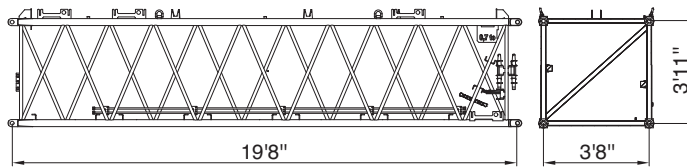
Transportation

Jib

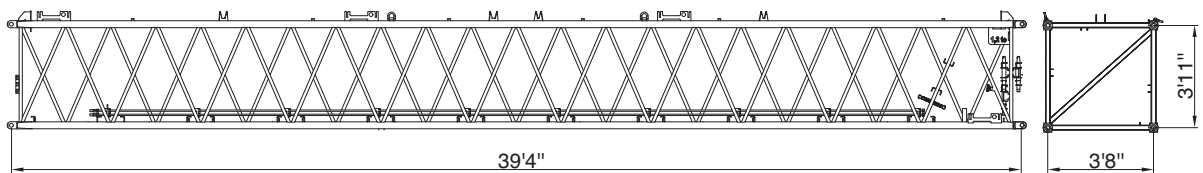
- 1  8,800
2



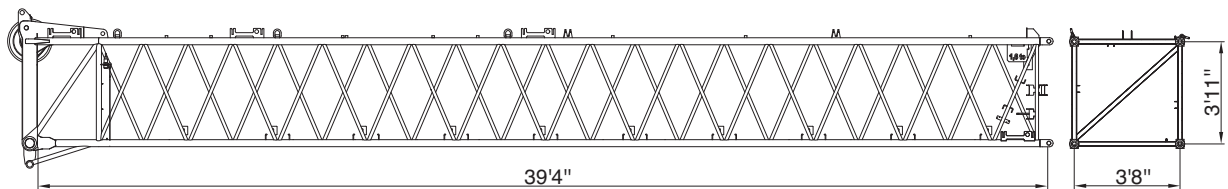
- 3  1,100



- 4  2,000



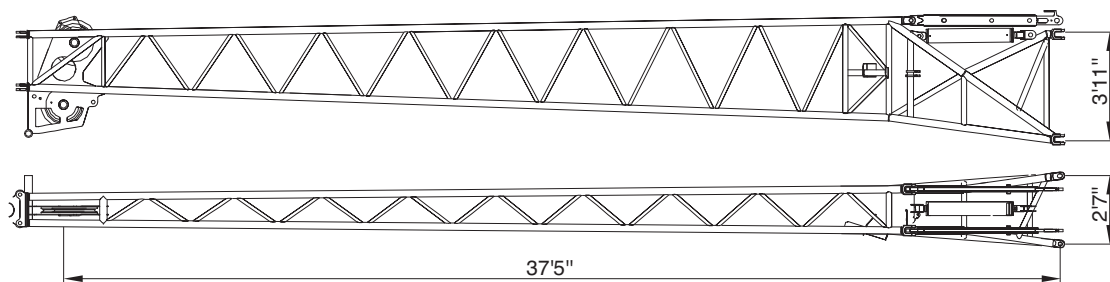
- 5  3,100



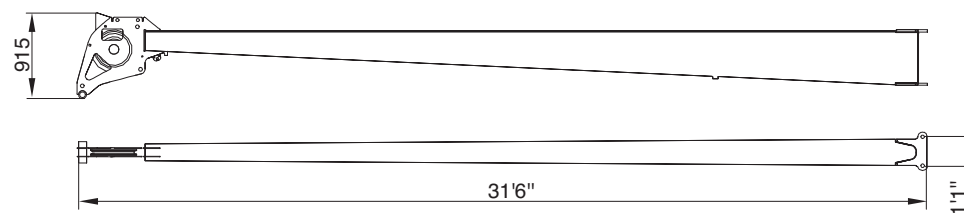
Transportation

Jib

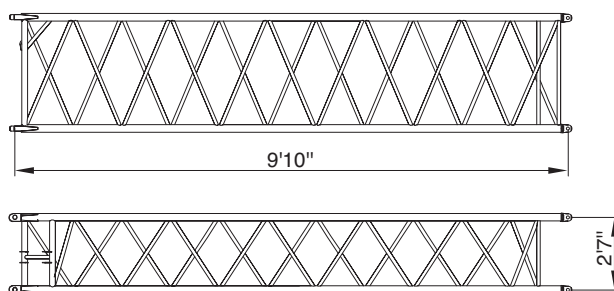
6  3,100 / 3,300 (HY)



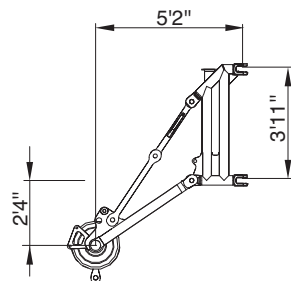
7  1,540



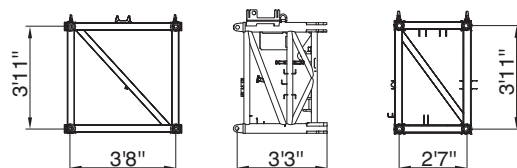
8  880



9  1,100

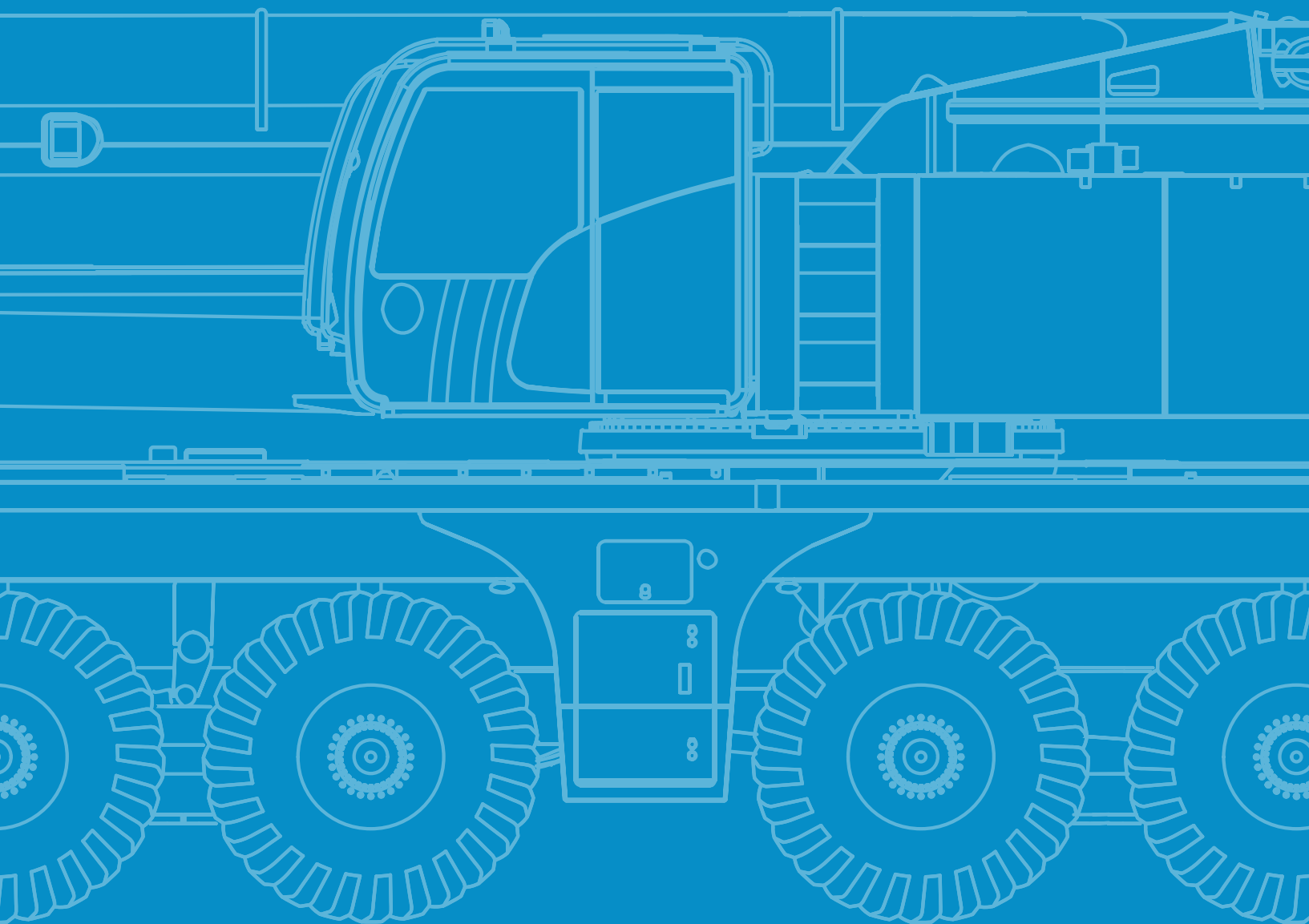


11  1,100



Notes

TECHNICAL DATA FOR OPERATION



Notes

Operation

Main boom



750 s (47.6 - 262.5 ft)



57 s (0° - 83°)

Slewing

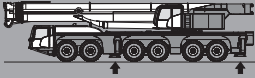


1,0 min⁻¹

Hoist

				
1	413.4 ft/min	26,078 lbf	0.92"	1200 ft
2	413.4 ft/min	26,078 lbf	0.92"	1200 ft

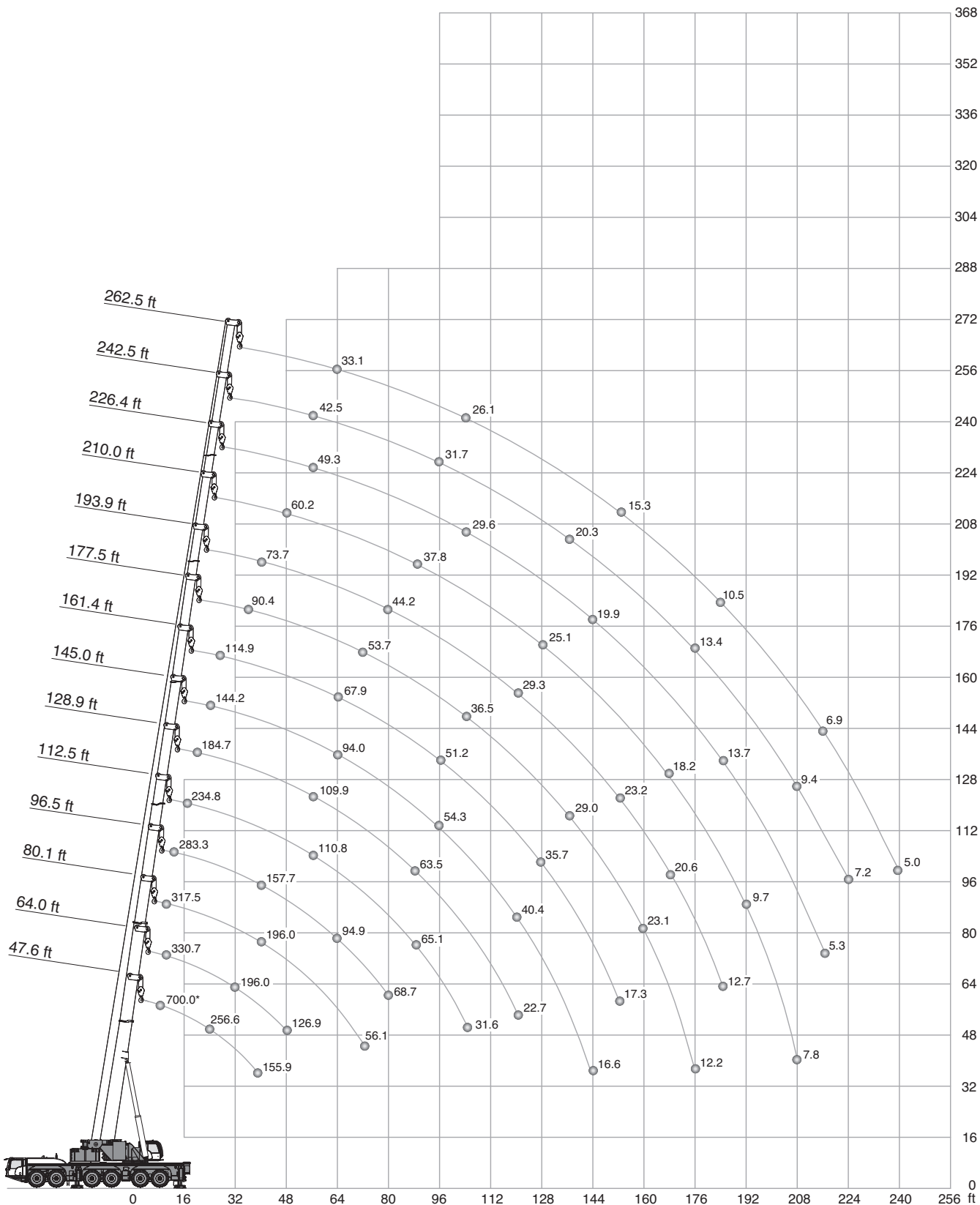
Outrigger cylinders

		
 Max.	249,200 lbs	284,500 lbs
	19.3"	22.0"

Hook Blocks



					
26,500 lbs	23,700 lbs	—	1	1,100 lbs	6.6 ft
88,200 lbs	71,100 lbs	1	3	2,000 lbs	8.9 ft
176,400 lbs	165,800 lbs	3	7	2,700 lbs	9.8 ft
275,600 lbs	236,900 lbs	5	10	3,100 lbs	9.8 ft
352,800 lbs	330,700 lbs	7	14	4,200 lbs	9.8 ft



 206,800 lbs		 28.5 ft x 27.8 ft										360°					ASME B30.5		
 0°		47.6	47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5			
ft		(ft)															ft		
		1,000 lbs																	
8	700.0*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8		
10	330.7	330.7	330.7	317.5	(-)	-	-	-	-	-	-	-	-	-	-	-	10		
12	330.7	330.7	330.7	317.5	283.3	-	-	-	-	-	-	-	-	-	-	-	12		
14	330.7	330.7	330.7	317.5	283.3	(-)	-	-	-	-	-	-	-	-	-	-	14		
16	330.7	323.2	324.9	313.3	283.3	(-)	(-)	(-)	-	-	-	-	-	-	-	-	16		
18	315.2	302.6	304.8	298.0	276.3	234.8	(-)	(-)	-	-	-	-	-	-	-	-	18		
20	295.6	280.3	282.5	280.4	266.8	232.6	184.7	(-)	(-)	-	-	-	-	-	-	-	20		
24	256.6	244.8	246.6	245.9	239.3	221.4	183.4	144.2	(-)	(-)	(-)	-	-	-	-	-	24		
28	223.9	217.0	218.7	218.6	212.5	206.7	180.6	141.7	114.9	(-)	(-)	(-)	-	-	-	-	28		
32	194.1	192.8	196.0	195.9	191.1	185.8	176.5	139.2	109.7	(-)	(-)	(-)	(-)	-	-	-	32		
36	155.9	155.9	177.7	177.7	173.8	170.3	165.4	136.4	103.0	90.4	(-)	(-)	(-)	(-)	(-)	(-)	36		
40	-	-	160.6	160.8	157.7	157.0	152.6	133.4	96.2	86.6	73.7	(-)	(-)	(-)	(-)	(-)	40		
48	-	-	126.9	132.4	131.0	132.6	129.3	124.3	84.0	77.2	68.4	60.2	(-)	(-)	(-)	(-)	48		
56	-	-	-	110.0	112.0	110.8	109.9	110.5	73.8	68.1	61.6	56.4	49.3	42.5	(-)	(-)	56		
64	-	-	-	91.7	94.9	93.4	95.8	94.0	67.9	60.2	55.1	51.4	46.5	41.9	33.1	64			
72	-	-	-	56.1	81.6	81.8	82.5	80.5	62.5	53.7	49.1	46.4	42.9	40.0	33.1	72			
80	-	-	-	-	68.7	73.6	72.2	70.0	58.0	48.2	44.2	41.9	39.1	37.5	31.9	80			
88	-	-	-	-	-	65.1	63.5	61.4	54.2	43.5	39.9	37.8	35.6	34.5	30.1	88			
96	-	-	-	-	-	54.8	56.4	54.3	51.2	39.5	36.1	34.4	32.4	31.7	28.1	96			
104	-	-	-	-	-	31.6	50.3	47.9	48.2	36.5	33.4	31.5	29.6	29.0	26.1	104			
112	-	-	-	-	-	-	43.1	42.5	44.5	34.3	31.2	29.0	27.2	26.5	23.9	112			
120	-	-	-	-	-	-	22.7	40.4	39.8	32.2	29.3	26.9	24.9	24.2	22.0	120			
128	-	-	-	-	-	-	-	35.7	35.7	30.5	27.5	25.1	23.0	22.1	20.2	128			
136	-	-	-	-	-	-	-	17.4	32.1	29.0	25.9	23.5	21.3	20.3	18.3	136			
144	-	-	-	-	-	-	-	16.6	27.8	27.6	24.5	21.9	19.9	18.6	16.6	144			
152	-	-	-	-	-	-	-	-	17.3	26.6	23.2	20.5	18.3	17.0	15.3	152			
160	-	-	-	-	-	-	-	-	-	23.1	21.9	19.3	17.1	15.7	13.9	160			
168	-	-	-	-	-	-	-	-	-	13.0	20.6	18.2	15.9	14.5	12.7	168			
176	-	-	-	-	-	-	-	-	-	12.2	19.0	17.1	14.7	13.4	11.6	176			
184	-	-	-	-	-	-	-	-	-	-	12.7	16.2	13.7	12.3	10.5	184			
192	-	-	-	-	-	-	-	-	-	-	-	9.7	12.8	11.3	9.5	192			
200	-	-	-	-	-	-	-	-	-	-	-	8.9	12.0	10.3	8.7	200			
208	-	-	-	-	-	-	-	-	-	-	-	7.8	9.4	9.4	7.8	208			
216	-	-	-	-	-	-	-	-	-	-	-	6.3	5.3	8.6	6.9	216			
224	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	6.2	224			
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	232			
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	240			

* Max. crane capacity – with additional special equipment

(-) Possible with reduced load

Operation

HA

 158,300 lbs		 28.5 ft x 27.8 ft		360° / Max.*								ASME B30.5			
 360° 47.6 ft	Max. 47.6 ft	360° 64.0 ft	Max. 64.0 ft	360° 80.1 ft	Max. 80.1 ft	360° 96.5 ft	Max. 96.5 ft	360° 112.5 ft	Max. 112.5 ft	360° 128.9 ft	Max. 128.9 ft	360° 145.0 ft	Max. 145.0 ft		
1,000 lbs														ft	
10	330.7	330.7	330.7	330.7	317.5	317.5	(-)	(-)	-	-	-	-	-	10	
12	330.7	330.7	330.7	330.7	317.5	317.5	283.3	283.3	-	-	-	-	-	12	
14	330.7	330.7	330.7	330.7	317.5	317.5	283.3	283.3	(-)	(-)	-	-	-	14	
16	319.9	323.2	320.7	324.9	313.3	313.3	283.3	283.3	(-)	229.6	(-)	(-)	(-)	16	
18	298.1	302.5	299.3	304.7	296.4	298.0	276.3	276.3	234.8	234.8	(-)	(-)	(-)	18	
20	276.0	280.3	277.1	282.5	277.1	280.4	266.8	266.8	232.6	232.6	184.7	184.7	(-)	20	
24	241.1	244.8	242.6	246.6	242.6	245.9	239.3	239.3	221.4	221.4	183.4	183.4	144.2	24	
28	213.2	216.0	215.3	217.7	215.3	217.6	212.5	212.5	206.7	206.7	180.6	180.6	141.7	28	
32	189.0	189.2	191.0	191.2	191.0	191.2	189.4	189.3	185.8	185.8	176.5	176.5	139.2	32	
36	153.8	153.8	168.9	169.9	169.0	169.9	167.7	168.5	166.8	167.6	163.1	164.0	136.4	36	
40	-	-	148.3	150.6	148.5	150.6	149.7	150.0	149.4	151.1	147.2	149.3	133.3	40	
48	-	-	120.2	122.5	121.5	122.4	121.4	124.0	119.8	122.7	121.7	122.6	120.4	48	
56	-	-	-	-	100.7	103.7	100.1	103.0	101.7	102.7	101.2	104.0	98.8	56	
64	-	-	-	-	83.4	88.0	83.6	87.3	85.7	89.5	83.7	88.2	81.0	64	
72	-	-	-	-	56.1	56.1	72.4	75.2	71.5	77.4	69.7	75.9	67.1	72	
80	-	-	-	-	-	-	62.1	67.2	61.0	68.0	59.2	66.4	56.8	80	
88	-	-	-	-	-	-	-	-	52.9	60.3	51.0	58.7	50.9	88	
96	-	-	-	-	-	-	-	-	46.2	53.1	44.4	52.3	46.3	96	
104	-	-	-	-	-	-	-	-	31.6	31.6	41.3	46.9	40.8	104	
112	-	-	-	-	-	-	-	-	-	-	37.9	41.8	36.1	112	
120	-	-	-	-	-	-	-	-	-	-	22.7	22.7	32.2	120	
128	-	-	-	-	-	-	-	-	-	-	-	-	28.9	128	
136	-	-	-	-	-	-	-	-	-	-	-	-	17.4	136	
144	-	-	-	-	-	-	-	-	-	-	-	-	16.6	144	

 360° 161.4 ft	Max. 161.4 ft	360° 177.5 ft	Max. 177.5 ft	360° 193.9 ft	Max. 193.9 ft	360° 210.0 ft	Max. 210.0 ft	360° 226.4 ft	Max. 226.4 ft	360° 242.5 ft	Max. 242.5 ft	360° 262.5 ft	Max. 262.5 ft	
1,000 lbs														ft
20	(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	24
28	114.9	114.9	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	28
32	109.7	109.7	(-)	83.5	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	32
36	103.0	103.0	90.4	90.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	96.2	96.2	86.6	86.6	73.7	73.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	84.0	84.0	77.2	77.2	68.4	68.4	60.2	60.2	(-)	(-)	(-)	(-)	(-)	48
56	73.8	73.8	68.1	68.1	61.6	61.7	56.4	56.4	49.3	49.3	42.5	42.5	(-)	56
64	67.9	67.9	60.2	60.2	55.1	55.1	51.4	51.4	46.5	46.5	41.9	41.9	33.1	64
72	62.5	62.5	53.7	53.7	49.1	49.1	46.4	46.4	42.9	42.9	40.0	40.0	33.1	72
80	57.6	58.0	48.2	48.2	44.2	44.2	41.9	41.9	39.1	39.1	37.5	37.5	31.9	80
88	50.6	54.2	43.5	43.5	39.9	39.9	37.8	37.8	35.6	35.6	34.5	34.5	30.1	88
96	43.9	51.2	39.5	39.5	36.1	36.1	34.4	34.4	32.4	32.4	31.7	31.7	28.1	96
104	38.4	46.5	36.5	36.5	33.4	33.4	31.5	31.5	29.6	29.6	29.0	29.0	26.1	104
112	33.7	41.9	34.2	34.3	31.2	31.2	29.0	29.0	27.2	27.2	26.5	26.5	23.9	112
120	30.0	37.8	30.9	32.2	29.3	29.3	26.9	26.9	24.9	24.9	24.2	24.2	22.0	120
128	28.3	34.4	27.3	30.5	27.3	27.5	25.1	25.1	23.0	23.0	22.1	22.1	20.2	128
136	26.5	31.3	24.1	29.0	24.5	25.9	23.5	23.5	21.3	21.3	20.3	20.3	18.3	136
144	23.9	27.7	22.5	27.6	21.7	24.5	21.3	21.9	19.9	19.9	18.6	18.6	16.6	144
152	17.3	17.3	21.4	26.6	19.3	23.2	18.9	20.5	18.0	18.3	16.5	17.0	15.3	152
160	-	-	19.5	23.1	17.7	21.9	16.6	19.3	15.9	17.1	14.7	15.7	13.9	160
168	-	-	13.0	13.0	16.3	20.6	14.8	18.2	13.9	15.9	13.4	14.5	12.3	168
176	-	-	12.2	12.2	15.0	19.0	13.6	17.1	12.2	14.7	12.1	13.4	10.4	176
184	-	-	-	-	12.7	12.7	12.2	16.2	10.6	13.7	10.6	12.3	8.9	184
192	-	-	-	-	-	-	9.7	9.7	9.2	12.8	9.2	11.3	7.4	192
200	-	-	-	-	-	-	8.9	8.9	7.8	12.0	7.8	10.3	6.1	200
208	-	-	-	-	-	-	7.8	7.8	6.5	9.4	6.7	9.4	4.9	208
216	-	-	-	-	-	-	6.3	6.3	5.2	5.3	5.6	8.6	3.8	216
224	-	-	-	-	-	-	-	-	-	-	4.6	7.2	-	224
232	-	-	-	-	-	-	-	-	-	-	-	-	-	232
240	-	-	-	-	-	-	-	-	-	-	-	-	-	240

* Max. values are valid only for specific superstructure positions

(-) Possible with reduced load

 109,800 lbs			 28.5 ft x 27.8 ft			360° / Max.*						ASME B30.5			
 360° 47.6ft	Max. 47.6ft	360° 64.0ft	Max. 64.0ft	360° 80.1ft	Max. 80.1ft	360° 96.5ft	Max. 96.5ft	360° 112.5ft	Max. 112.5ft	360° 128.9ft	Max. 128.9ft	360° 145.0ft	Max. 145.0ft		
1,000 lbs															ft
10	330.7	330.7	330.7	330.7	317.5	317.5	(-)	(-)	-	-	-	-	-	-	10
12	330.7	330.7	330.7	330.7	317.5	317.5	283.3	283.3	-	-	-	-	-	-	12
14	330.7	330.7	330.7	330.7	317.5	317.5	283.3	283.3	(-)	(-)	-	-	-	-	14
16	315.7	323.2	316.6	324.9	313.3	313.3	283.3	283.3	(-)	229.6	(-)	(-)	(-)	(-)	16
18	293.2	302.5	294.3	304.7	294.3	298.0	276.3	276.3	234.8	234.8	(-)	(-)	(-)	(-)	18
20	271.6	279.9	272.8	282.1	272.8	280.1	266.7	266.8	232.6	232.6	184.7	184.7	(-)	(-)	20
24	235.2	238.1	237.7	240.2	237.7	240.2	236.5	237.5	220.6	221.1	183.4	183.4	144.2	144.2	24
28	199.3	203.1	202.4	205.2	202.5	205.0	201.1	203.8	198.8	201.9	180.6	180.6	141.7	141.7	28
32	169.1	175.6	172.4	177.8	172.4	177.7	174.1	178.2	173.3	178.4	164.2	173.0	139.2	139.2	32
36	143.3	146.8	152.3	156.3	150.6	156.2	153.1	158.4	151.6	156.9	144.0	154.1	131.9	136.4	36
40	-	-	132.5	138.4	133.6	139.3	133.1	138.8	131.6	137.3	130.9	138.1	122.7	132.3	40
48	-	-	99.0	111.6	100.2	112.4	103.6	111.8	103.0	114.2	100.9	112.8	96.8	110.8	48
56	-	-	-	-	81.1	93.1	81.7	93.7	80.8	95.0	78.8	93.6	76.1	91.6	56
64	-	-	-	-	66.0	78.9	66.3	81.3	65.2	80.5	63.2	79.2	63.9	77.2	64
72	-	-	-	-	54.7	56.1	54.7	70.1	53.6	69.5	54.8	67.9	54.0	65.9	72
80	-	-	-	-	-	-	46.1	61.6	46.3	60.8	47.4	59.2	45.4	57.3	80
88	-	-	-	-	-	-	-	-	41.7	53.5	40.6	51.9	38.6	50.9	88
96	-	-	-	-	-	-	-	-	36.2	46.8	35.1	45.0	34.0	46.6	96
104	-	-	-	-	-	-	-	-	30.9	31.6	30.5	41.3	31.1	40.9	104
112	-	-	-	-	-	-	-	-	-	-	26.8	37.9	27.6	35.9	112
120	-	-	-	-	-	-	-	-	-	-	22.7	22.7	24.4	32.0	120
128	-	-	-	-	-	-	-	-	-	-	-	-	21.5	28.4	128
136	-	-	-	-	-	-	-	-	-	-	-	-	17.4	17.4	136
144	-	-	-	-	-	-	-	-	-	-	-	-	16.6	16.6	144

 360° 161.4 ft	Max. 161.4 ft	360° 177.5 ft	Max. 177.5 ft	360° 193.9 ft	Max. 193.9 ft	360° 210.0 ft	Max. 210.0 ft	360° 226.4 ft	Max. 226.4 ft	360° 242.5 ft	Max. 242.5 ft	360° 262.5 ft	Max. 262.5 ft	
1,000 lbs														ft
20	(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	24
28	114.9	114.9	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	28
32	109.7	109.7	(-)	83.5	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	32
36	103.0	103.0	90.4	90.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	96.2	96.2	86.6	86.6	73.7	73.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	84.0	84.0	77.2	77.2	68.4	68.4	60.2	60.2	(-)	(-)	(-)	(-)	(-)	48
56	73.8	73.8	68.1	68.1	61.6	61.7	56.4	56.4	49.3	49.3	42.5	42.5	(-)	56
64	63.0	67.9	58.7	60.2	55.1	55.1	51.4	51.4	46.5	46.5	41.9	41.9	33.1	64
72	51.4	62.5	49.5	53.7	48.4	49.1	46.4	46.4	42.9	42.9	40.0	40.0	33.1	72
80	43.6	57.8	44.1	48.2	42.2	44.2	40.8	41.9	38.9	39.1	37.5	37.5	31.9	80
88	38.8	51.5	37.5	43.5	37.8	39.9	36.8	37.8	34.9	35.6	34.1	34.5	30.1	88
96	34.2	44.5	33.7	39.5	32.5	36.1	32.0	34.4	31.0	32.4	29.5	31.7	28.1	96
104	29.6	38.6	29.9	36.5	29.3	33.4	27.9	31.5	26.4	29.6	26.1	29.0	24.6	104
112	26.8	33.7	26.0	34.2	25.4	31.2	24.1	29.0	22.3	27.2	22.5	26.5	20.5	112
120	24.2	30.0	23.2	30.6	21.9	29.3	20.7	26.9	19.1	24.9	19.1	24.2	17.3	120
128	21.4	28.3	20.5	27.0	19.2	27.1	18.1	25.1	16.1	23.0	16.3	22.1	14.3	128
136	18.9	26.2	18.0	24.0	16.6	24.3	15.5	23.5	13.5	21.3	13.8	20.3	11.8	136
144	16.9	23.5	15.9	22.5	14.4	21.5	13.3	21.1	11.3	19.9	11.6	18.6	9.6	144
152	15.0	17.3	13.9	21.3	12.5	19.1	11.2	18.7	9.4	17.8	9.5	16.4	7.7	152
160	-	-	12.3	19.2	10.7	17.7	9.6	16.5	7.6	15.7	7.9	14.7	6.1	160
168	-	-	10.8	13.0	9.3	16.2	8.1	14.7	6.2	13.9	6.3	13.4	4.6	168
176	-	-	9.5	12.2	7.9	14.8	6.6	13.6	4.8	12.2	4.8	12.1	3.1	176
184	-	-	-	-	6.7	12.7	5.4	12.2	3.6	10.6	3.6	10.6	-	184
192	-	-	-	-	-	-	4.2	9.7	-	9.2	-	9.2	-	192
200	-	-	-	-	-	-	3.3	8.9	-	7.8	-	7.8	-	200
208	-	-	-	-	-	-	-	7.8	-	6.5	-	6.7	-	208
216	-	-	-	-	-	-	-	6.3	-	5.2	-	5.6	-	216
224	-	-	-	-	-	-	-	-	-	-	-	4.8	-	224

* Max. values are valid only for specific superstructure positions

(-) Possible with reduced load

 42,300 lbs			 28.5 ft x 27.8 ft			360° / Max.*						ASME B30.5			
 360° 47.6ft	Max. 47.6ft	360° 64.0ft	Max. 64.0ft	360° 80.1ft	Max. 80.1ft	360° 96.5ft	Max. 96.5ft	360° 112.5ft	Max. 112.5ft	360° 128.9ft	Max. 128.9ft	360° 145.0ft	Max. 145.0ft		
1,000 lbs														ft	
10	330.7	330.7	330.7	330.7	317.5	317.5	(-)	(-)	-	-	-	-	-	-	10
12	330.7	330.7	330.7	330.7	317.5	317.5	283.3	283.3	-	-	-	-	-	-	12
14	327.8	330.7	328.3	330.7	317.5	317.5	283.3	283.3	(-)	(-)	-	-	-	-	14
16	309.4	316.9	310.5	318.7	308.3	313.3	283.3	283.3	229.6	229.6	(-)	(-)	(-)	(-)	16
18	278.5	287.5	280.7	289.9	279.1	288.5	255.4	273.0	224.8	234.8	(-)	(-)	(-)	(-)	18
20	247.3	257.5	250.5	260.0	246.3	260.0	230.3	257.4	209.1	232.3	182.1	184.7	(-)	(-)	20
24	197.1	212.4	202.6	215.0	193.1	210.7	178.3	211.6	167.0	208.3	157.0	181.3	138.8	144.2	24
28	151.5	176.7	158.6	180.4	153.2	181.1	145.4	179.4	138.3	171.2	127.0	161.9	116.8	141.1	28
32	114.5	150.2	121.8	154.1	125.1	155.1	121.9	154.6	114.0	147.3	105.2	139.2	99.3	123.6	32
36	91.5	131.2	98.2	135.0	104.4	136.1	102.2	132.4	97.2	128.2	91.6	116.9	87.5	104.4	36
40	-	-	80.7	117.8	83.9	118.8	84.4	118.0	82.3	108.8	81.4	98.8	76.1	91.6	40
48	-	-	57.4	89.9	60.2	92.3	60.6	90.3	63.6	83.6	62.5	76.2	60.4	75.2	48
56	-	-	-	-	46.1	70.7	48.6	70.5	48.4	66.5	48.4	64.8	48.4	60.8	56
64	-	-	-	-	36.7	54.8	38.1	55.0	38.5	55.0	39.0	54.8	38.8	50.4	64
72	-	-	-	-	29.0	44.1	30.4	44.6	31.4	46.5	31.5	45.4	31.3	44.0	72
80	-	-	-	-	-	-	24.6	38.7	25.7	38.5	25.7	37.6	25.5	38.7	80
88	-	-	-	-	-	-	-	-	21.1	32.7	21.0	32.9	20.9	32.7	88
96	-	-	-	-	-	-	-	-	17.5	28.1	17.3	28.9	17.2	28.3	96
104	-	-	-	-	-	-	-	-	14.5	25.2	14.3	25.4	14.0	24.9	104
112	-	-	-	-	-	-	-	-	-	-	11.6	22.1	11.3	21.7	112
120	-	-	-	-	-	-	-	-	-	-	9.5	19.5	9.3	19.2	120
128	-	-	-	-	-	-	-	-	-	-	-	-	7.5	16.7	128
136	-	-	-	-	-	-	-	-	-	-	-	-	5.9	14.6	136
144	-	-	-	-	-	-	-	-	-	-	-	-	4.7	12.9	144

 360° 161.4 ft	Max. 161.4 ft	360° 177.5 ft	Max. 177.5 ft	360° 193.9 ft	Max. 193.9 ft	360° 210.0 ft	Max. 210.0 ft	360° 226.4 ft	Max. 226.4 ft	360° 242.5 ft	Max. 242.5 ft	360° 262.5 ft	Max. 262.5 ft	
1,000 lbs														ft
20	(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	24
28	106.8	114.9	(-)	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	28
32	94.2	107.8	83.5	83.5	(-)	(-)	(-)	(-)	(-)	-	-	-	-	32
36	82.0	95.3	76.8	85.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	72.0	87.0	69.0	77.9	66.0	71.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	57.8	69.2	57.3	65.3	53.5	61.7	49.9	57.3	(-)	(-)	(-)	(-)	(-)	48
56	48.0	56.6	45.7	55.0	42.3	53.3	39.3	50.8	35.7	46.5	34.7	41.5	(-)	56
64	38.1	49.5	36.7	47.8	33.9	45.8	31.5	42.8	28.1	39.4	27.4	37.6	24.0	64
72	30.4	42.0	29.3	41.8	27.5	38.7	25.3	36.1	22.2	33.0	21.5	31.9	18.2	72
80	24.5	37.0	23.4	36.1	21.7	33.2	19.8	30.6	17.1	27.9	16.5	27.1	13.2	80
88	19.8	32.4	18.7	31.3	17.2	28.5	15.5	26.2	12.9	23.6	12.4	23.0	9.3	88
96	16.1	27.8	14.9	27.2	13.4	24.6	11.9	22.4	9.6	20.0	9.1	19.5	6.2	96
104	12.9	24.3	11.8	23.4	10.3	21.3	8.9	19.3	6.7	16.9	6.3	16.5	3.6	104
112	10.5	21.0	9.4	20.1	7.8	18.6	6.5	16.6	4.5	14.2	4.1	13.8	-	112
120	8.3	18.2	7.3	17.2	5.7	15.7	4.4	14.3	-	12.1	-	11.6	-	120
128	6.4	15.7	5.4	14.8	4.0	13.4	-	12.1	-	10.0	-	9.6	-	128
136	4.9	13.7	3.8	12.8	-	11.3	-	10.1	-	8.1	-	7.9	-	136
144	3.6	11.8	2.5	10.9	-	9.6	-	8.4	-	6.7	-	6.2	-	144
152	-	10.2	-	9.3	-	7.9	-	6.8	-	5.1	-	4.9	-	152
160	-	-	-	8.0	-	6.5	-	5.3	-	3.8	-	3.5	-	160
168	-	-	-	6.7	-	5.4	-	4.1	-	-	-	-	-	168
176	-	-	-	5.7	-	4.1	-	3.0	-	-	-	-	-	176
184	-	-	-	-	-	3.2	-	-	-	-	-	-	-	184

* Max. values are valid only for specific superstructure positions

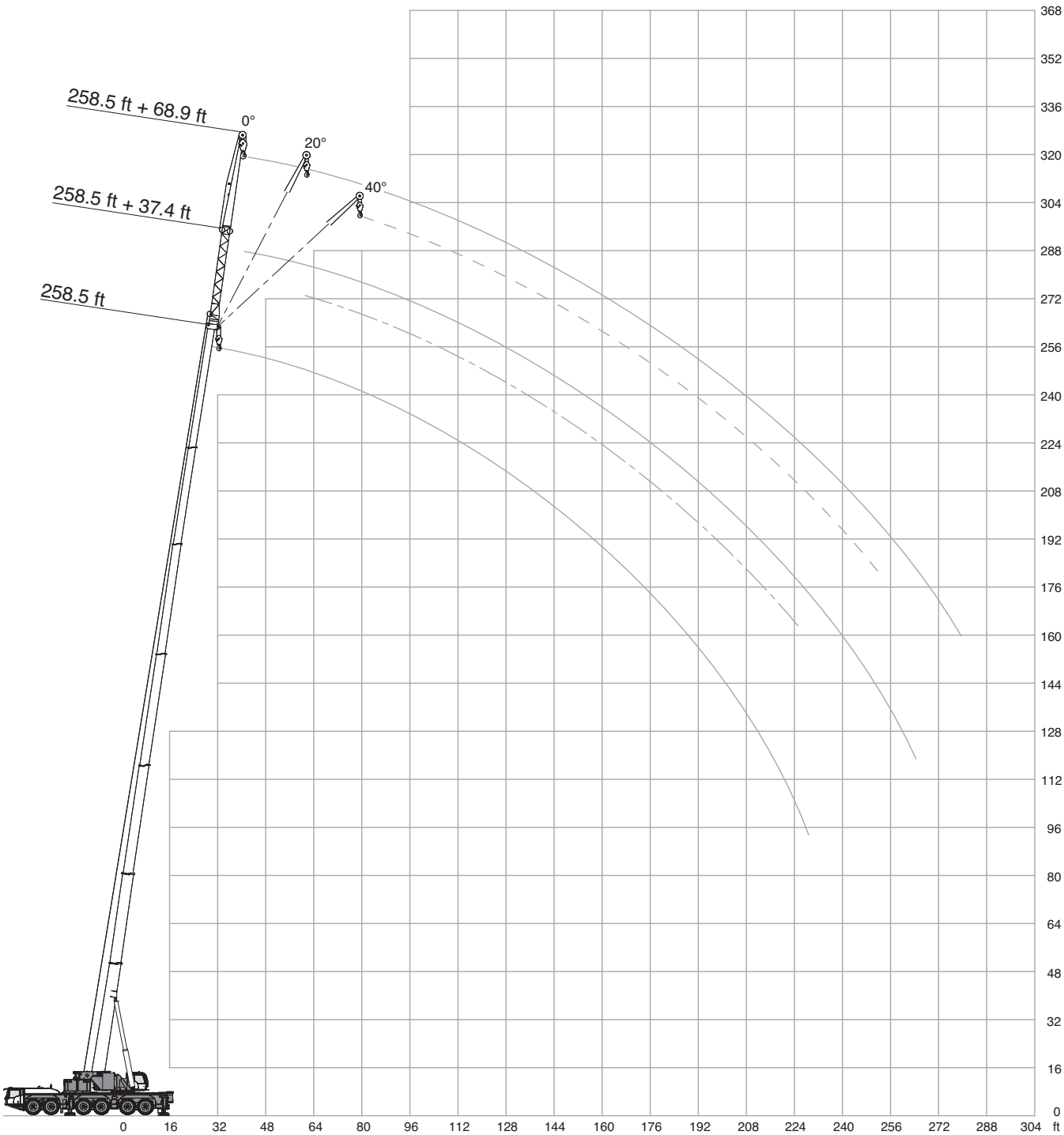
(-) Possible with reduced load

 0 lbs		 28.5 ft x 27.8 ft								360° / Max.*				ASME B30.5			
 	360° 47.6ft	Max. 47.6ft	360° 64.0ft	Max. 64.0ft	360° 80.1ft	Max. 80.1ft	360° 96.5ft	Max. 96.5ft	360° 112.5ft	Max. 112.5ft	360° 128.9ft	Max. 128.9ft	360° 145.0ft	Max. 145.0ft			
1,000 lbs																	
ft	10	330.7	330.7	330.7	330.7	317.5	317.5	(-)	(-)	-	-	-	-	-	-	ft	
12	330.7	330.7	330.7	330.7	317.5	317.5	282.9	283.3	-	-	-	-	-	-	-	12	
14	320.7	327.0	322.5	328.5	292.7	317.5	261.5	283.3	(-)	(-)	-	-	-	-	-	14	
16	283.7	300.3	271.2	302.7	241.8	300.5	214.7	280.3	173.7	229.6	(-)	(-)	(-)	(-)	(-)	16	
18	238.5	267.0	224.3	261.2	200.9	258.0	178.0	247.5	165.5	222.6	(-)	(-)	(-)	(-)	(-)	18	
20	194.8	231.8	180.5	232.6	163.4	229.6	153.6	219.5	138.0	202.7	126.7	171.6	(-)	(-)	(-)	20	
24	128.6	188.3	128.9	192.3	123.6	186.1	113.9	163.8	105.7	149.1	99.4	128.6	91.1	116.2	24	24	
28	84.8	158.2	96.2	155.1	93.7	139.0	87.7	130.3	85.0	115.6	79.8	105.8	75.5	99.1	28	28	
32	57.4	128.0	69.3	119.0	72.7	114.0	72.0	104.2	68.6	95.1	65.0	91.2	61.0	84.1	32	32	
36	41.8	98.4	52.6	97.7	58.9	95.3	58.9	88.5	57.7	83.0	54.3	79.4	51.2	73.9	36	36	
40	-	-	39.0	81.0	45.4	80.0	47.4	74.8	47.5	73.8	45.0	68.4	42.7	65.8	40	40	
48	-	-	23.9	55.7	29.9	58.5	31.7	59.7	33.2	57.1	32.6	55.3	31.2	52.4	48	48	
56	-	-	-	-	20.2	45.0	21.8	46.6	23.4	45.3	23.1	44.3	22.8	41.6	56	56	
64	-	-	-	-	13.5	35.1	15.1	36.4	16.5	37.1	16.4	35.7	16.4	33.7	64	64	
72	-	-	-	-	8.9	27.9	10.2	29.0	11.6	30.1	11.6	29.5	11.4	27.7	72	72	
80	-	-	-	-	-	-	6.9	23.5	8.1	24.6	7.9	24.4	7.9	23.0	80	80	
88	-	-	-	-	-	-	-	-	5.4	20.0	5.2	19.9	5.1	19.2	88	88	
96	-	-	-	-	-	-	-	-	3.2	16.4	3.1	16.2	2.9	16.0	96	96	
104	-	-	-	-	-	-	-	-	-	13.4	-	13.2	-	12.9	104	104	
112	-	-	-	-	-	-	-	-	-	-	-	10.7	-	10.5	112	112	
120	-	-	-	-	-	-	-	-	-	-	-	8.7	-	8.4	120	120	
128	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	128	128	
136	-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	136	136	
144	-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	144	144	

		360° 161.4 ft	Max. 161.4 ft	360° 177.5 ft	Max. 177.5 ft	360° 193.9 ft	Max. 193.9 ft	360° 210.0 ft	Max. 210.0 ft	360° 226.4 ft	Max. 226.4 ft	360° 242.5 ft	Max. 242.5 ft	360° 262.5 ft	Max. 262.5 ft	
1,000 lbs																
ft																ft
20	(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	-	-	24
28	65.9	88.8	(-)	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	28
32	56.1	79.3	46.4	71.0	(-)	(-)	(-)	(-)	(-)	-	(-)	-	-	-	-	32
36	47.1	69.3	42.2	65.4	(-)	(-)	(-)	(-)	(-)	-	(-)	-	(-)	-	(-)	36
40	39.2	62.1	36.2	57.5	32.3	51.9	(-)	(-)	(-)	-	(-)	-	(-)	-	(-)	40
48	28.5	48.1	26.2	44.5	22.9	40.1	20.0	36.3	-	(-)	(-)	-	(-)	-	(-)	48
56	20.6	38.1	18.6	35.4	15.6	31.7	12.7	28.5	-	25.3	-	24.3	-	-	(-)	56
64	14.4	30.7	12.6	28.4	9.9	25.2	7.3	22.5	-	19.8	-	19.1	-	15.7	64	64
72	10.0	25.0	8.2	23.0	5.6	20.2	3.4	18.0	-	15.3	-	14.6	-	11.8	72	72
80	6.6	20.6	5.1	18.9	-	16.4	-	14.3	-	11.8	-	11.2	-	8.6	80	80
88	4.0	17.2	-	15.5	-	13.1	-	11.1	-	8.8	-	8.4	-	5.8	88	88
96	-	14.3	-	12.7	-	10.4	-	8.6	-	6.4	-	6.0	-	3.4	96	96
104	-	11.8	-	10.2	-	8.2	-	6.4	-	4.2	-	3.8	-	-	104	104
112	-	9.6	-	8.3	-	6.3	-	4.5	-	-	-	-	-	-	112	112
120	-	7.5	-	6.4	-	4.5	-	-	-	-	-	-	-	-	120	120
128	-	5.7	-	4.6	-	3.1	-	-	-	-	-	-	-	-	128	128
136	-	4.3	-	3.2	-	-	-	-	-	-	-	-	-	-	136	136
144	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	144	144

* Max. values are valid only for specific superstructure positions

(-) Possible with reduced load



Operation

HAV

206,800 lbs								28.5 ft x 27.8 ft								360°								ASME B30.5							
47.6 ft								145.0 ft																							
		37.4 ft			68.9 ft					37.4 ft			68.9 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°			0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs						ft		1,000 lbs						ft		1,000 lbs						ft		1,000 lbs					
10		47.4	-	-	-	-	-	28		47.4	-	-	-	-	-	32		47.4	-	-	19.9	-	-	104		24.5	-	-	11.2	-	-
12		47.4	-	-	24.0	-	-	32		47.4	-	-	-	-	-	80		19.2	-	-	11.2	-	-	104		24.5	-	-	11.2	-	-
14		47.4	-	-	23.7	-	-	36		47.4	-	-	-	-	-	88		19.2	19.2	-	11.0	-	-	104		24.5	23.1	-	12.3	-	-
16		47.4	-	-	23.3	-	-	40		47.4	32.5	-	-	-	-	96		19.2	19.2	18.2	10.9	-	-	104		24.5	22.4	19.0	12.0	-	-
18		47.4	-	-	22.9	-	-	48		46.6	30.4	22.5	-	-	-	104		19.2	19.2	17.9	10.8	10.4	-	104		24.5	21.8	18.6	11.9	10.9	-
20		47.4	37.5	-	22.6	-	-	56		43.0	28.5	21.7	-	-	-	112		19.2	19.2	17.6	10.6	10.1	8.4	104		24.5	21.2	18.3	11.7	10.6	-
24		47.4	34.5	-	21.9	-	-	64		39.3	26.8	20.9	-	-	-	120		18.9	19.1	17.4	10.5	9.9	8.2	104		23.7	20.5	18.1	11.5	10.3	8.4
28		45.6	31.8	-	21.3	-	-	72		36.0	25.4	20.3	-	-	-	128		17.9	18.2	17.2	10.4	9.6	8.0	104		22.1	20.2	17.8	11.4	9.9	8.2
32		41.1	29.7	23.4	20.3	-	-	80		33.1	24.1	19.8	-	-	-	136		16.6	17.0	16.7	10.2	9.3	7.9	104		20.5	19.0	14.3	11.7	-	-
36		37.2	27.8	22.4	19.3	-	-	88		30.6	23.0	19.3	-	-	-	144		15.5	15.7	15.9	10.1	9.3	7.9	104		19.9	18.5	-	11.5	9.9	8.8
40		33.8	26.0	21.5	18.3	14.2	-	96		28.6	22.1	18.9	-	-	-	152		14.1	14.6	14.8	9.9	9.0	7.7	104		19.7	-	-	10.5	9.4	8.2
48		29.0	23.4	20.2	16.0	12.9	-	104		26.9	21.3	18.6	-	-	-	160		12.9	13.5	13.9	9.8	8.7	7.7	104		22.2	19.7	-	12.7	10.7	9.4
56		25.4	21.2	19.0	14.3	11.7	-	112		25.3	20.5	18.3	-	-	-	168		11.7	12.3	12.9	9.6	8.5	7.6	104		22.2	19.7	-	12.7	10.7	9.4
64		22.2	19.7	-	12.7	10.7	9.4	120		23.9	19.7	18.1	-	-	-	176		10.5	11.2	11.8	9.3	8.4	7.5	104		22.2	19.7	-	12.7	10.7	9.4
72		19.9	18.5	-	11.5	9.9	8.8	128		22.7	19.2	18.0	-	-	-	184		9.6	10.1	10.9	9.0	8.3	7.5	104		22.2	19.7	-	12.7	10.7	9.4
80		-	-	-	10.5	9.4	8.5	136		21.6	18.6	14.6	-	-	-	192		8.6	9.1	10.0	8.7	8.1	7.5	104		22.2	19.7	-	12.7	10.7	9.4
88		-	-	-	9.6	8.7	8.2	144		20.6	18.3	-	-	-	-	200		7.8	8.3	9.2	8.2	8.0	7.5	104		22.2	19.7	-	12.7	10.7	9.4
96		-	-	-	9.0	8.5	-	152		19.7	18.1	-	-	-	-	208		7.0	7.5	8.4	7.6	7.6	7.3	104		22.2	19.7	-	12.7	10.7	9.4
104		-	-	-	8.4	-	-	160		19.0	11.7	-	-	-	-	216		6.2	6.7	7.5	7.1	7.1	7.1	104		22.2	19.7	-	12.7	10.7	9.4
								168		10.9	-	-	-	-	-	224		5.5	5.9	6.7	6.4	6.6	6.7	104		22.2	19.7	-	12.7	10.7	9.4
								176		10.2	-	-	-	-	-	232		4.9	5.1	-	5.8	6.0	6.2	104		22.2	19.7	-	12.7	10.7	9.4
								184		-	-	-	-	-	-	240		4.2	4.4	-	5.1	5.5	5.7	104		22.2	19.7	-	12.7	10.7	9.4
								192		-	-	-	-	-	-	248		3.6	3.8	-	4.5	4.9	5.1	104		22.2	19.7	-	12.7	10.7	9.4
								200		-	-	-	-	-	-	256		3.1	3.3	-	4.0	4.4	-	104		22.2	19.7	-	12.7	10.7	9.4
																264		2.7	2.8	-	3.4	3.9	-	104		22.2	19.7	-	12.7	10.7	9.4
																272		-	-	-	2.9	3.3	-	104		22.2	19.7	-	12.7	10.7	9.4
																280		-	-	-	2.5	2.8	-	104		22.2	19.7	-	12.7	10.7	9.4

Operation

HAV

 109,800 lbs								 28.5 ft x 27.8 ft								360°								ASME B30.5											
 47.6 ft																 145.0 ft																			
				37.4 ft				68.9 ft								37.4 ft				68.9 ft															
				0°	20°	40°					0°	20°	40°					0°	20°	40°															
ft				1,000 lbs														ft				1,000 lbs													
10		47.4		-	-	-	-	-	-	-	-	-	-	-	-	28		47.4	-	-	19.9	-	-												
12		47.4		-	-	-	24.0	-	-	-	-	-	-	-	-	32		47.4	-	-	19.7	-	-												
14		47.4		-	-	-	23.7	-	-	-	-	-	-	-	-	36		47.4	-	-	19.3	-	-												
16		47.4		-	-	-	23.3	-	-	-	-	-	-	-	-	40		47.4	32.5	-	18.9	-	-												
18		47.4		-	-	-	22.9	-	-	-	-	-	-	-	-	48		46.6	30.4	22.5	18.2	-	-												
20		47.4	37.5	-	-	-	22.6	-	-	-	-	-	-	-	-	56		43.0	28.5	21.7	17.5	13.5	-												
24		47.4	34.5	-	-	-	21.9	-	-	-	-	-	-	-	-	64		39.3	26.8	20.9	16.9	12.9	-												
28		45.6	31.8	-	-	-	21.3	-	-	-	-	-	-	-	-	72		36.0	25.4	20.3	16.3	12.1	-												
32		41.1	29.7	23.4	-	-	20.3	-	-	-	-	-	-	-	-	80		33.1	24.1	19.8	15.6	11.6	9.2												
36		37.2	27.8	22.4	-	-	19.3	-	-	-	-	-	-	-	-	88		30.6	23.0	19.3	15.0	11.1	8.9												
40		33.8	26.0	21.5	-	-	18.3	14.2	-	-	-	-	-	-	-	96		28.6	22.1	18.9	14.2	10.5	8.7												
48		29.0	23.4	20.2	-	-	16.0	12.9	-	-	-	-	-	-	-	104		26.7	21.3	18.6	13.3	10.2	8.6												
56		25.4	21.2	19.0	-	-	14.3	11.7	-	-	-	-	-	-	-	112		24.9	20.5	18.3	12.5	9.7	8.4												
64		22.2	19.7	-	-	-	12.7	10.7	9.4	-	-	-	-	-	-	120		22.5	19.7	18.1	11.9	9.4	8.2												
72		19.9	18.5	-	-	-	11.5	9.9	8.8	-	-	-	-	-	-	128		20.3	19.1	18.0	11.2	9.1	8.0												
80		-	-	-	-	-	10.5	9.4	8.5	-	-	-	-	-	-	136		18.8	18.3	14.6	10.7	8.9	7.9												
88		-	-	-	-	-	9.6	8.7	8.2	-	-	-	-	-	-	144		16.9	17.5	-	10.4	8.6	7.9												
96		-	-	-	-	-	9.0	8.5	-	-	-	-	-	-	-	152		15.3	15.4	-	9.9	8.4	7.9												
104		-	-	-	-	-	8.4	-	-	-	-	-	-	-	-	160		14.3	11.7	-	9.5	8.3	7.9												
																168		10.9	-	-	9.1	8.1	-												
																176		10.2	-	-	8.9	8.0	-												
																184		-	-	-	8.5	7.9	-												
																192		-	-	-	8.3	-	-												
																200		-	-	-	8.2	-	-												

 242.5 ft							
		37.4 ft					
		0°	20°	40°	0°	20°	40°
ft		1,000 lbs					
64		24.5	-	-	12.6	-	-
72		24.5	-	-	12.4	-	-
80		24.5	23.1	-	12.3	-	-
88		24.5	22.4	19.0	12.0	-	-
96		24.5	21.8	18.6	11.9	10.9	-
104		24.1	21.2	18.3	11.7	10.6	-
112		21.0	20.5	18.1	11.5	10.3	8.4
120		19.0	19.6	17.8	11.4	9.9	8.2
128		16.4	18.0	17.4	11.1	9.6	8.0
136		13.8	15.6	16.5	11.0	9.5	7.9
144		11.6	13.3	14.4	10.6	9.3	7.9
152		9.7	11.2	12.3	9.7	9.0	7.7
160		7.9	9.3	10.2	8.2	8.7	7.7
168		6.4	7.6	8.5	6.8	8.3	7.7
176		5.0	6.2	6.8	5.5	7.6	7.7
184		3.8	4.8	5.5	4.3	6.3	7.1
192		-	-	4.2	-	5.0	6.3
200		-	-	2.9	-	3.8	5.0
208		-	-	-	-	-	3.8
216		-	-	-	-	-	2.7

 262.5 ft							
 	37.4 ft			68.9 ft			
	0°	20°	40°*	0°*	20°*	40°*	
ft	1,000 lbs						
72	19.2	-	-	11.2	-	-	
80	19.2	-	-	11.2	-	-	
88	19.2	19.2	-	11.0	-	-	
96	19.2	19.2	18.2	10.9	-	-	
104	19.2	19.2	17.9	10.8	10.4	-	
112	19.0	19.2	17.6	10.6	10.1	8.4	
120	16.6	18.6	17.4	10.5	9.9	8.2	
128	13.9	16.1	17.2	10.4	9.6	8.0	
136	11.5	13.5	15.6	10.2	9.3	7.9	
144	9.6	11.3	13.1	9.5	9.3	7.9	
152	7.7	9.4	11.0	7.7	9.0	7.7	
160	6.1	7.6	8.9	6.2	8.6	7.7	
168	4.6	6.0	7.1	4.8	7.4	7.6	
176	3.1	4.4	5.5	3.5	5.9	7.5	
184	-	-	4.1	-	4.7	6.5	
192	-	-	-	-	-	5.2	
200	-	-	-	-	-	3.9	
 *258.5 ft							

 *258.5 ft

Operation

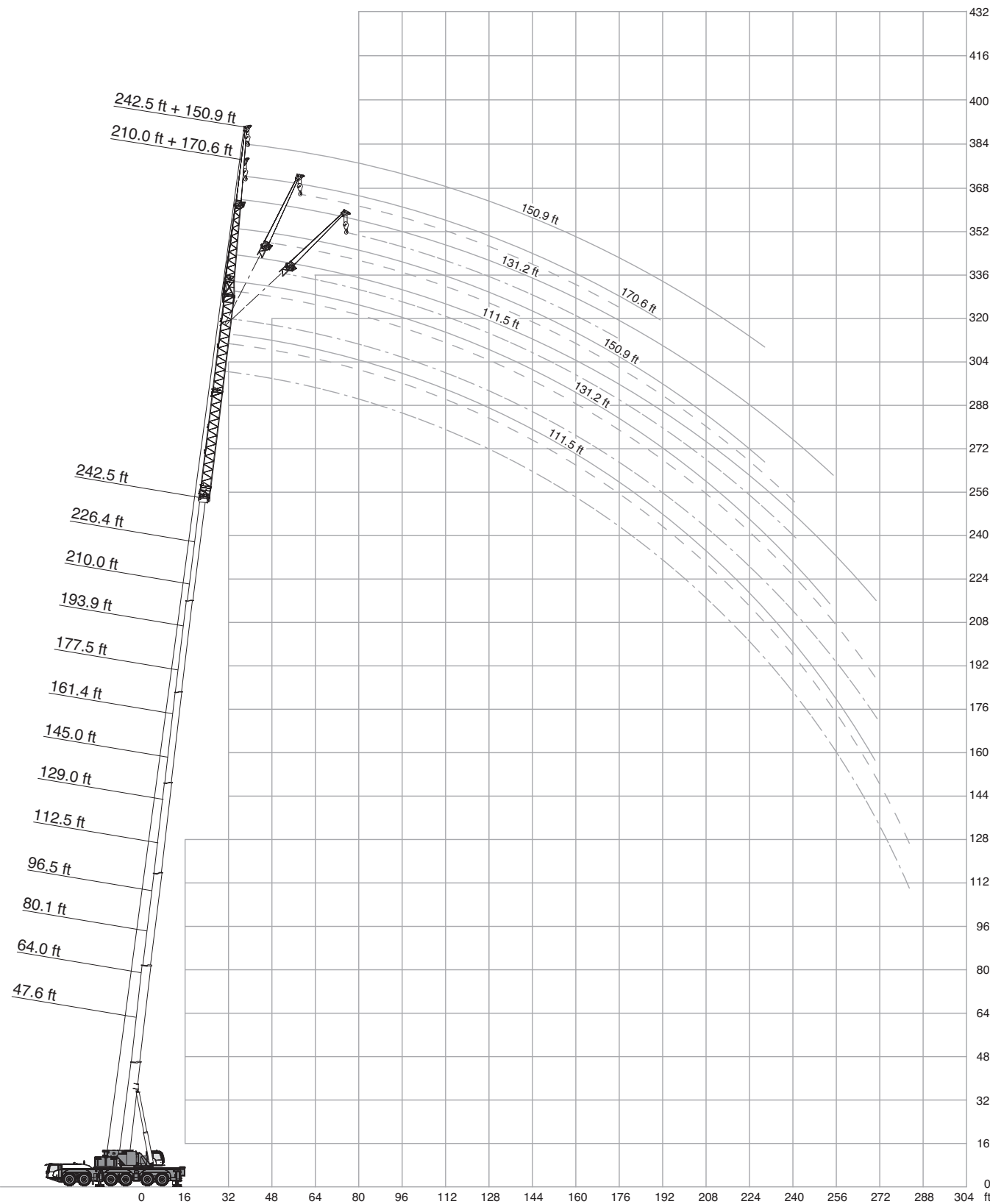
HAV

42,300 lbs								28.5 ft x 27.8 ft								360°								ASME B30.5							
47.6 ft								145.0 ft																							
		37.4 ft			68.9 ft					37.4 ft			68.9 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°			0°	20°	40°	0°	20°	40°			0°	20°	40°	0°	20°	40°
ft		1,000 lbs								1,000 lbs								1,000 lbs								1,000 lbs					
10		47.4	-	-	-	-	-	28		47.4	-	-	19.9	-	-	32		47.4	-	-	19.7	-	-	36		47.4	-	-	19.3	-	-
12		47.4	-	-	24.0	-	-	32		47.4	-	-	19.7	-	-	40		47.4	32.5	-	18.9	-	-	48		46.5	30.4	22.5	18.2	-	-
14		47.4	-	-	23.7	-	-	36		47.4	-	-	19.3	-	-	48		46.5	30.4	22.5	18.2	-	-	56		41.2	28.5	21.7	17.5	13.5	-
16		47.4	-	-	23.3	-	-	40		47.4	32.5	-	18.9	-	-	56		41.2	28.5	21.7	17.5	13.5	-	64		36.8	26.8	20.9	16.9	12.9	-
18		47.4	-	-	22.9	-	-	48		46.5	30.4	22.5	18.2	-	-	64		36.8	26.8	20.9	16.9	12.9	-	72		31.6	25.4	20.3	16.3	12.1	-
20		47.4	37.5	-	22.6	-	-	56		41.2	28.5	21.7	17.5	13.5	-	72		31.6	25.4	20.3	16.3	12.1	-	80		26.8	23.7	19.8	15.6	11.6	9.2
24		47.4	34.5	-	21.9	-	-	80		26.8	23.7	19.8	15.6	11.6	9.2	88		22.1	22.2	19.2	15.0	11.1	8.9	96		18.3	20.2	18.7	14.0	10.5	8.7
28		45.6	31.8	-	21.3	-	-	88		22.1	22.2	19.2	15.0	11.1	8.9	104		15.1	16.7	17.8	13.1	10.2	8.6	112		12.4	14.0	15.1	12.3	9.7	8.4
32		41.1	29.7	23.4	20.3	-	-	96		18.3	20.2	18.7	14.0	10.5	8.7	120		10.4	11.6	12.4	11.2	9.4	8.2	128		8.5	9.6	10.2	9.4	9.1	8.0
36		37.2	27.8	22.4	19.3	-	-	104		15.1	16.7	17.8	13.1	10.2	8.6	136		6.8	7.7	8.4	7.6	8.9	7.9	144		5.4	6.2	-	6.2	8.0	7.9
40		33.8	26.0	21.5	18.3	14.2	-	112		12.4	14.0	15.1	12.3	9.7	8.4	144		5.4	6.2	-	6.2	8.0	7.9	152		4.2	4.9	-	4.9	6.4	7.5
48		29.0	23.4	20.2	16.0	12.9	-	120		10.4	11.6	12.4	11.2	9.4	8.2	152		4.2	4.9	-	4.9	6.4	7.5	160		3.1	3.6	-	3.9	5.2	6.2
56		25.4	21.2	19.0	14.3	11.7	-	128		8.5	9.6	10.2	9.4	9.1	8.0	168		-	-	-	-	4.1	-	176		-	-	-	-	3.0	-
64		22.2	19.7	-	12.7	10.7	9.4	136		6.8	7.7	8.4	7.6	8.9	7.9	176		-	-	-	-	3.0	-			-	-	-	-	-	-
72		19.9	18.5	-	11.5	9.9	8.8	144		5.4	6.2	-	6.2	8.0	7.9			-	-	-	-	-	-			-	-	-	-	-	-
80		-	-	-	10.5	9.4	8.5	152		4.2	4.9	-	4.9	6.4	7.5			-	-	-	-	-	-			-	-	-	-	-	-
88		-	-	-	9.6	8.7	8.2	160		3.1	3.6	-	3.9	5.2	6.2			-	-	-	-	-	-			-	-	-	-	-	-
96		-	-	-	9.0	8.5	-	168		-	-	-	-	4.1	-			-	-	-	-	-	-			-	-	-	-	-	-
104		-	-	-	8.4	-	-	176		-	-	-	-	3.0	-			-	-	-	-	-	-			-	-	-	-	-	-

242.5 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								1,000 lbs					
64		23.4	-	-	12.6	-	-	72		16.0	-	-	11.2	-	-
72		19.7	-	-	12.4	-	-	80		11.3	-	-	10.7	-	-
80		14.8	18.7	-	11.8	-	-	88		7.7	11.3	-	7.2	-	-
88		10.8	14.3	17.3	9.9	-	-	96		4.6	8.0	11.4	4.3	10.9	-
96		7.7	10.7	13.4	6.8	10.9	-	104		-	5.2	8.1	-	9.1	-
104		5.1	7.8	10.3	4.5	9.1	-	112		-	-	5.6	-	6.7	8.4
112		-	5.4	7.6	-	6.7	8.4	120		-	-	-	-	4.6	7.8
120		-	3.3	5.3	-	4.6	7.8	128		-	-	-	-	-	6.2
128		-	-	3.4	-	-	6.2	136		-	-	-	-	-	4.2
136		-	-	-	-	-	4.2	144		-	-	-	-	-	2.5
144		-	-	-	-	-	2.5								

262.5 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								1,000 lbs					
72		16.0	-	-	11.2	-	-	80		11.3	-	-	10.7	-	-
80		11.3	-	-	10.7	-	-	88		7.7	11.3	-	7.2	-	-
88		7.7	11.3	-	7.2	-	-	96		4.6	8.0	11.4	4.3	10.9	-
96		-	5.2	8.1	-	9.1	-	104		-	5.2	8.1	-	9.1	-
104		-	-	5.6	-	6.7	8.4	112		-	-	-	-	4.6	7.8
112		-	-	-	-	-	6.2	120		-	-	-	-	-	4.2
120		-	-	-	-	-	4.2	128		-	-	-	-	-	2.5
128		-	-	-	-	-	2.5	136		-	-	-	-	-	-
136		-	-	-	-	-	-	144		-	-	-	-	-	-
144		-	-	-	-	-	-								

 *258.5 ft



Operation

LF

 206,800 lbs				 28.5 ft x 27.8 ft				360°				ASME B30.5			
 47.6 ft															
		111.5 ft			131.2 ft			150.9 ft			170.6 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
ft															
1,000 lbs															
ft															
20		21.8	-	-	-	-	-	-	-	-	-	-	-	-	20
24		21.2	-	-	19.9	-	-	-	-	-	-	-	-	-	24
28		20.7	-	-	19.5	-	-	-	-	-	-	-	-	-	28
32		20.2	-	-	18.9	-	-	17.4	-	-	-	-	-	-	32
36		19.5	-	-	18.1	-	-	16.4	-	-	14.3	-	-	-	36
40		18.8	-	-	17.3	-	-	15.5	-	-	13.5	-	-	-	40
48		17.2	14.1	-	15.4	-	-	13.7	-	-	12.0	-	-	-	48
56		15.3	13.0	-	13.6	12.6	-	12.1	-	-	10.7	-	-	-	56
64		13.6	12.1	-	12.0	11.3	-	10.6	10.2	-	9.3	9.3	-	-	64
72		12.2	11.3	9.5	10.6	10.2	-	9.5	9.1	-	8.2	8.2	-	-	72
80		10.9	10.2	9.0	9.5	9.1	8.7	8.3	8.0	8.0	7.3	7.1	7.3	-	80
88		9.9	9.2	8.7	8.5	8.2	8.0	7.4	7.2	7.2	6.3	6.3	6.4	-	88
96		9.1	8.5	8.3	7.7	7.4	7.3	6.6	6.6	6.6	5.5	5.7	5.8	-	96
104		8.3	7.8	7.8	6.9	6.7	6.7	5.8	5.8	5.8	4.9	4.9	5.1	-	104
112		7.7	7.2	7.2	6.4	6.1	6.1	5.3	5.3	5.3	4.4	4.4	4.6	-	112
120		6.9	6.8	-	5.8	5.7	5.6	4.7	4.7	4.8	3.8	3.9	4.1	-	120
128		6.5	6.4	-	5.3	5.3	5.2	4.3	4.3	4.4	3.3	3.5	3.6	-	128
136		6.1	6.0	-	4.9	4.8	-	3.9	3.9	4.0	2.9	3.1	3.2	-	136
144		5.7	-	-	4.4	4.4	-	3.5	3.5	3.6	2.7	2.7	2.9	-	144
152		-	-	-	4.2	4.2	-	3.1	3.3	-	-	2.4	2.6	-	152
160		-	-	-	3.9	-	-	2.8	3.0	-	-	-	-	-	160
168		-	-	-	-	-	-	2.6	2.7	-	-	-	-	-	168
176		-	-	-	-	-	-	2.4	2.5	-	-	-	-	-	176

 145.0 ft														
		111.5 ft			131.2 ft			150.9 ft			170.6 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
40		17.2	-	-	-	-	-	-	-	-	-	-	-	40
48		16.6	-	-	15.2	-	-	-	-	-	-	-	-	48
56		16.1	-	-	14.4	-	-	12.2	-	-	10.0	-	-	56
64		15.5	-	-	13.4	-	-	11.4	-	-	9.2	-	-	64
72		14.6	12.4	-	12.6	-	-	10.6	-	-	8.6	-	-	72
80		13.7	11.8	-	11.6	10.2	-	9.8	8.9	-	7.9	7.4	-	80
88		12.7	11.0	9.0	10.8	9.4	-	9.0	8.2	-	7.3	6.9	-	88
96		12.1	10.3	8.9	10.1	8.8	8.1	8.3	7.5	7.0	6.8	6.3	-	96
104		11.3	9.8	8.6	9.4	8.2	7.6	7.8	6.9	6.5	6.2	5.8	5.5	104
112		10.5	9.2	8.3	8.8	7.7	7.0	7.0	6.4	6.1	5.7	5.3	5.1	112
120		9.8	8.7	7.9	8.0	7.2	6.7	6.5	6.0	5.7	5.2	4.9	4.7	120
128		9.3	8.3	7.6	7.5	6.8	6.3	6.1	5.6	5.3	4.8	4.5	4.3	128
136		8.7	7.8	7.3	7.0	6.3	6.0	5.6	5.2	4.9	4.3	4.1	4.0	136
144		8.4	7.5	7.1	6.6	6.0	5.7	5.1	4.9	4.6	4.0	3.8	3.8	144
152		7.9	7.0	6.8	6.1	5.7	5.5	4.8	4.4	4.4	3.5	3.5	3.5	152
160		7.4	6.7	6.5	5.8	5.4	5.2	4.3	4.1	4.1	3.2	3.2	3.2	160
168		7.1	6.5	6.3	5.4	5.2	4.9	4.1	3.8	3.8	3.0	3.0	3.0	168
176		6.7	6.2	6.0	5.1	4.9	4.7	3.8	3.6	3.6	2.7	2.7	2.7	176
184		6.4	5.9	5.8	4.8	4.6	4.5	3.5	3.4	3.3	2.4	-	2.4	184
192		6.1	5.7	5.5	4.6	4.4	4.4	3.2	3.2	3.1	-	-	-	192
200		5.8	5.6	5.3	4.3	4.1	4.1	3.0	3.0	2.9	-	-	-	200
208		5.7	5.4	-	4.0	3.9	-	2.8	2.8	2.8	-	-	-	208
216		5.5	5.3	-	3.8	3.8	-	2.7	2.7	2.7	-	-	-	216
224		5.4	5.2	-	3.6	3.6	-	2.5	2.4	-	-	-	-	224
232		5.3	4.1	-	3.5	3.5	-	-	-	-	-	-	-	232
240		5.1	3.7	-	3.5	3.4	-	-	-	-	-	-	-	240
248		3.4	-	-	3.4	2.8	-	-	-	-	-	-	-	248

Operation

LF

 206,800 lbs				 28.5 ft x 27.8 ft				360°			ASME B30.5			
 242.5 ft														
 ft		111.5 ft			131.2 ft			150.9 ft			170.6 ft			
		0°	20°	40°	0°	20°	40°	0°	20°*	40°*	0°*	20°*	40°*	
1,000 lbs														
80		9.3	-	-	-	-	-	-	-	-	6.1	-	-	80
88		9.3	-	-	7.5	-	-	-	-	-	5.6	-	-	88
96		9.3	-	-	7.4	-	-	5.6	-	-	5.4	-	-	96
104		9.1	-	-	7.1	-	-	5.3	-	-	5.1	-	-	104
112		8.8	8.1	-	6.8	6.4	-	5.1	5.9	-	4.6	4.4	-	112
120		8.6	7.9	-	6.6	6.1	-	4.8	5.4	5.2	4.3	4.1	-	120
128		8.5	7.6	6.6	6.3	5.8	-	4.6	5.2	5.0	4.1	3.9	3.6	128
136		8.2	7.3	6.5	6.2	5.6	5.4	4.5	4.9	4.7	3.8	3.6	3.5	136
144		7.7	7.1	6.4	6.0	5.3	5.1	4.2	4.6	4.4	3.5	3.3	3.3	144
152		7.5	6.8	6.1	5.7	5.3	5.0	4.0	4.4	4.2	3.3	3.1	3.1	152
160		7.2	6.5	6.0	5.4	5.0	4.8	3.9	4.1	4.0	3.0	2.9	2.8	160
168		6.9	6.3	5.9	5.2	4.8	4.6	3.6	3.9	3.8	2.8	2.7	2.6	168
176		6.7	6.2	5.8	5.1	4.6	4.4	3.3	3.8	3.6	2.7	2.5	2.4	176
184		6.5	5.9	5.6	4.8	4.4	4.3	3.2	3.5	3.4	2.4	-	-	184
192		6.3	5.7	5.5	4.6	4.2	4.1	3.1	3.2	3.2	-	-	-	192
200		6.1	5.6	5.3	4.5	4.0	3.9	2.9	3.0	3.0	-	-	-	200
208		5.8	5.4	5.2	4.3	3.9	3.7	2.8	2.8	2.8	-	-	-	208
216		5.5	5.3	5.1	4.0	3.8	3.5	2.7	2.7	2.7	-	-	-	216
224		5.1	4.9	4.9	3.8	3.6	3.5	2.5	2.5	2.5	-	-	-	224
232		4.7	4.6	4.8	3.6	3.4	3.5	-	2.4	2.4	-	-	-	232
240		4.2	4.3	4.5	3.2	3.2	3.4	-	2.3	2.3	-	-	-	240
248		3.7	4.0	4.2	2.9	3.0	3.1	-	-	-	-	-	-	248
256		3.3	3.7	4.0	-	2.9	2.9	-	-	-	-	-	-	256
264		2.9	3.3	3.4	-	2.6	2.7	-	-	-	-	-	-	264
272		-	2.9	2.9	-	-	-	-	-	-	-	-	-	272
280		-	2.3	2.3	-	-	-	-	-	-	-	-	-	280

 109,800 lbs				 28.5 ft x 27.8 ft				360°			ASME B30.5			
 47.6 ft														
 ft		111.5 ft			131.2 ft			150.9 ft			170.6 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lbs														
20		21.8	-	-	-	-	-	-	-	-	-	-	-	20
24		21.2	-	-	19.9	-	-	-	-	-	-	-	-	24
28		20.7	-	-	19.5	-	-	-	-	-	-	-	-	28
32		20.2	-	-	18.9	-	-	17.4	-	-	-	-	-	32
36		19.5	-	-	18.1	-	-	16.4	-	-	14.3	-	-	36
40		18.8	-	-	17.3	-	-	15.5	-	-	13.5	-	-	40
48		17.2	14.1	-	15.4	-	-	13.7	-	-	12.0	-	-	48
56		15.3	13.0	-	13.6	12.6	-	12.1	-	-	10.7	-	-	56
64		13.6	12.1	-	12.0	11.3	-	10.6	10.2	-	9.3	9.3	-	64
72		12.2	11.3	9.5	10.6	10.2	-	9.5	9.1	-	8.2	8.2	-	72
80		10.9	10.2	9.0	9.5	9.1	8.7	8.3	8.0	8.0	7.3	7.1	7.3	80
88		9.9	9.2	8.7	8.5	8.2	8.0	7.4	7.2	7.2	6.3	6.3	6.4	88
96		9.1	8.5	8.3	7.7	7.4	7.3	6.6	6.6	6.6	5.5	5.7	5.8	96
104		8.3	7.8	7.8	6.9	6.7	6.7	5.8	5.8	5.8	4.9	4.9	5.1	104
112		7.7	7.2	7.2	6.4	6.1	6.1	5.3	5.3	5.3	4.4	4.4	4.6	112
120		6.9	6.8	-	5.8	5.7	5.6	4.7	4.7	4.8	3.8	3.9	4.1	120
128		6.5	6.4	-	5.3	5.3	5.2	4.3	4.3	4.4	3.3	3.5	3.6	128
136		6.1	6.0	-	4.9	4.8	-	3.9	3.9	4.0	2.9	3.1	3.2	136
144		5.7	-	-	4.4	4.4	-	3.5	3.5	3.6	2.7	2.7	2.9	144
152		-	-	-	4.2	4.2	-	3.1	3.3	-	-	2.4	2.6	152
160		-	-	-	3.9	-	-	2.8	3.0	-	-	-	-	160
168		-	-	-	-	-	-	2.6	2.7	-	-	-	-	168
176		-	-	-	-	-	-	2.4	2.5	-	-	-	-	176

 *210.0 ft

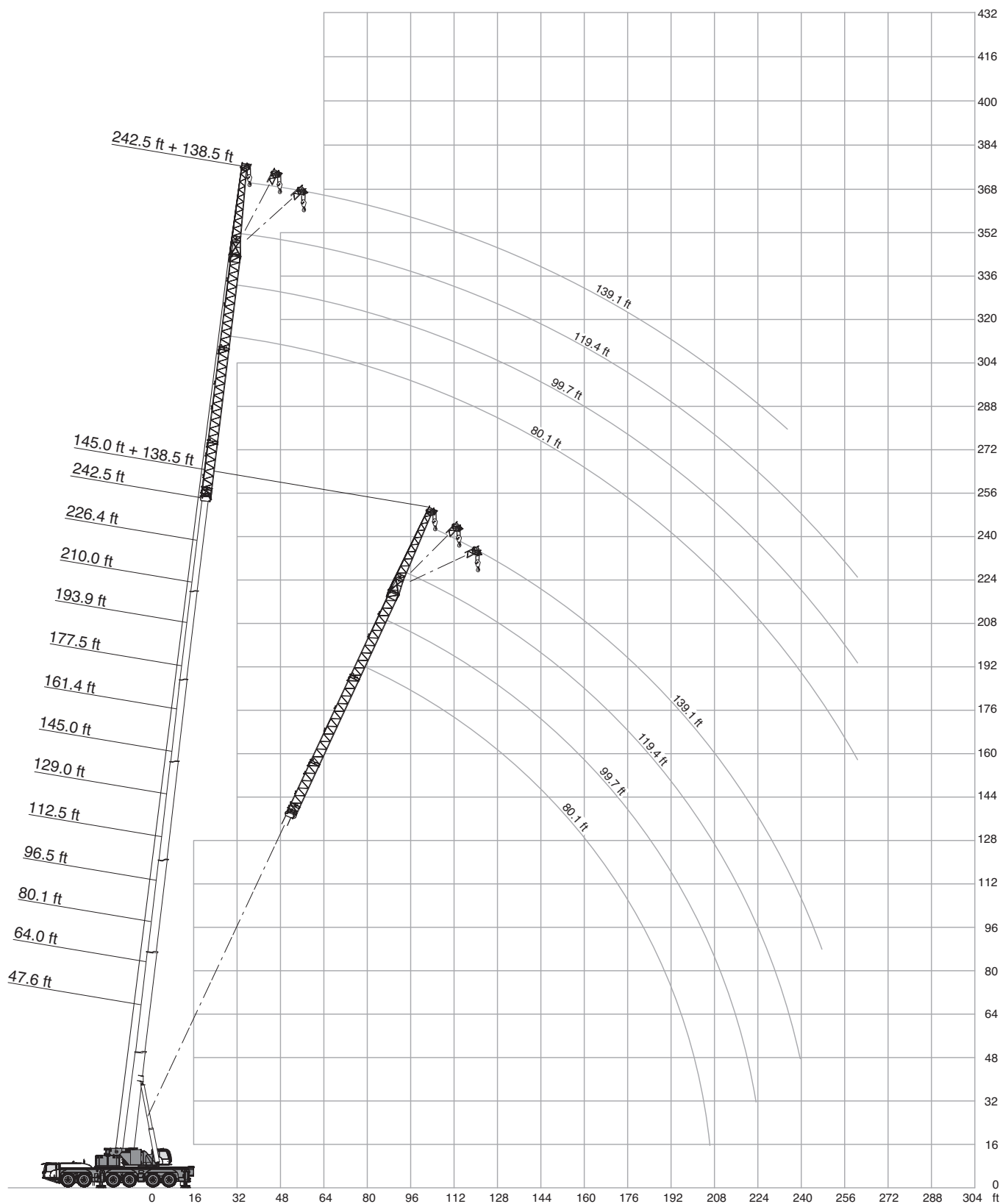
Operation

LF

 109,800 lbs				 28.5 ft x 27.8 ft				360°				ASME B30.5			
 145.0 ft															
		111.5 ft			131.2 ft			150.9 ft			170.6 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
ft															
1,000 lbs															
40		17.2	-	-	-	-	-	-	-	-	-	-	-	40	
48		16.6	-	-	15.2	-	-	-	-	-	-	-	-	48	
56		16.1	-	-	14.4	-	-	12.2	-	-	10.0	-	-	56	
64		15.5	-	-	13.4	-	-	11.4	-	-	9.2	-	-	64	
72		14.6	12.4	-	12.6	-	-	10.6	-	-	8.6	-	-	72	
80		13.7	11.8	-	11.6	10.2	-	9.8	8.9	-	7.9	7.4	-	80	
88		12.7	11.0	9.0	10.8	9.4	-	9.0	8.2	-	7.3	6.9	-	88	
96		12.1	10.3	8.9	10.1	8.8	8.1	8.3	7.5	7.0	6.8	6.3	-	96	
104		11.3	9.8	8.6	9.4	8.2	7.6	7.8	6.9	6.5	6.2	5.8	5.5	104	
112		10.5	9.2	8.3	8.8	7.7	7.0	7.0	6.4	6.1	5.7	5.3	5.1	112	
120		9.8	8.7	7.9	8.0	7.2	6.7	6.5	6.0	5.7	5.2	4.9	4.7	120	
128		9.3	8.3	7.6	7.5	6.8	6.3	6.1	5.6	5.3	4.8	4.5	4.3	128	
136		8.7	7.8	7.3	7.0	6.3	6.0	5.6	5.2	4.9	4.3	4.1	4.0	136	
144		8.4	7.5	7.1	6.6	6.0	5.7	5.1	4.9	4.6	4.0	3.8	3.8	144	
152		7.9	7.0	6.8	6.1	5.7	5.5	4.8	4.4	4.4	3.5	3.5	3.5	152	
160		7.4	6.7	6.5	5.8	5.4	5.2	4.3	4.1	4.1	3.2	3.2	3.2	160	
168		7.1	6.5	6.3	5.4	5.2	4.9	4.1	3.8	3.8	3.0	3.0	3.0	168	
176		6.7	6.2	6.0	5.1	4.9	4.7	3.8	3.6	3.6	2.7	2.7	2.7	176	
184		6.4	5.9	5.8	4.8	4.6	4.5	3.5	3.4	3.3	2.4	-	2.4	184	
192		6.1	5.7	5.5	4.6	4.4	4.4	3.2	3.2	3.1	-	-	-	192	
200		5.8	5.6	5.3	4.3	4.1	4.1	3.0	3.0	2.9	-	-	-	200	
208		5.6	5.4	-	4.0	3.9	-	2.8	2.8	2.8	-	-	-	208	
216		5.3	5.3	-	3.8	3.8	-	2.7	2.7	2.7	-	-	-	216	
224		5.0	5.1	-	3.6	3.6	-	2.4	2.4	-	-	-	-	224	
232		4.7	4.1	-	3.5	3.5	-	-	-	-	-	-	-	232	
240		4.3	3.7	-	3.4	3.4	-	-	-	-	-	-	-	240	
248		3.4	-	-	3.2	2.8	-	-	-	-	-	-	-	248	

 242.5 ft														
		111.5 ft			131.2 ft			150.9 ft			170.6 ft			
		0°	20°	40°	0°	20°	40°	0°	20°*	40°*	0°*	20°*	40°*	
ft		1,000 lbs												ft
80		9.3	-	-	-	-	-	-	-	-	6.1	-	-	80
88		9.3	-	-	7.5	-	-	-	-	-	5.6	-	-	88
96		9.3	-	-	7.4	-	-	5.6	-	-	5.4	-	-	96
104		9.1	-	-	7.1	-	-	5.3	-	-	5.1	-	-	104
112		8.8	8.1	-	6.8	6.4	-	5.1	5.9	-	4.6	4.4	-	112
120		8.6	7.9	-	6.6	6.1	-	4.8	5.4	5.2	4.3	4.1	-	120
128		8.5	7.6	6.6	6.3	5.8	-	4.6	5.2	5.0	4.1	3.9	3.6	128
136		8.2	7.3	6.5	6.2	5.6	5.4	4.5	4.9	4.7	3.8	3.6	3.5	136
144		7.7	7.1	6.4	6.0	5.3	5.1	4.2	4.6	4.4	3.5	3.3	3.3	144
152		6.6	6.8	6.1	5.6	5.3	5.0	4.0	4.4	4.2	3.3	3.1	3.1	152
160		5.1	6.5	6.0	4.4	5.0	4.8	3.7	4.1	4.0	3.0	2.9	2.8	160
168		3.7	5.9	5.9	-	4.7	4.6	-	3.9	3.8	2.7	2.7	2.6	168
176		2.4	5.0	5.8	-	4.4	4.4	-	3.8	3.6	2.5	2.5	2.4	176
184		-	3.8	5.3	-	3.4	4.3	-	3.4	3.4	-	-	-	184
192		-	-	4.6	-	-	4.0	-	3.2	3.2	-	-	-	192
200		-	-	3.4	-	-	3.0	-	2.9	3.0	-	-	-	200
208		-	-	-	-	-	-	-	2.6	2.7	-	-	-	208
216		-	-	-	-	-	-	-	2.2	2.4	-	-	-	216

 *210.0 ft



Operation

F

 206,800 lbs				 28.5 ft x 27.8 ft				360°				ASME B30.5			
 47.6 ft															
		80.1 ft			99.7 ft			119.4 ft			139.1 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
ft		1,000 lbs													ft
16		46.9	-	-	-	-	-	-	-	-	-	-	-	16	
18		44.2	-	-	-	-	-	-	-	-	-	-	-	18	
20		41.5	-	-	36.3	-	-	-	-	-	-	-	-	20	
24		37.2	-	-	32.7	-	-	29.0	-	-	-	-	-	24	
28		33.5	-	-	29.6	-	-	26.2	-	-	23.0	-	-	28	
32		30.5	26.7	-	26.8	-	-	23.8	-	-	21.1	-	-	32	
36		28.2	24.7	-	24.5	22.4	-	21.9	-	-	19.4	-	-	36	
40		25.9	22.9	21.0	22.5	20.7	-	20.0	18.7	-	17.9	-	-	40	
48		22.1	20.1	18.7	19.4	17.9	17.1	17.1	16.2	15.6	15.2	14.7	-	48	
56		19.2	17.8	16.8	16.8	15.7	15.0	14.9	14.2	13.7	13.1	12.7	12.5	56	
64		17.0	16.0	15.3	14.7	14.0	13.5	12.9	12.5	12.2	11.5	11.1	11.1	64	
72		15.2	14.4	13.9	13.0	12.4	12.2	11.3	11.1	10.8	10.0	9.9	9.7	72	
80		13.9	13.1	12.8	11.7	11.3	11.1	10.0	9.8	9.8	8.8	8.7	8.6	80	
88		12.6	12.1	11.9	10.5	10.3	10.1	9.0	8.9	8.8	7.7	7.8	7.7	88	
96		11.6	11.1	-	9.7	9.4	9.3	8.2	8.0	8.0	6.9	6.9	7.0	96	
104		10.7	10.4	-	8.7	8.7	8.7	7.4	7.3	7.3	6.2	6.2	6.3	104	
112		9.9	-	-	8.1	7.9	-	6.8	6.8	6.6	5.5	5.7	5.7	112	
120		-	-	-	7.4	7.4	-	6.0	6.0	-	5.0	5.2	5.2	120	
128		-	-	-	6.9	-	-	5.6	5.6	-	4.6	4.6	4.6	128	
136		-	-	-	6.5	-	-	5.2	5.2	-	4.1	4.1	-	136	
144		-	-	-	-	-	-	4.9	4.9	-	3.8	3.8	-	144	
152		-	-	-	-	-	-	4.6	-	-	3.5	3.5	-	152	
160		-	-	-	-	-	-	-	-	-	3.1	3.2	-	160	
176		-	-	-	-	-	-	-	-	-	2.7	-	-	176	

 145.0 ft														
		80.1 ft			99.7 ft			119.4 ft			139.1 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
ft		1,000 lbs												ft
40		30.9	-	-	25.6	-	-	-	-	-	-	-	-	40
48		28.0	-	-	23.2	-	-	19.2	-	-	-	-	-	48
56		25.6	21.3	-	21.0	18.3	-	17.6	-	-	14.4	-	-	56
64		23.4	19.7	17.6	19.1	16.8	-	16.0	14.4	-	13.2	-	-	64
72		21.4	18.3	16.6	17.5	15.5	14.1	14.6	13.3	12.4	12.1	11.3	-	72
80		20.0	17.2	15.7	16.1	14.4	13.3	13.3	12.2	11.3	11.1	10.4	9.8	80
88		18.5	16.2	14.7	15.0	13.4	12.5	12.3	11.2	10.6	10.1	9.4	9.1	88
96		17.2	15.2	14.1	13.8	12.6	11.7	11.3	10.4	9.9	9.3	8.8	8.4	96
104		16.0	14.4	13.3	12.9	11.8	11.1	10.5	9.8	9.3	8.7	8.0	7.8	104
112		14.9	13.6	12.8	11.9	11.0	10.6	9.7	9.0	8.6	7.9	7.5	7.2	112
120		14.1	12.9	12.2	11.1	10.4	10.0	8.9	8.5	8.3	7.3	6.9	6.7	120
128		13.3	12.3	11.7	10.5	9.7	9.5	8.4	7.9	7.7	6.6	6.4	6.3	128
136		12.7	11.8	11.3	9.8	9.2	8.9	7.8	7.4	7.2	6.1	5.9	5.9	136
144		11.9	11.3	10.8	9.3	8.8	8.6	7.3	6.9	6.8	5.7	5.5	5.5	144
152		11.4	10.7	10.5	8.7	8.3	8.1	6.8	6.6	6.5	5.3	5.0	5.0	152
160		10.9	10.3	10.3	8.3	8.0	7.9	6.4	6.2	6.1	4.9	4.8	4.8	160
168		10.4	9.9	8.7	8.0	7.6	7.6	6.0	5.8	5.8	4.5	4.5	4.5	168
176		10.0	9.5	8.0	7.6	7.3	7.3	5.8	5.6	5.6	4.2	4.2	4.2	176
184		9.7	9.4	-	7.2	7.0	6.6	5.5	5.3	5.3	4.0	4.0	4.0	184
192		9.4	9.0	-	6.8	6.8	-	5.2	5.0	4.8	3.7	3.7	3.7	192
200		9.2	8.9	-	6.5	6.5	-	4.8	4.7	4.7	3.4	3.4	3.4	200
208		7.8	-	-	6.3	6.3	-	4.6	4.6	-	3.2	3.2	-	208
216		7.1	-	-	6.2	6.2	-	4.4	4.4	-	3.1	3.1	-	216
224		-	-	-	6.0	4.3	-	4.3	4.2	-	2.8	2.8	-	224
232		-	-	-	3.9	-	-	4.1	3.4	-	2.6	2.6	-	232
240		-	-	-	3.6	-	-	4.0	3.2	-	2.5	2.5	-	240
248		-	-	-	-	-	-	3.8	-	-	2.4	2.3	-	248
264		-	-	-	-	-	-	-	-	-	2.3	-	-	264

Operation

F

 206,800 lbs				 28.5 ft x 27.8 ft				360°				ASME B30.5			
 242.5 ft															
		80.1 ft			99.7 ft			119.4 ft			139.1 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
1,000 lbs															
ft															ft
80	15.2	-	-	12.1	-	-	-	-	-	-	-	-	-	80	
88	15.2	-	-	11.8	-	-	9.2	-	-	-	-	-	-	88	
96	14.9	13.8	-	11.4	10.7	-	8.8	-	-	6.5	-	-	-	96	
104	14.4	13.3	11.9	11.1	10.4	-	8.4	8.0	-	6.2	-	-	-	104	
112	13.9	12.8	11.7	10.8	10.1	9.7	8.1	7.7	7.5	5.9	5.7	5.7	-	112	
120	13.4	12.4	11.2	10.3	9.6	9.4	7.9	7.4	7.2	5.7	5.4	5.4	-	120	
128	13.0	11.9	10.9	10.0	9.4	9.0	7.6	7.2	6.9	5.4	5.2	5.2	-	128	
136	12.5	11.5	10.6	9.6	8.9	8.7	7.2	6.9	6.7	5.1	4.9	4.9	-	136	
144	12.1	11.3	10.4	9.3	8.6	8.4	6.8	6.6	6.4	4.9	4.9	4.6	-	144	
152	11.6	10.8	10.1	8.8	8.3	8.1	6.6	6.4	6.1	4.8	4.6	4.6	-	152	
160	11.1	10.5	9.8	8.5	8.0	7.9	6.3	6.1	6.0	4.5	4.3	4.3	-	160	
168	10.5	10.2	9.6	8.2	7.6	7.6	6.0	5.8	5.8	4.3	4.1	4.1	-	168	
176	10.0	9.8	9.3	7.8	7.3	7.3	5.8	5.6	5.6	4.0	4.0	4.0	-	176	
184	9.5	9.5	9.1	7.5	7.2	7.0	5.6	5.3	5.3	3.9	3.7	3.7	-	184	
192	8.9	9.1	9.0	7.2	7.0	6.8	5.5	5.0	5.0	3.7	3.5	3.5	-	192	
200	8.2	8.4	8.5	6.9	6.7	6.7	5.2	4.9	4.9	3.6	3.4	3.4	-	200	
208	7.5	7.8	7.9	6.5	6.4	6.4	4.9	4.7	4.7	3.4	3.2	3.2	-	208	
216	6.7	7.1	7.1	6.0	6.0	6.0	4.6	4.4	4.4	3.1	3.1	3.1	-	216	
224	5.9	6.3	6.3	5.5	5.5	5.6	4.3	4.2	4.3	3.0	3.0	3.0	-	224	
232	5.1	5.5	5.5	4.9	5.0	5.2	3.9	3.9	4.1	2.8	2.8	2.8	-	232	
240	4.6	4.9	4.9	4.4	4.5	4.8	3.6	3.6	3.8	2.5	2.5	2.7	-	240	
248	4.1	4.3	-	3.8	4.1	4.2	3.3	3.4	3.6	-	-	2.6	-	248	
256	3.5	3.7	-	3.3	3.5	3.5	2.9	3.1	3.3	-	-	-	-	256	
264	2.8	3.1	-	2.8	3.0	3.0	2.5	2.8	2.9	-	-	-	-	264	

 258.5 ft					
		80.1 ft			
		0°	20°	40°	
ft	1,000 lbs				ft
80	12.1	-	-		80
88	12.1	-	-		88
96	12.1	-	-		96
104	12.1	12.1	-		104
112	12.1	12.1	10.1		112
120	12.1	11.6	9.9		120
128	12.0	11.4	9.8		128
136	11.7	11.1	9.5		136
144	11.3	10.6	9.3		144
152	11.0	10.3	9.2		152
160	10.5	10.1	9.0		160
168	10.0	9.8	8.8		168
176	9.4	9.5	8.6		176
184	8.6	8.9	8.4		184
192	7.8	8.2	8.0		192
200	7.1	7.4	7.5		200
208	6.4	6.7	6.9		208
216	5.8	6.0	6.2		216
224	5.1	5.5	5.7		224
232	4.5	4.9	5.1		232
240	3.9	4.2	4.4		240
248	3.4	3.6	3.8		248
256	-	3.1	3.3		256
264	-	2.5	2.6		264

Operation

F

 109,800 lbs				 28.5 ft x 27.8 ft				360°			ASME B30.5			
 47.6 ft														
 ft		80.1 ft			99.7 ft			119.4 ft			139.1 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lbs														
16		46.9	-	-	-	-	-	-	-	-	-	-	-	16
18		44.2	-	-	-	-	-	-	-	-	-	-	-	18
20		41.5	-	-	36.3	-	-	-	-	-	-	-	-	20
24		37.2	-	-	32.7	-	-	29.0	-	-	-	-	-	24
28		33.5	-	-	29.6	-	-	26.2	-	-	23.0	-	-	28
32		30.5	26.7	-	26.8	-	-	23.8	-	-	21.1	-	-	32
36		28.2	24.7	-	24.5	22.4	-	21.9	-	-	19.4	-	-	36
40		25.9	22.9	21.0	22.5	20.7	-	20.0	18.7	-	17.9	-	-	40
48		22.1	20.1	18.7	19.4	17.9	17.1	17.1	16.2	15.6	15.2	14.7	-	48
56		19.2	17.8	16.8	16.8	15.7	15.0	14.9	14.2	13.7	13.1	12.7	12.5	56
64		17.0	16.0	15.3	14.7	14.0	13.5	12.9	12.5	12.2	11.5	11.1	11.1	64
72		15.2	14.4	13.9	13.0	12.4	12.2	11.3	11.1	10.8	10.0	9.9	9.7	72
80		13.9	13.1	12.8	11.7	11.3	11.1	10.0	9.8	9.8	8.8	8.7	8.6	80
88		12.6	12.1	11.9	10.5	10.3	10.1	9.0	8.9	8.8	7.7	7.8	7.7	88
96		11.6	11.1	-	9.7	9.4	9.3	8.2	8.0	8.0	6.9	6.9	7.0	96
104		10.7	10.4	-	8.7	8.7	8.7	7.4	7.3	7.3	6.2	6.2	6.3	104
112		9.9	-	-	8.1	7.9	-	6.8	6.8	6.6	5.5	5.7	5.7	112
120		-	-	-	7.4	7.4	-	6.0	6.0	-	5.0	5.2	5.2	120
128		-	-	-	6.9	-	-	5.6	5.6	-	4.6	4.6	4.6	128
136		-	-	-	6.5	-	-	5.2	5.2	-	4.1	4.1	-	136
144		-	-	-	-	-	-	4.9	4.9	-	3.8	3.8	-	144
152		-	-	-	-	-	-	4.6	-	-	3.5	3.5	-	152
160		-	-	-	-	-	-	-	-	-	3.1	3.2	-	160
168		-	-	-	-	-	-	-	-	-	3.0	-	-	168
176		-	-	-	-	-	-	-	-	-	2.7	-	-	176

 145.0 ft														
 ft		80.1 ft			99.7 ft			119.4 ft			139.1 ft			
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lbs														
40		30.9	-	-	25.6	-	-	-	-	-	-	-	-	40
48		28.0	-	-	23.2	-	-	19.2	-	-	-	-	-	48
56		25.6	21.3	-	21.0	18.3	-	17.6	-	-	14.4	-	-	56
64		23.4	19.7	17.6	19.1	16.8	-	16.0	14.4	-	13.2	-	-	64
72		21.4	18.3	16.6	17.5	15.5	14.1	14.6	13.3	12.4	12.1	11.3	-	72
80		20.0	17.2	15.7	16.1	14.4	13.3	13.3	12.2	11.3	11.1	10.4	9.8	80
88		18.5	16.2	14.7	15.0	13.4	12.5	12.3	11.2	10.6	10.1	9.4	9.1	88
96		17.2	15.2	14.1	13.8	12.6	11.7	11.3	10.4	9.9	9.3	8.8	8.4	96
104		16.0	14.4	13.3	12.9	11.8	11.1	10.5	9.8	9.3	8.7	8.0	7.8	104
112		14.9	13.6	12.8	11.9	11.0	10.6	9.7	9.0	8.6	7.9	7.5	7.2	112
120		14.1	12.9	12.2	11.1	10.4	10.0	8.9	8.5	8.3	7.3	6.9	6.7	120
128		13.3	12.3	11.7	10.5	9.7	9.5	8.4	7.9	7.7	6.6	6.4	6.3	128
136		12.7	11.8	11.3	9.8	9.2	8.9	7.8	7.4	7.2	6.1	5.9	5.9	136
144		11.9	11.3	10.8	9.3	8.8	8.6	7.3	6.9	6.8	5.7	5.5	5.5	144
152		11.4	10.7	10.5	8.7	8.3	8.1	6.8	6.6	6.5	5.3	5.0	5.0	152
160		10.9	10.3	10.3	8.3	8.0	7.9	6.4	6.2	6.1	4.9	4.8	4.8	160
168		10.3	9.9	8.7	8.0	7.6	7.6	6.0	5.8	5.8	4.5	4.5	4.5	168
176		9.8	9.5	8.0	7.6	7.3	7.3	5.8	5.6	5.6	4.2	4.2	4.2	176
184		8.8	8.8	-	7.0	6.8	6.6	5.4	5.3	5.3	4.0	4.0	4.0	184
192		8.2	8.2	-	6.8	6.6	-	5.0	5.0	4.8	3.7	3.7	3.7	192
200		7.5	7.6	-	6.5	6.3	-	4.7	4.7	4.7	3.4	3.4	3.4	200
208		6.9	-	-	6.2	6.1	-	4.5	4.5	-	3.2	3.2	-	208
216		6.2	-	-	5.8	6.0	-	4.2	4.2	-	2.9	2.9	-	216
224		-	-	-	5.2	4.3	-	4.1	4.1	-	2.7	2.7	-	224
232		-	-	-	3.9	-	-	3.9	3.4	-	2.6	2.6	-	232
240		-	-	-	3.6	-	-	3.8	3.2	-	2.5	2.5	-	240
248		-	-	-	-	-	-	3.0	-	-	2.3	2.3	-	248

Operation

F

 109,800 lbs				 28.5 ft x 27.8 ft				360°				ASME B30.5			
 242.5 ft															
		80.1 ft			99.7 ft			119.4 ft			139.1 ft				
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
ft		1,000 lbs												ft	
80		15.2	-	-	12.1	-	-	-	-	-	-	-	-	-	80
88		15.2	-	-	11.8	-	-	9.2	-	-	-	-	-	-	88
96		14.9	13.8	-	11.4	10.7	-	8.8	-	-	6.5	-	-	-	96
104		14.4	13.3	11.9	11.1	10.4	-	8.4	8.0	-	6.2	-	-	-	104
112		13.9	12.8	11.7	10.8	10.1	9.7	8.1	7.7	7.5	5.9	5.7	5.7	-	112
120		13.4	12.4	11.2	10.3	9.6	9.4	7.9	7.4	7.2	5.7	5.4	5.4	-	120
128		12.7	11.9	10.9	10.0	9.4	9.0	7.6	7.2	6.9	5.4	5.2	5.2	-	128
136		11.8	11.5	10.6	9.6	8.9	8.7	7.2	6.9	6.7	5.1	4.9	4.9	-	136
144		10.0	11.0	10.4	9.1	8.6	8.4	6.8	6.6	6.4	4.9	4.9	4.6	-	144
152		8.2	9.9	9.9	7.7	8.2	8.1	6.2	6.4	6.1	4.8	4.6	4.6	-	152
160		6.6	8.1	9.3	6.2	6.5	7.7	4.6	6.0	6.0	4.1	4.3	4.3	-	160
168		5.3	6.6	7.9	4.8	5.1	6.5	-	5.0	5.6	-	3.8	4.1	-	168
176		3.9	5.3	6.4	3.5	3.7	5.1	-	3.5	4.7	-	3.0	4.0	-	176
184		-	4.0	5.0	-	-	3.7	-	-	3.6	-	-	-	-	184

 258.5 ft					
		80.1 ft			
		0°	20°	40°	
ft	1,000 lbs				ft
80	12.1	-	-	80	
88	12.1	-	-	88	
96	12.1	-	-	96	
104	12.1	12.1	-	104	
112	12.1	12.1	10.1	112	
120	12.1	11.6	9.9	120	
128	11.7	11.4	9.8	128	
136	10.0	11.1	9.5	136	
144	7.8	9.8	9.3	144	
152	6.2	7.9	9.1	152	
160	4.6	6.3	7.6	160	
168	-	4.8	6.1	168	
176	-	3.5	4.6	176	
184	-	-	3.3	184	

SF

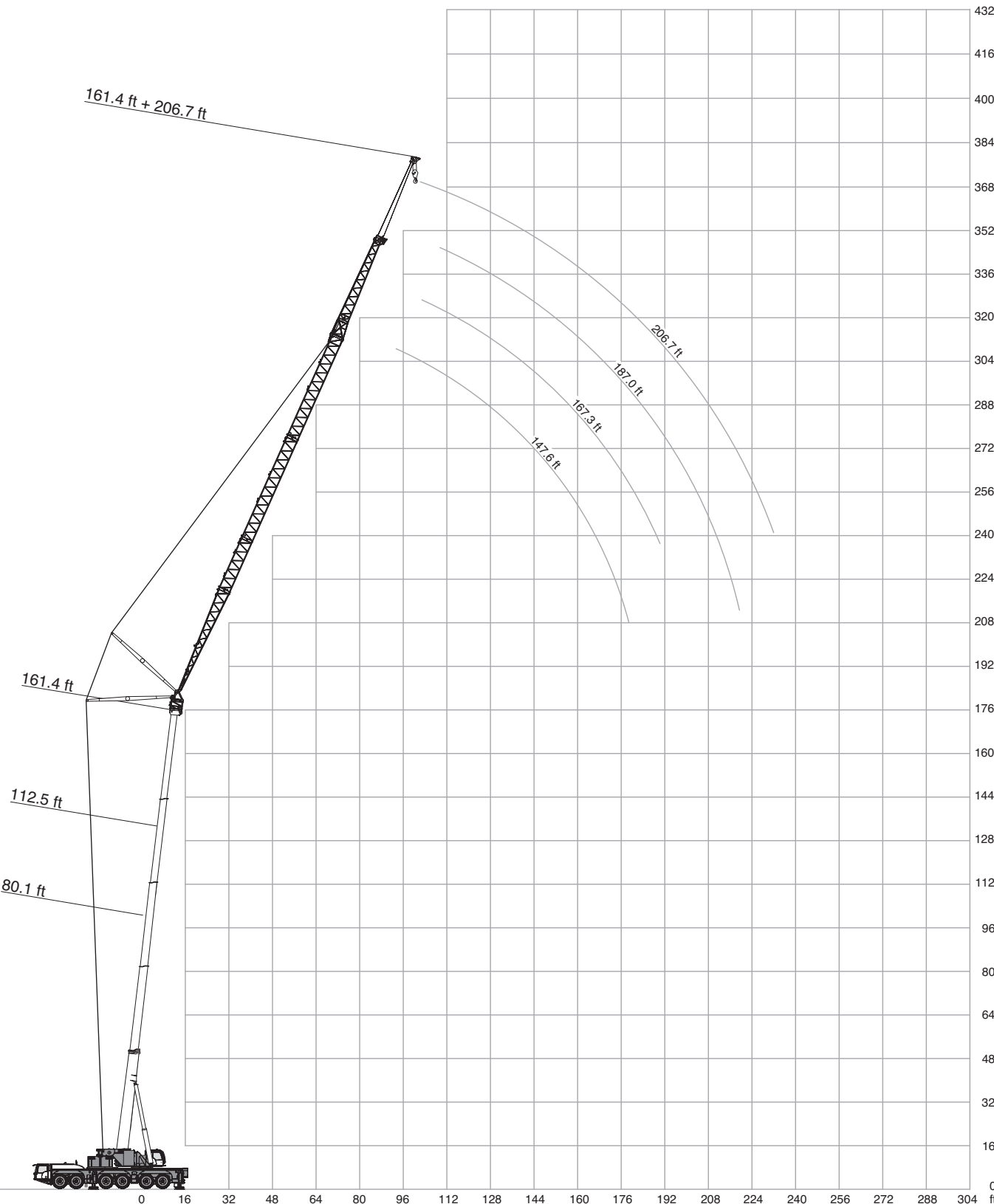


 206,800 lbs					 28.5 ft x 27.8 ft					360°					ASME B30.5				
 47.6 ft										 145.0 ft									
		47.9 ft	67.6 ft	87.3 ft	107.0 ft								47.9 ft	67.6 ft	87.3 ft	107.0 ft			
0°										0°									
ft		1,000 lbs				ft		1,000 lbs				ft		1,000 lbs					
14		60.6	-	-	-	36		44.9	-	-	-	40		42.7	33.7	27.8	-		
16		56.9	-	-	-	48		39.0	30.5	24.9	21.0	56		35.7	27.8	22.6	19.0		
18		53.8	46.4	-	-	64		33.0	25.6	20.7	17.3	72		30.3	23.6	19.0	15.7		
20		50.7	43.5	38.5	-	80		27.6	22.0	17.6	14.4	88		25.4	20.4	16.4	13.3		
24		45.8	39.0	34.4	-	96		23.5	18.9	15.2	12.4	104		21.8	17.8	14.0	11.6		
28		41.6	35.2	31.0	27.6	112		20.4	16.7	13.2	10.8	120		19.1	15.9	12.4	10.0		
32		38.0	32.1	28.1	25.0	128		18.1	15.1	11.7	9.3	136		17.2	14.3	11.0	8.7		
36		34.7	29.6	25.7	22.9	144		16.1	13.7	10.4	8.2	152		15.4	13.2	9.9	7.7		
40		31.6	27.2	23.6	20.9	160		14.7	12.6	9.5	7.3	168		14.1	12.1	9.1	6.9		
48		26.7	23.4	20.4	18.0	176		13.7	11.7	8.7	6.5	184		8.4	11.5	8.3	6.2		
56		22.8	20.5	17.7	15.8	192		-	10.8	7.9	5.9	200		-	9.7	7.8	5.6		
64		19.8	18.3	15.6	13.7	208		-	-	7.6	5.4	216		-	-	7.5	5.3		
72		17.5	16.6	13.9	11.9	224		-	-	4.7	5.2	232		-	-	-	5.1		
80		15.4	15.0	12.6	10.8	240		-	-	-	5.1								
88		-	13.7	11.4	9.6														
96		-	12.7	10.5	8.8														
104		-	12.0	9.6	8.0														
112		-	-	8.8	7.2														
120		-	-	8.3	6.7														
128		-	-	-	6.2														
136		-	-	-	5.8														
144		-	-	-	5.5														

 242.5 ft											
		47.9 ft	67.6 ft	87.3 ft	107.0 ft						
0°											
ft		1,000 lbs				ft		1,000 lbs			
80		22.5	18.0	14.2	-						
88		22.5	17.7	13.7	10.6						
96		22.1	17.0	13.3	10.2						
104		21.3	16.4	12.9	9.8						
112		20.5	15.8	12.3	9.5						
120		19.7	15.3	11.8	9.2						
128		18.7	14.8	11.5	8.8						
136		17.7	14.2	10.9	8.4						
144		16.4	13.9	10.6	8.2						
152		15.0	13.1	10.1	7.7						
160		13.7	12.4	9.8	7.4						
168		12.5	11.7	9.3	7.1						
176		11.4	10.9	9.1	6.7						
184		10.3	10.1	8.8	6.4						
192		9.3	9.3	8.5	6.1						
200		8.5	8.5	8.1	6.0						
208		7.7	7.7	7.5	5.7						
216		6.9	6.9	6.7	5.3						
224		6.2	6.1	6.0	4.9						
232		5.5	5.4	5.3	4.5						
240		4.9	4.8	4.6	4.1						
248		4.1	4.2	4.1	3.7						
256		3.5	3.5	3.5	3.3						
264		3.1	2.7	3.0	2.8						

109,800 lbs					28.5 ft x 27.8 ft					360°					ASME B30.5				
 47.6 ft										 145.0 ft									
  47.9 ft 67.6 ft 87.3 ft 107.0 ft										  47.9 ft 67.6 ft 87.3 ft 107.0 ft									
0°										0°									
ft 1,000 lbs										ft 1,000 lbs									
14	60.6	-	-	-						36	44.9	-	-	-					
16	56.9	-	-	-						40	42.7	33.7	27.8	-					
18	53.8	46.4	-	-						48	39.0	30.5	24.9	21.0					
20	50.7	43.5	38.5	-						56	35.7	27.8	22.6	19.0					
24	45.8	39.0	34.4	-						64	33.0	25.6	20.7	17.3					
28	41.6	35.2	31.0	27.6						72	30.3	23.6	19.0	15.7					
32	38.0	32.1	28.1	25.0						80	27.6	22.0	17.6	14.4					
36	34.7	29.6	25.7	22.9						88	25.4	20.4	16.4	13.3					
40	31.6	27.2	23.6	20.9						96	23.5	18.9	15.2	12.4					
48	26.7	23.4	20.4	18.0						104	21.8	17.8	14.0	11.6					
56	22.8	20.5	17.7	15.8						112	20.4	16.7	13.2	10.8					
64	19.8	18.3	15.6	13.7						120	19.1	15.9	12.4	10.0					
72	17.5	16.6	13.9	11.9						128	17.7	15.1	11.7	9.3					
80	15.4	15.0	12.6	10.8						136	16.6	14.3	11.0	8.7					
88	-	13.7	11.4	9.6						144	15.7	13.7	10.4	8.2					
96	-	12.7	10.5	8.8						152	13.9	12.9	9.9	7.7					
104	-	12.0	9.6	8.0						160	12.6	12.3	9.4	7.3					
112	-	-	8.8	7.2						168	11.7	11.2	8.8	6.9					
120	-	-	8.3	6.7						176	10.3	9.8	8.4	6.5					
128	-	-	-	6.2						184	8.4	9.1	8.1	6.2					
136	-	-	-	5.8						192	-	8.4	7.7	5.9					
144	-	-	-	5.5						200	-	7.7	7.4	5.6					
										208	-	-	6.8	5.2					
										216	-	-	6.2	5.1					
										224	-	-	4.7	4.8					
										232	-	-	-	4.6					
										240	-	-	-	4.3					

 242.5 ft									
  47.9 ft 67.6 ft 87.3 ft 107.0 ft									
0°									
ft 1,000 lbs									
80	22.5	18.0	14.2	-					
88	22.5	17.7	13.7	10.6					
96	22.1	17.0	13.3	10.2					
104	21.3	16.4	12.9	9.8					
112	19.4	15.8	12.3	9.5					
120	17.7	15.1	11.8	9.2					
128	15.0	14.2	11.5	8.8					
136	12.6	12.2	10.7	8.4					
144	10.5	10.0	10.0	8.2					
152	8.3	8.3	8.2	6.4					
160	6.5	6.6	6.5	4.8					
168	5.0	5.3	5.1	-					
176	3.5	3.9	3.7	-					



360°													ASME B30.5	
 80.1 ft														
		147.6 ft			167.3 ft			187.0 ft			206.7 ft			
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft				1,000 lbs										ft
56		14.6	-	-	13.7	-	-	-	-	-	-	-	-	56
64		14.0	-	-	13.1	-	-	12.0	-	-	-	-	-	64
72		13.2	-	-	12.6	-	-	11.5	-	-	10.1	-	-	72
80		12.7	-	-	12.0	-	-	11.2	-	-	9.9	-	-	80
88		12.2	-	-	11.6	-	-	10.7	-	-	9.6	-	-	88
96		11.6	12.3	-	11.2	-	-	10.4	-	-	9.3	-	-	96
104		11.1	11.8	-	10.8	11.3	-	10.2	-	-	9.1	-	-	104
112		10.6	11.2	-	10.6	10.8	-	9.9	10.1	-	8.8	-	-	112
120		10.0	10.9	11.3	10.1	10.5	-	9.6	9.9	-	8.8	8.8	-	120
128		9.5	10.4	10.9	9.8	10.2	-	9.4	9.6	-	8.5	8.7	-	128
136		8.9	9.8	10.5	9.5	10.0	10.2	9.1	9.3	-	8.2	8.4	-	136
144		8.4	9.3	9.9	9.3	9.7	9.9	9.0	9.1	9.3	8.2	8.4	-	144
152		-	8.8	9.4	8.8	9.4	9.7	8.8	9.0	9.0	7.9	8.2	-	152
160		-	8.4	9.1	8.5	9.0	9.4	8.6	8.7	9.0	7.9	7.9	8.1	160
168		-	-	8.6	-	8.7	9.1	8.5	8.5	8.8	7.9	7.9	7.9	168
176		-	-	-	-	8.4	8.9	8.4	8.4	8.6	7.7	7.7	7.7	176
184		-	-	-	-	-	8.6	-	8.4	8.4	7.7	7.7	7.7	184
192		-	-	-	-	-	-	-	8.2	8.3	7.7	7.7	7.7	192
200		-	-	-	-	-	-	-	8.2	8.2	7.7	7.6	7.6	200
208		-	-	-	-	-	-	-	-	8.2	-	7.5	7.5	208
216		-	-	-	-	-	-	-	-	-	-	7.5	7.5	216
224		-	-	-	-	-	-	-	-	-	-	-	7.5	224

 112.5 ft														
 		147.6 ft			167.3 ft			187.0 ft			206.7 ft			
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft				1,000 lbs										ft
56		14.1	-	-	-	-	-	-	-	-	-	-	-	56
64		13.6	-	-	12.5	-	-	-	-	-	-	-	-	64
72		13.0	-	-	12.1	-	-	10.8	-	-	9.5	-	-	72
80		12.5	-	-	11.6	-	-	10.5	-	-	9.2	-	-	80
88		11.9	-	-	11.3	-	-	10.3	-	-	9.0	-	-	88
96		11.4	-	-	10.9	-	-	10.0	-	-	8.9	-	-	96
104		11.1	11.8	-	10.6	-	-	9.7	-	-	8.6	-	-	104
112		10.6	11.2	-	10.1	10.6	-	9.5	-	-	8.4	-	-	112
120		10.0	10.9	-	9.9	10.3	-	9.3	-	-	8.3	-	-	120
128		9.6	10.5	-	9.6	10.0	-	8.9	9.3	-	8.2	8.2	-	128
136		9.2	10.2	-	9.3	9.8	-	8.8	9.1	-	7.9	8.0	-	136
144		8.6	9.7	10.4	9.1	9.5	-	8.6	8.8	-	7.7	7.9	-	144
152		-	9.4	9.9	8.8	9.2	9.4	8.4	8.6	-	7.7	7.7	-	152
160		-	9.0	9.6	8.5	9.0	9.3	8.4	8.4	-	7.5	7.6	-	160
168		-	8.6	9.3	-	8.8	9.1	8.3	8.3	8.5	7.5	7.5	-	168
176		-	-	8.9	-	8.6	8.9	8.2	8.2	8.2	7.3	7.3	7.5	176
184		-	-	8.6	-	8.4	8.7	8.0	8.0	8.2	7.3	7.3	7.4	184
192		-	-	-	-	-	8.6	-	7.9	8.1	7.3	7.2	7.2	192
200		-	-	-	-	-	8.4	-	7.9	8.0	7.3	7.1	7.1	200
208		-	-	-	-	-	-	-	7.9	7.9	-	7.1	7.1	208
216		-	-	-	-	-	-	-	-	7.9	-	7.1	7.1	216
224		-	-	-	-	-	-	-	-	7.9	-	7.1	7.1	224
232		-	-	-	-	-	-	-	-	-	-	-	7.1	232
240		-	-	-	-	-	-	-	-	-	-	-	7.1	240

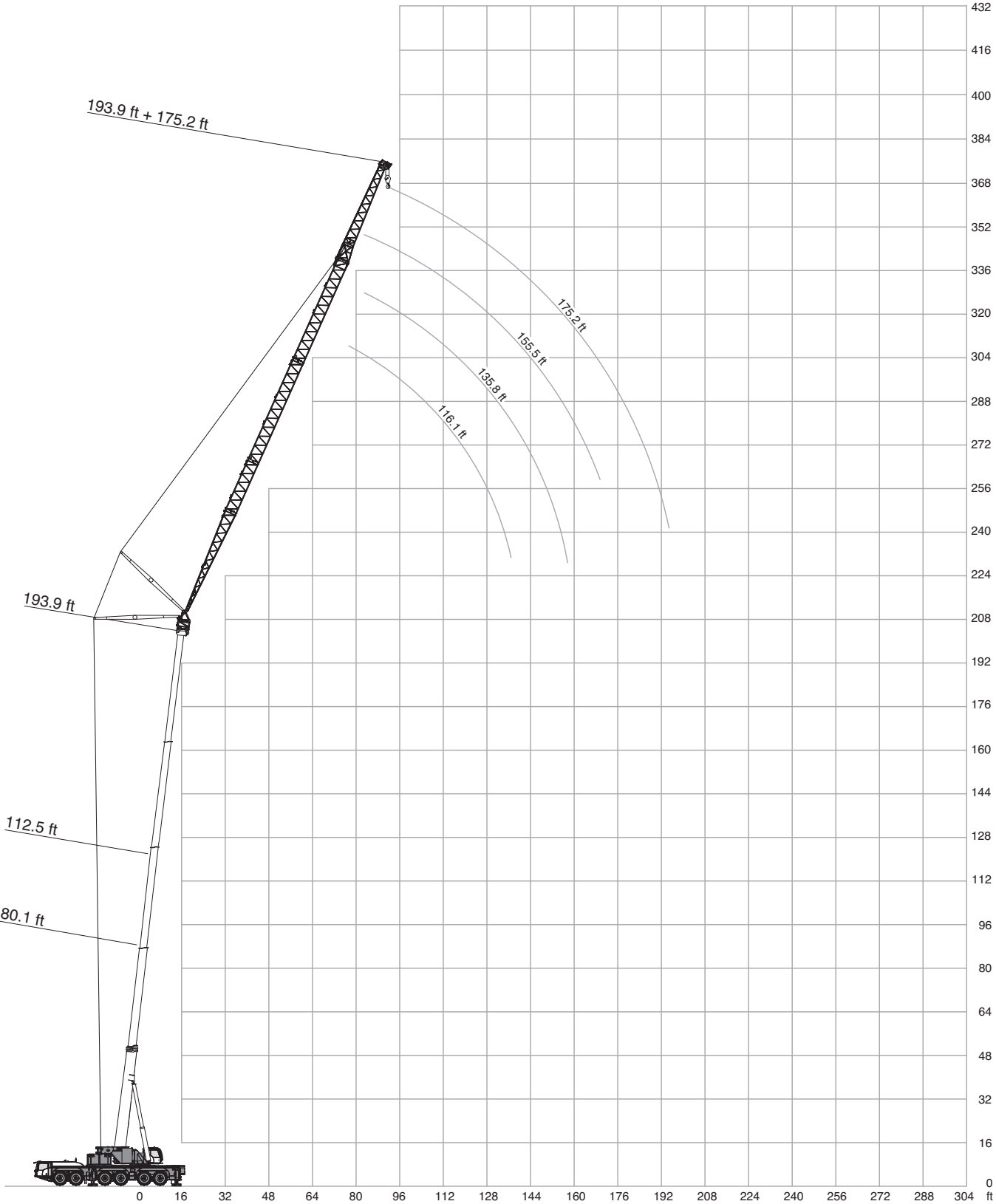
85,800 lbs 109,800 lbs 158,300 lbs

360°													ASME B30.5
145.0 ft													
		147.6 ft			167.3 ft			187.0 ft			206.7 ft		
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°
ft		1,000 lbs											ft
64		12.7	-	-	-	-	-	-	-	-	-	-	64
72		12.4	-	-	11.2	-	-	-	-	-	-	-	72
80		11.8	-	-	10.8	-	-	9.7	-	-	8.3	-	80
88		11.4	-	-	10.5	-	-	9.4	-	-	8.1	-	88
96		11.0	-	-	10.2	-	-	9.1	-	-	7.9	-	96
104		10.6	-	-	10.0	-	-	9.0	-	-	7.7	-	104
112		10.3	-	-	9.7	-	-	8.8	-	-	7.7	-	112
120		9.9	10.5	-	9.4	-	-	8.5	-	-	7.5	-	120
128		9.6	10.2	-	9.3	9.5	-	8.4	-	-	7.4	-	128
136		9.3	10.0	-	8.9	9.3	-	8.2	-	-	7.3	-	136
144		8.8	9.7	-	8.8	9.1	-	8.2	8.2	-	7.1	-	144
152		8.5	9.4	-	8.6	8.8	-	7.9	8.1	-	7.0	7.1	152
160		-	9.2	9.6	8.4	8.7	-	7.9	7.9	-	6.8	7.0	160
168		-	8.9	9.3	8.2	8.5	-	7.7	7.9	-	6.8	6.8	168
176		-	8.6	9.1	8.2	8.4	8.6	7.7	7.7	-	6.8	6.8	176
184		-	-	8.8	-	8.3	8.4	7.7	7.5	7.7	6.7	6.7	184
192		-	-	8.6	-	8.1	8.2	-	7.5	7.5	6.6	6.6	192
200		-	-	8.4	-	8.0	8.2	-	7.5	7.3	6.6	6.6	200
208		-	-	-	-	-	8.1	-	7.5	7.3	6.6	6.5	208
216		-	-	-	-	-	7.9	-	7.5	7.3	6.6	6.4	216
224		-	-	-	-	-	-	-	-	7.3	-	6.4	224
232		-	-	-	-	-	-	-	-	7.3	-	6.4	232
240		-	-	-	-	-	-	-	-	7.3	-	6.4	240
248		-	-	-	-	-	-	-	-	-	-	6.4	248

193.9 ft													
		147.6 ft			167.3 ft			187.0 ft			206.7 ft		
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°*	73°*	65°*
ft		1,000 lbs											ft
80		9.0	-	-	-	-	-	-	-	-	-	-	80
88		8.8	-	-	7.3	-	-	-	-	-	7.3	-	88
96		8.7	-	-	7.3	-	-	5.5	-	-	7.1	-	96
104		8.4	-	-	7.3	-	-	5.5	-	-	7.1	-	104
112		8.2	-	-	7.3	-	-	5.5	-	-	6.8	-	112
120		8.1	-	-	7.1	-	-	5.4	-	-	6.8	-	120
128		7.9	-	-	6.9	-	-	5.3	-	-	6.7	-	128
136		7.8	-	-	6.8	-	-	5.3	-	-	6.6	-	136
144		7.7	-	-	6.8	-	-	5.3	-	-	6.6	-	144
152		7.5	7.7	-	6.6	-	-	5.3	-	-	6.4	-	152
160		7.5	7.6	-	6.6	-	-	5.3	-	-	6.4	6.2	160
168		-	7.4	-	6.6	6.5	-	5.3	-	-	6.3	6.2	168
176		-	7.3	-	6.6	6.4	-	5.3	5.3	-	6.2	6.2	176
184		-	7.3	-	-	6.4	-	5.3	5.3	-	6.2	6.1	184
192		-	-	-	-	6.4	-	5.3	5.3	-	6.2	6.0	192
200		-	-	-	-	6.2	-	5.3	5.1	-	6.2	6.0	200
208		-	-	6.0	-	6.2	-	-	5.1	-	6.2	6.0	208
216		-	-	5.7	-	6.2	-	-	5.1	-	6.2	6.0	216
224		-	-	-	-	-	4.4	-	4.9	-	-	6.0	224
232		-	-	-	-	-	4.1	-	-	3.3	-	6.0	232
240		-	-	-	-	-	4.0	-	-	3.1	-	6.0	240
248		-	-	-	-	-	-	-	-	2.9	-	-	248
256		-	-	-	-	-	-	-	-	-	-	-	256
264		-	-	-	-	-	-	-	-	-	-	-	264

85,800 lbs 109,800 lbs 158,300 lbs 206,800 lbs

*161.4 ft



360°													ASME B30.5
80.1 ft													
	116.1 ft			135.8 ft			155.5 ft			175.2 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft	1,000 lbs												ft
48	36.2	-	-	30.1	-	-	-	-	-	-	-	-	48
56	33.8	-	-	29.3	-	-	23.1	-	-	18.1	-	-	56
64	31.0	-	-	28.6	-	-	22.6	-	-	17.5	-	-	64
72	28.1	-	-	27.6	-	-	22.3	-	-	17.2	-	-	72
80	25.6	30.0	-	26.2	-	-	21.7	-	-	16.9	-	-	80
88	23.4	27.4	-	24.8	26.3	-	21.3	-	-	16.6	-	-	88
96	21.7	25.1	-	23.3	25.4	-	20.9	20.7	-	16.2	-	-	96
104	20.0	23.0	25.8	22.0	24.2	-	20.5	20.1	-	15.9	15.7	-	104
112	18.7	21.3	23.7	20.7	22.8	-	20.3	19.8	-	15.6	15.4	-	112
120	-	19.7	21.9	19.4	21.5	23.3	19.9	19.4	-	15.4	14.9	-	120
128	-	18.5	20.3	18.5	20.3	21.9	19.1	19.3	18.8	15.1	14.7	-	128
136	-	-	19.0	-	19.2	20.7	18.4	18.9	18.4	14.9	14.5	14.3	136
144	-	-	17.9	-	18.3	19.5	17.7	18.5	18.1	14.6	14.3	14.1	144
152	-	-	-	-	-	18.6	17.1	18.2	18.1	14.5	14.1	13.9	152
160	-	-	-	-	-	17.7	-	17.6	18.0	14.2	14.1	13.7	160
168	-	-	-	-	-	-	-	-	17.7	13.9	14.1	13.6	168
176	-	-	-	-	-	-	-	-	17.3	-	14.1	13.4	176
184	-	-	-	-	-	-	-	-	-	-	14.1	13.4	184
192	-	-	-	-	-	-	-	-	-	-	-	13.4	192
200	-	-	-	-	-	-	-	-	-	-	-	13.4	200

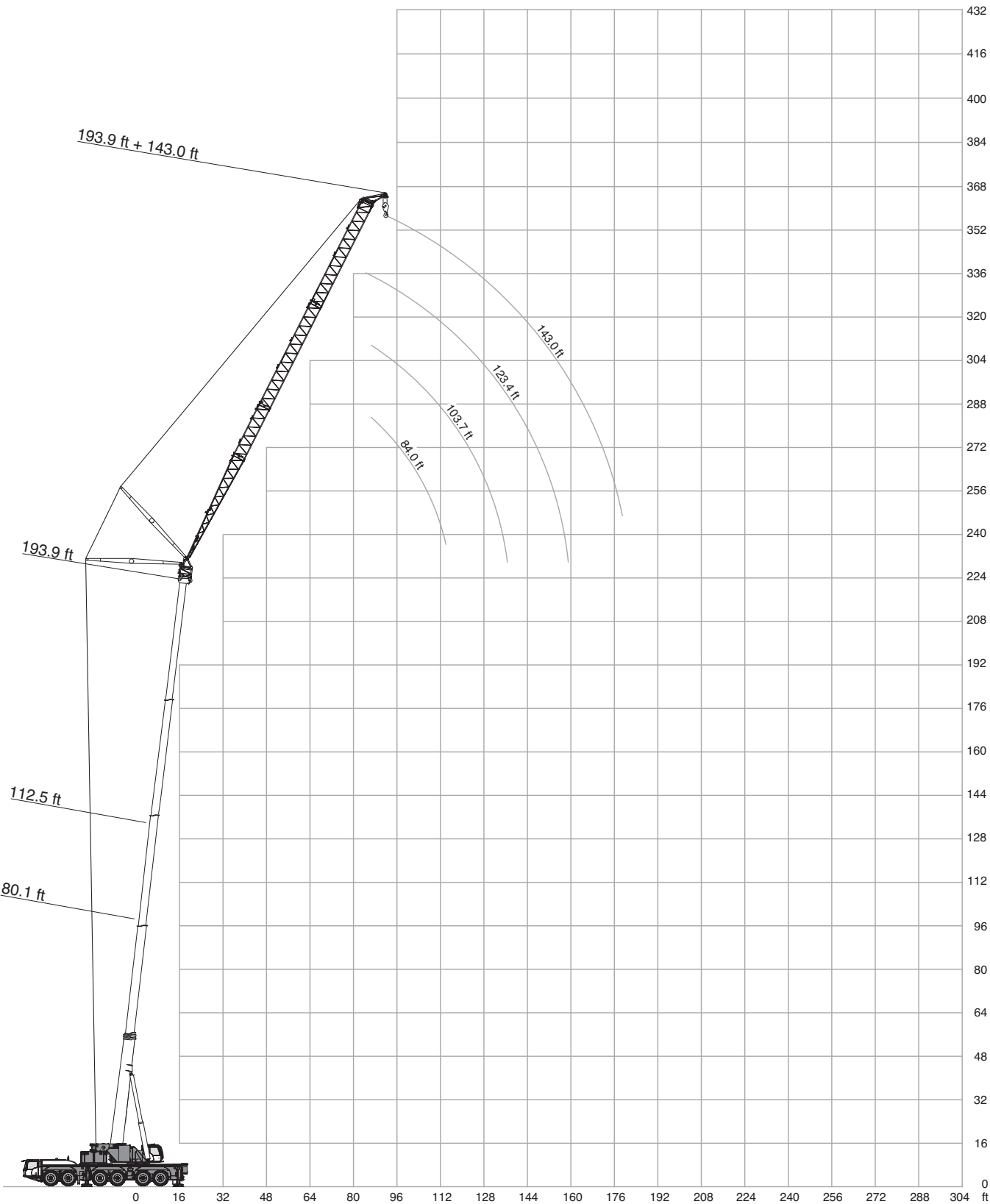
112.5 ft													
	116.1 ft			135.8 ft			155.5 ft			175.2 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft	1,000 lbs												ft
48	33.2	-	-	-	-	-	-	-	-	-	-	-	48
56	32.2	-	-	25.9	-	-	20.3	-	-	-	-	-	56
64	30.7	-	-	25.5	-	-	20.0	-	-	15.4	-	-	64
72	28.7	-	-	25.1	-	-	19.6	-	-	15.2	-	-	72
80	26.3	-	-	24.6	-	-	19.4	-	-	14.7	-	-	80
88	24.3	-	-	24.3	-	-	19.1	-	-	14.6	-	-	88
96	22.4	27.2	-	23.3	-	-	18.8	-	-	14.4	-	-	96
104	20.7	25.2	-	22.0	23.0	-	18.6	-	-	14.1	-	-	104
112	19.3	23.3	-	20.9	22.5	-	18.3	17.8	-	13.9	-	-	112
120	18.2	21.4	-	19.8	21.9	-	18.0	17.6	-	13.7	13.6	-	120
128	-	20.1	23.0	18.7	21.0	-	17.9	17.3	-	13.6	13.3	-	128
136	-	18.8	21.3	17.8	20.1	21.1	17.7	17.0	-	13.4	13.2	-	136
144	-	17.7	19.9	17.0	19.2	20.5	17.4	17.0	-	13.2	13.0	-	144
152	-	-	18.6	-	18.2	20.0	17.1	17.0	16.3	13.2	12.8	-	152
160	-	-	-	-	17.5	19.1	16.6	17.0	16.1	12.9	12.8	12.5	160
168	-	-	-	-	-	18.1	-	16.9	16.1	12.7	12.8	12.3	168
176	-	-	-	-	-	17.3	-	16.8	16.1	12.6	12.8	12.1	176
184	-	-	-	-	-	-	-	-	16.1	-	12.8	12.1	184
192	-	-	-	-	-	-	-	-	-	-	12.8	12.1	192
200	-	-	-	-	-	-	-	-	-	-	12.8	12.1	200
208	-	-	-	-	-	-	-	-	-	-	-	12.1	208
216	-	-	-	-	-	-	-	-	-	-	-	12.1	216

58,800 lbs 85,800 lbs 109,800 lbs 158,300 lbs

360°													ASME B30.5
145.0 ft													
	116.1 ft			135.8 ft			155.5 ft			175.2 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft	1,000 lbs												ft
56	26.9	-	-	-	-	-	-	-	-	-	-	-	56
64	26.5	-	-	21.1	-	-	-	-	-	-	-	-	64
72	26.2	-	-	20.7	-	-	16.8	-	-	13.2	-	-	72
80	25.2	-	-	20.5	-	-	16.5	-	-	13.0	-	-	80
88	24.2	-	-	20.2	-	-	16.2	-	-	12.7	-	-	88
96	22.8	-	-	20.1	-	-	16.0	-	-	12.4	-	-	96
104	21.3	-	-	19.9	-	-	15.9	-	-	12.2	-	-	104
112	20.0	23.6	-	19.8	-	-	15.6	-	-	12.1	-	-	112
120	18.7	22.9	-	19.4	18.9	-	15.4	-	-	11.8	-	-	120
128	-	21.7	-	18.6	18.6	-	15.3	14.9	-	11.7	-	-	128
136	-	20.4	-	18.0	18.5	-	15.2	14.6	-	11.5	11.3	-	136
144	-	19.2	-	17.2	18.3	-	15.0	14.3	-	11.5	11.2	-	144
152	-	-	21.0	-	18.2	-	15.0	14.3	-	11.2	11.0	-	152
160	-	-	19.7	-	17.8	17.3	14.8	14.2	-	11.2	10.8	-	160
168	-	-	-	-	-	17.2	-	14.1	13.7	11.2	10.8	-	168
176	-	-	-	-	-	17.2	-	14.1	13.5	11.0	10.8	-	176
184	-	-	-	-	-	17.1	-	14.1	13.4	-	10.8	10.2	184
192	-	-	-	-	-	-	-	-	13.4	-	10.8	10.1	192
200	-	-	-	-	-	-	-	-	13.4	-	10.8	10.1	200
208	-	-	-	-	-	-	-	-	-	-	-	10.1	208
216	-	-	-	-	-	-	-	-	-	-	-	10.1	216
224	-	-	-	-	-	-	-	-	-	-	-	10.1	224

193.9 ft													
	116.1 ft			135.8 ft			155.5 ft			175.2 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft	1,000 lbs												ft
72	15.0	-	-	-	-	-	-	-	-	-	-	-	72
80	14.8	-	-	11.7	-	-	9.0	-	-	-	-	-	80
88	14.8	-	-	11.6	-	-	8.9	-	-	6.6	-	-	88
96	14.8	-	-	11.5	-	-	8.8	-	-	6.5	-	-	96
104	14.6	-	-	11.5	-	-	8.8	-	-	6.4	-	-	104
112	14.5	-	-	11.5	-	-	8.8	-	-	6.4	-	-	112
120	14.3	-	-	11.5	-	-	8.8	-	-	6.4	-	-	120
128	14.2	-	-	11.4	-	-	8.8	-	-	6.4	-	-	128
136	-	-	-	11.2	-	-	8.8	-	-	6.4	-	-	136
144	-	13.2	-	11.2	-	-	8.8	-	-	6.4	-	-	144
152	-	12.7	-	-	10.8	-	8.8	-	-	6.4	-	-	152
160	-	12.2	-	-	10.5	-	8.6	8.4	-	6.4	-	-	160
168	-	-	-	-	10.2	-	-	8.3	-	6.4	6.2	-	168
176	-	-	-	-	9.8	-	-	8.2	-	6.4	6.0	-	176
184	-	-	8.7	-	-	-	-	7.9	-	6.4	6.0	-	184
192	-	-	-	-	-	-	-	7.7	-	-	5.9	-	192
200	-	-	-	-	-	6.7	-	7.4	-	-	5.8	-	200
208	-	-	-	-	-	-	-	-	5.3	-	5.7	-	208
216	-	-	-	-	-	-	-	-	5.1	-	5.5	-	216
224	-	-	-	-	-	-	-	-	4.8	-	-	3.7	224
232	-	-	-	-	-	-	-	-	-	-	-	3.4	232
240	-	-	-	-	-	-	-	-	-	-	-	3.2	240

58,800 lbs 85,800 lbs 109,800 lbs 158,300 lbs 206,800 lbs



360°													ASME B30.5	
 80.1 ft														
		84.0 ft			103.7 ft			123.4 ft			143.0 ft			
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
ft				1,000 lbs										ft
40	-	-	-	47.3	-	-	-	-	-	-	-	-	-	40
48	62.1	-	-	45.9	-	-	35.2	-	-	-	-	-	-	48
56	60.6	-	-	44.4	-	-	34.1	-	-	26.3	-	-	-	56
64	59.7	-	-	43.4	-	-	33.2	-	-	25.5	-	-	-	64
72	58.9	-	-	42.6	-	-	32.4	-	-	24.7	-	-	-	72
80	55.3	53.0	-	42.0	40.0	-	31.7	-	-	24.2	-	-	-	80
88	-	52.7	-	41.4	39.0	-	31.2	30.4	-	23.6	-	-	-	88
96	-	52.7	47.6	40.2	38.3	-	30.8	29.6	-	23.1	22.9	-	-	96
104	-	-	47.4	36.5	38.1	36.1	30.3	28.9	-	22.6	22.1	-	-	104
112	-	-	-	-	38.1	35.5	29.7	28.4	27.7	22.0	21.8	-	-	112
120	-	-	-	-	-	35.5	28.5	28.4	27.2	21.5	21.4	-	-	120
128	-	-	-	-	-	35.5	-	28.4	26.9	20.7	21.1	20.6	-	128
136	-	-	-	-	-	-	-	28.4	26.7	20.3	20.8	20.2	-	136
144	-	-	-	-	-	-	-	-	26.7	20.1	20.3	20.1	-	144
152	-	-	-	-	-	-	-	-	-	-	20.0	19.8	-	152
160	-	-	-	-	-	-	-	-	-	-	-	19.8	-	160
	42,300 lbs	58,800 lbs	85,800 lbs	109,800 lbs	158,300 lbs	206,800 lbs								

360°														ASME B30.5	
 112.5 ft															
 		84.0 ft			103.7 ft			123.4 ft			143.0 ft				
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°		
ft				1,000 lbs										ft	
48		53.0	-	-	40.1	-	-	-	-	-	-	-	-	48	
56		51.8	-	-	39.0	-	-	30.4	-	-	23.4	-	-	56	
64		51.0	-	-	38.1	-	-	29.7	-	-	22.8	-	-	64	
72		50.7	-	-	37.5	-	-	28.9	-	-	22.3	-	-	72	
80		49.9	-	-	37.0	-	-	28.4	-	-	22.0	-	-	80	
88		48.4	44.7	-	36.6	34.8	-	28.0	-	-	21.4	-	-	88	
96		-	44.2	-	36.0	34.1	-	27.6	26.8	-	21.0	-	-	96	
104		-	44.1	-	35.0	33.6	-	27.2	26.1	-	20.8	20.3	-	104	
112		-	-	40.8	-	33.3	-	26.7	25.8	-	20.3	19.8	-	112	
120		-	-	40.8	-	33.3	31.4	26.3	25.4	-	20.0	19.6	-	120	
128		-	-	-	-	33.3	31.1	25.6	25.4	24.5	19.6	19.3	-	128	
136		-	-	-	-	-	31.1	-	25.4	23.9	19.2	19.0	-	136	
144		-	-	-	-	-	31.1	-	25.4	23.8	19.0	18.8	18.3	144	
152		-	-	-	-	-	-	-	-	23.6	-	18.7	18.0	152	
160		-	-	-	-	-	-	-	-	23.6	-	18.7	17.9	160	
168		-	-	-	-	-	-	-	-	-	-	-	17.9	168	
176		-	-	-	-	-	-	-	-	-	-	-	17.9	176	

 145.0 ft															
 		84.0 ft			103.7 ft			123.4 ft			143.0 ft				
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°		
ft				1,000 lbs										ft	
56		40.3	-	-	31.7	-	-	-	-	-	-	-	-	56	
64		39.6	-	-	31.2	-	-	24.4	-	-	18.8	-	-	64	
72		39.3	-	-	30.7	-	-	24.0	-	-	18.5	-	-	72	
80		38.9	-	-	30.4	-	-	23.8	-	-	18.3	-	-	80	
88		37.4	-	-	30.1	-	-	23.5	-	-	18.0	-	-	88	
96		-	-	-	29.8	-	-	23.2	-	-	17.7	-	-	96	
104		-	35.6	-	29.6	-	-	23.0	-	-	17.6	-	-	104	
112		-	35.2	-	-	27.5	-	22.7	21.8	-	17.4	-	-	112	
120		-	-	-	-	27.3	-	22.5	21.5	-	17.2	16.9	-	120	
128		-	-	-	-	27.1	-	22.4	21.3	-	17.1	16.6	-	128	
136		-	-	-	-	27.1	-	-	21.0	-	16.8	16.4	-	136	
144		-	-	-	-	-	24.3	-	20.9	-	16.8	16.1	-	144	
152		-	-	-	-	-	23.2	-	20.9	20.0	-	15.9	-	152	
160		-	-	-	-	-	-	-	-	19.8	-	15.9	-	160	
168		-	-	-	-	-	-	-	-	19.4	-	15.9	15.1	168	
176		-	-	-	-	-	-	-	-	19.0	-	15.9	15.0	176	
184		-	-	-	-	-	-	-	-	-	-	-	15.0	184	

	42,300 lbs	58,800 lbs	85,800 lbs	109,800 lbs	158,300 lbs	206,800 lbs
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360°													ASME B30.5
193.9 ft													
	84.0 ft			103.7 ft			123.4 ft			143.0 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lbs												ft
72	21.4	-	-	17.0	-	-	-	-	-	-	-	-	72
80	21.1	-	-	16.9	-	-	13.2	-	-	10.1	-	-	80
88	20.9	-	-	16.8	-	-	13.2	-	-	10.1	-	-	88
96	20.6	-	-	16.6	-	-	13.2	-	-	10.0	-	-	96
104	-	-	-	16.5	-	-	13.0	-	-	9.9	-	-	104
112	-	-	-	16.3	-	-	13.0	-	-	9.9	-	-	112
120	-	-	-	-	-	-	13.0	-	-	9.9	-	-	120
128	-	-	-	-	-	-	12.9	-	-	9.9	-	-	128
136	-	-	-	-	14.7	-	12.8	-	-	9.9	-	-	136
144	-	-	-	-	14.1	-	-	-	-	9.9	-	-	144
152	-	-	-	-	-	-	-	11.8	-	9.9	-	-	152
160	-	-	-	-	-	-	-	11.4	-	-	9.3	-	160
168	-	-	-	-	-	-	-	-	-	-	9.1	-	168
176	-	-	-	-	-	-	-	-	-	-	8.9	-	176
184	-	-	-	-	-	-	-	-	-	-	8.6	-	184
208	-	-	-	-	-	-	-	-	-	-	-	5.8	208
216	-	-	-	-	-	-	-	-	-	-	-	5.5	216

42,300 lbs

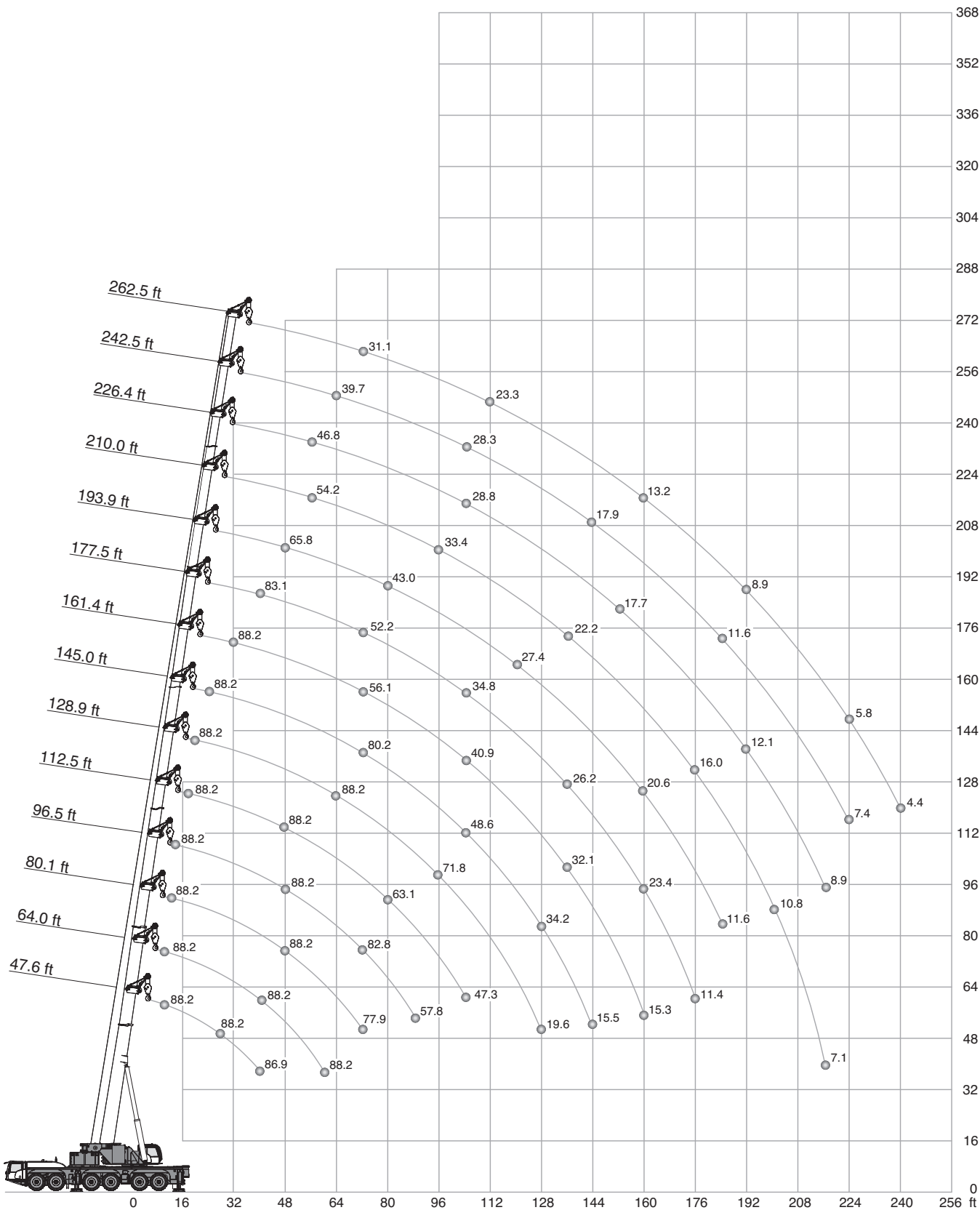
58,800 lbs

85,800 lbs

109,800 lbs

158,300 lbs

206,800 lbs



MS

AC 6.300-1 | 57

Operation

MS

 109,800 lbs		 28.5 ft x 27.8 ft						 5.25 ft			360°			ASME B30.5			
		47.6	64.0	80.1	96.5	112.5	128.9	(ft)			193.9	210.0	226.4	242.5	262.5		
ft		(ft)															ft
		1,000 lbs															
10		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12		88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12
14		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14
16		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	16
18		88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18
20		88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20
24		88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24
28		88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	28
32		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	32
36		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	36
40		86.9	88.2	88.2	88.2	88.2	88.2	88.2	87.7	83.1	-	-	-	-	-	-	40
48		-	87.9	88.2	88.0	87.6	88.2	87.4	80.8	74.6	65.8	-	-	-	-	-	48
56		-	79.3	80.3	79.7	80.3	80.2	77.5	71.0	66.1	59.9	54.2	46.8	-	-	-	56
64		-	-	65.5	67.4	66.5	64.6	61.9	59.9	57.7	53.7	49.9	44.6	39.7	-	-	64
72		-	-	55.6	55.8	54.7	52.7	52.2	51.9	48.9	47.1	45.3	41.5	38.2	31.1	-	72
80		-	-	-	46.9	46.0	44.1	45.5	43.4	41.1	41.0	39.7	38.0	36.0	30.4	-	80
88		-	-	-	40.1	39.1	39.9	39.0	37.2	37.1	36.4	35.6	33.8	33.2	28.8	-	88
96		-	-	-	-	35.1	35.3	33.5	33.1	32.2	32.1	31.5	30.2	28.7	27.0	-	96
104		-	-	-	-	31.8	30.7	29.8	29.6	29.4	28.6	27.5	25.7	25.0	23.6	-	104
112		-	-	-	-	-	26.7	26.8	25.6	25.6	24.9	23.6	21.6	21.6	19.6	-	112
120		-	-	-	-	-	23.5	24.2	23.3	22.4	21.5	20.2	18.3	18.3	16.3	-	120
128		-	-	-	-	-	19.6	21.1	20.9	20.0	18.6	17.2	15.3	15.3	13.4	-	128
136		-	-	-	-	-	-	18.6	18.4	17.5	16.0	14.7	12.7	12.7	10.9	-	136
144		-	-	-	-	-	-	15.5	16.4	15.3	13.8	12.4	10.5	10.5	8.7	-	144
152		-	-	-	-	-	-	-	14.5	13.4	11.9	10.4	8.6	8.6	6.8	-	152
160		-	-	-	-	-	-	-	12.7	11.6	10.1	8.8	6.8	6.8	5.0	-	160
168		-	-	-	-	-	-	-	-	10.1	8.6	7.2	5.3	5.3	-	-	168
176		-	-	-	-	-	-	-	-	8.8	7.3	5.7	3.9	3.9	-	-	176
184		-	-	-	-	-	-	-	-	-	6.0	4.6	-	-	-	-	184

Operation

MS

 42,300 lbs		 28.5 ft x 27.8 ft							 5.25 ft			360°		ASME B30.5				
 		47.6	64.0	80.1	96.5	112.5	128.9	(ft)					193.9	210.0	226.4	242.5	262.5	
ft								1,000 lbs										ft
10		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12		88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	14
16		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	16
18		88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	18
20		88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	20
24		88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	24
28		88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	28
32		88.2	88.2	88.2	88.2	88.2	88.2	88.2	87.2	-	-	-	-	-	-	-	-	32
36		83.5	86.0	87.9	88.2	86.6	84.2	81.5	79.6	-	-	-	-	-	-	-	-	36
40		76.5	81.7	85.5	86.2	83.1	78.5	74.5	70.7	68.6	-	-	-	-	-	-	-	40
48		-	59.7	62.3	62.5	62.4	61.2	59.0	57.4	55.3	53.5	48.8	-	-	-	-	-	48
56		-	44.5	46.9	47.2	48.9	48.2	47.3	47.1	45.6	42.3	39.4	35.7	-	-	-	-	56
64		-	-	36.7	38.8	38.6	38.8	38.7	37.9	36.7	33.9	31.5	28.1	27.4	-	-	-	64
72		-	-	29.9	31.0	31.7	31.6	31.2	30.4	29.3	27.3	24.8	21.7	20.9	17.3	-	-	72
80		-	-	-	25.2	26.1	25.7	25.4	24.3	23.2	21.5	19.3	16.5	15.6	12.3	-	-	80
88		-	-	-	20.5	21.5	21.0	20.7	19.6	18.5	16.7	15.0	12.2	11.4	8.3	-	-	88
96		-	-	-	-	17.6	17.2	16.8	15.8	14.6	13.0	11.4	8.7	8.0	5.1	-	-	96
104		-	-	-	-	14.5	14.0	13.6	12.5	11.4	9.8	8.3	5.8	5.4	-	-	-	104
112		-	-	-	-	-	11.5	11.1	10.0	8.9	7.4	5.8	-	-	-	-	-	112
120		-	-	-	-	-	9.3	8.8	7.9	6.8	5.2	3.7	-	-	-	-	-	120
128		-	-	-	-	-	7.5	7.0	5.9	4.8	3.3	-	-	-	-	-	-	128
136		-	-	-	-	-	-	5.4	4.3	3.2	-	-	-	-	-	-	-	136
144		-	-	-	-	-	-	4.0	2.9	-	-	-	-	-	-	-	-	144

Operation

MS

 206,800 lbs				 28.5 ft x 27.8 ft				 15.1 ft				360°				ASME B30.5			
 		(ft)																	
ft		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft			
1,000 lbs																			
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	14		
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	16		
18	84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	18		
20	80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	20		
24	69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	24		
28	60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	-	-	28		
32	53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	-	-	32		
36	48.2	59.0	68.4	75.8	79.7	82.0	78.7	77.4	-	-	-	-	-	-	-	-	36		
40	43.2	53.3	61.6	69.4	74.2	77.0	74.1	73.8	68.9	-	-	-	-	-	-	-	40		
48	35.7	45.0	52.3	58.8	64.3	67.3	66.1	67.2	64.8	58.2	-	-	-	-	-	-	48		
56	-	38.6	45.6	51.2	56.0	59.9	59.7	61.2	60.5	55.7	48.6	-	-	-	-	-	56		
64	-	33.6	40.3	45.4	49.6	53.3	54.2	56.1	55.5	51.7	46.4	41.4	-	-	-	-	64		
72	-	-	35.6	40.9	44.9	48.0	49.3	51.7	50.2	46.8	42.6	39.3	35.5	-	-	-	72		
80	-	-	32.2	36.9	40.9	44.0	45.3	47.2	45.4	42.1	38.9	36.8	33.9	27.7	-	-	80		
88	-	-	-	33.7	37.7	40.6	42.0	43.2	40.8	38.0	35.2	33.6	31.9	26.9	-	-	88		
96	-	-	-	31.2	34.6	37.6	39.2	39.8	36.6	34.3	31.8	30.8	29.8	25.5	-	-	96		
104	-	-	-	24.2	32.0	35.1	36.7	36.6	33.4	31.0	29.0	27.9	27.4	24.0	-	-	104		
112	-	-	-	-	30.1	32.7	34.5	33.6	30.7	28.3	26.3	25.7	25.2	22.2	-	-	112		
120	-	-	-	-	17.2	30.9	32.6	30.9	28.3	25.9	24.2	23.4	23.1	20.6	-	-	120		
128	-	-	-	-	-	29.3	31.0	29.2	26.0	24.0	22.5	21.6	21.2	19.0	-	-	128		
136	-	-	-	-	-	16.9	29.6	27.9	24.0	22.6	20.9	20.0	19.3	17.3	-	-	136		
144	-	-	-	-	-	-	26.0	26.9	22.3	21.2	19.5	18.4	17.7	15.9	-	-	144		
152	-	-	-	-	-	-	13.6	25.7	21.3	20.1	18.2	17.0	16.1	14.4	-	-	152		
160	-	-	-	-	-	-	-	21.6	20.6	19.1	17.1	15.8	14.8	13.0	-	-	160		
168	-	-	-	-	-	-	-	-	19.4	18.1	16.0	14.7	13.5	11.8	-	-	168		
176	-	-	-	-	-	-	-	-	17.7	17.3	14.9	13.6	12.3	10.7	-	-	176		
184	-	-	-	-	-	-	-	-	9.8	16.6	14.1	12.6	11.3	9.7	-	-	184		
192	-	-	-	-	-	-	-	-	-	10.2	13.3	11.7	10.4	8.6	-	-	192		
200	-	-	-	-	-	-	-	-	-	9.7	12.6	10.8	9.4	7.8	-	-	200		
208	-	-	-	-	-	-	-	-	-	-	7.2	10.0	8.6	7.0	-	-	208		
216	-	-	-	-	-	-	-	-	-	-	6.6	9.3	7.8	6.2	-	-	216		
224	-	-	-	-	-	-	-	-	-	-	6.0	6.5	6.8	5.5	-	-	224		
232	-	-	-	-	-	-	-	-	-	-	-	-	6.1	4.9	-	-	232		
240	-	-	-	-	-	-	-	-	-	-	-	-	5.0	4.2	-	-	240		
248	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-	248		

Operation

MS

 109,800 lbs		 28.5 ft x 27.8 ft							 15.1 ft			360°		ASME B30.5		
 		47.6	64.0	80.1	96.5	112.5	128.9	(ft)								
ft								145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft
								1,000 lbs								
10		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	10
12		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12
14		88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14
16		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	16
18		84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18
20		80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20
24		69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24
28		60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	28
32		53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	32
36		48.2	59.0	68.4	75.8	79.7	82.0	78.7	77.4	-	-	-	-	-	-	36
40		43.2	53.3	61.6	69.4	74.2	77.0	74.1	73.8	68.9	-	-	-	-	-	40
48		35.7	45.0	52.3	58.8	64.3	67.3	66.1	67.2	64.8	58.2	-	-	-	-	48
56		-	38.6	45.6	51.2	56.0	59.9	59.7	61.2	60.5	55.7	48.6	-	-	-	56
64		-	33.6	40.3	45.4	49.6	53.3	54.2	56.1	55.5	51.7	46.4	41.4	-	-	64
72		-	-	35.6	40.9	44.9	48.0	49.3	49.1	48.6	46.2	42.6	39.3	35.5	-	72
80		-	-	32.2	36.9	40.7	42.9	43.8	41.3	40.3	40.4	38.4	36.8	33.9	27.7	80
88		-	-	-	33.6	36.9	37.9	36.8	36.5	35.3	34.2	33.7	32.6	31.9	26.9	88
96		-	-	-	31.1	33.5	33.8	33.0	31.4	31.6	31.3	30.4	29.5	28.2	25.5	96
104		-	-	-	24.2	29.4	29.8	28.8	28.2	27.8	27.0	26.8	25.1	24.3	22.5	104
112		-	-	-	-	26.8	26.7	25.8	25.4	25.2	24.5	23.0	21.0	21.0	18.8	112
120		-	-	-	-	17.2	23.3	22.8	22.1	21.8	21.1	19.6	17.6	17.6	15.6	120
128		-	-	-	-	-	20.5	20.8	20.4	19.6	18.1	16.7	14.8	14.8	12.8	128
136		-	-	-	-	-	16.9	18.4	18.2	17.1	15.5	14.2	12.2	12.2	10.2	136
144		-	-	-	-	-	-	16.4	15.9	14.9	13.3	11.8	10.0	9.8	8.0	144
152		-	-	-	-	-	-	13.6	14.1	13.0	11.4	9.9	7.9	7.9	6.0	152
160		-	-	-	-	-	-	-	12.3	11.2	9.6	8.1	6.3	6.2	4.3	160
168		-	-	-	-	-	-	-	-	9.7	8.1	6.6	4.8	4.6	-	168
176		-	-	-	-	-	-	-	-	8.4	6.6	5.3	3.3	3.3	-	176
184		-	-	-	-	-	-	-	-	7.0	5.5	4.0	-	-	-	184
192		-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	192
200		-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	200

 42,300 lbs		 28.5 ft x 27.8 ft										 15.1 ft		360°		ASME B30.5	
 		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5		
ft		(ft)														ft	
		1,000 lbs															
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
12	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	12	
14	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	14	
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	16	
18	84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	18	
20	80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	20	
24	69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	24	
28	60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	-	28	
32	53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	-	32	
36	48.2	59.0	68.4	75.8	79.5	78.6	77.1	72.4	-	-	-	-	-	-	-	36	
40	43.2	53.3	61.6	69.3	73.2	73.1	71.6	67.4	64.6	-	-	-	-	-	-	40	
48	35.7	45.0	52.1	57.3	60.0	60.4	57.3	55.4	52.3	49.9	-	-	-	-	-	48	
56	-	38.6	44.5	47.4	47.8	47.0	47.0	45.4	44.4	41.1	38.2	-	-	-	-	56	
64	-	33.4	37.0	37.8	38.4	37.7	38.2	37.7	36.0	33.0	30.3	27.2	-	-	-	64	
72	-	-	30.1	31.4	31.2	31.4	31.2	30.1	28.8	26.6	23.9	20.6	19.8	-	-	72	
80	-	-	25.0	25.7	25.9	25.7	25.2	24.1	22.8	20.8	18.5	15.4	14.5	11.0	-	80	
88	-	-	-	20.9	21.6	21.0	20.5	19.3	18.0	16.3	14.2	11.2	10.4	7.2	-	88	
96	-	-	-	17.2	17.7	17.2	16.7	15.4	14.3	12.5	10.7	7.8	7.1	4.0	-	96	
104	-	-	-	14.0	14.5	14.0	13.4	12.3	11.0	9.4	7.6	5.0	4.3	-	-	104	
112	-	-	-	-	11.8	11.3	10.9	9.6	8.5	6.9	5.2	-	-	-	-	112	
120	-	-	-	-	9.7	9.2	8.6	7.5	6.3	4.6	-	-	-	-	-	120	
128	-	-	-	-	-	7.3	6.7	5.6	4.4	-	-	-	-	-	-	128	
136	-	-	-	-	-	5.8	5.2	3.9	2.8	-	-	-	-	-	-	136	
144	-	-	-	-	-	-	3.8	2.5	-	-	-	-	-	-	-	144	

Notes to Lifting Capacity

Ratings are in compliance with ASME B30.5.

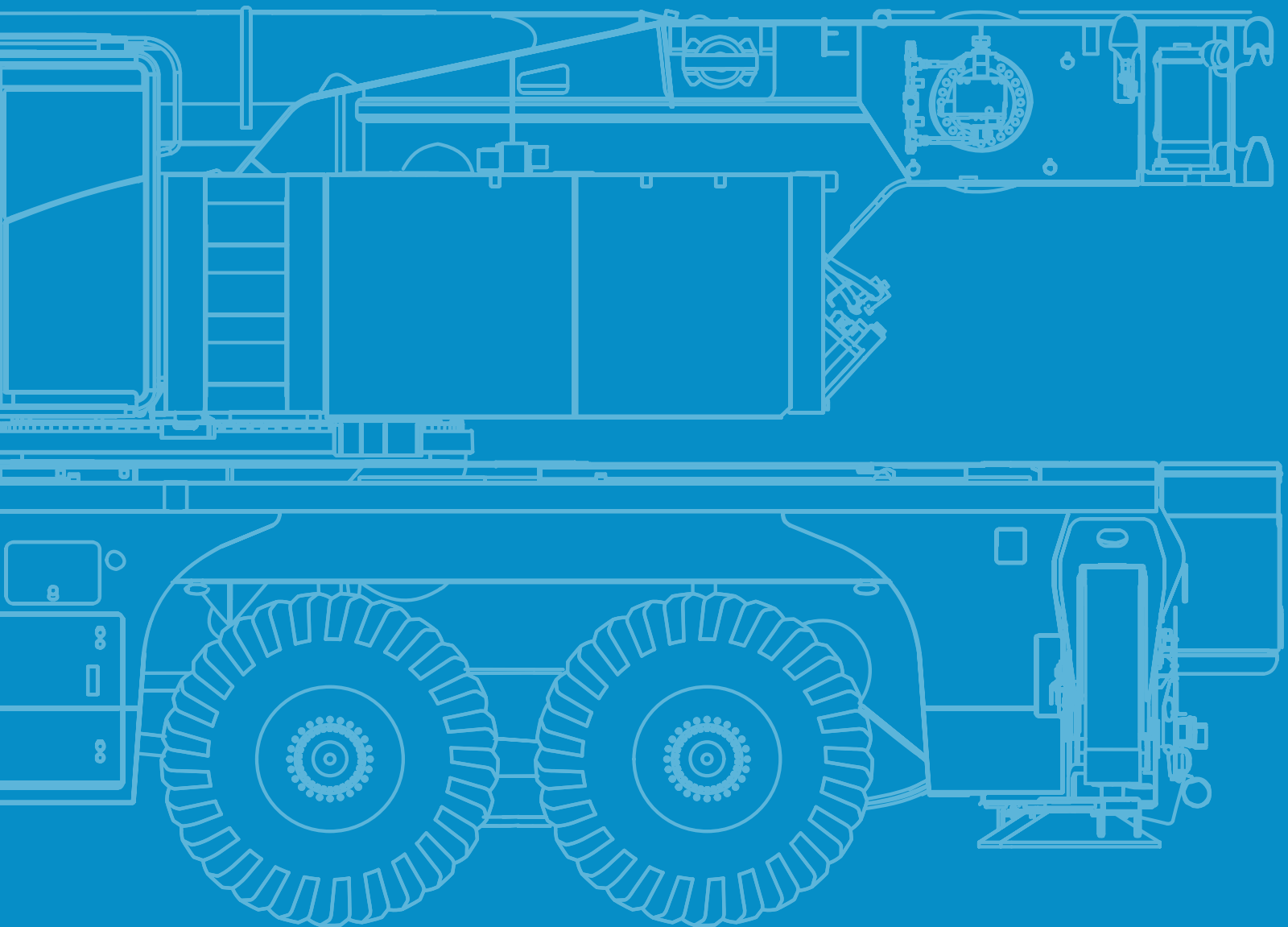
Lifting capacities do not exceed 85 % of tipping load.

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 460-5	Mercedes-Benz OM473; Diesel engine; Output 460 kW/1600 ¹ /min (617HP), torque 3000 Nm / 1300 ¹ /min; The engine complies with EU Stage V / Tier 4F; Exhaust system complete stainless steel with SCR catalyzer.
Fuel tank	132 gallons Diesel (no RME /biodiesel); 25 gallons AdBlue tank.
Transmission G280-16TRC	Mercedes-Benz G280-16TRC; Automated gearbox with turbo retarder clutch; 16 forward speeds and 4 reverse; 1-stage transfer case with switchable longitudinal lock.
Axles 12 x 6 x 10	6 axles, axles 3, 5 and 6 are driven and dispose of selectable transverse lock; Axle 5 with a selectable longitudinal lock; Axles 1-3 and 5-6 are steered; Axle 4 liftable.
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; Axle 5 and 6 electro-hydraulically connected; Active rear axle steering with different steering programs.
Brakes	Pneumatic dual circuit service brake, acting on all wheels; Disc brakes; Hydraulic retarder integrated into transmission as wearless, 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 9.4 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.
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; Automatic or manual levelling; 5 outrigger bases: 9.0 ft, 13.2 ft, 18.1 ft, 22.9 ft and 27.8 ft. 4 round polyamide outrigger pads A = 1.25 ft ² with transport position at vertical cylinder.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in 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 HA80	47.6 ft - 262.5 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 5 sheaves integrated in boom head for max. capacity of 236,900 lbs.
Boom luffing	1 luffing cylinder with automatic lowering brake valve.
Rotary drive	1 slewing gear unit with spring-loaded multi-disc brake.
H1	Hoist with spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. hoist monitoring.
Counterweight 109,800 lbs	5 pieces ①-④ (SPECIAL 6 pieces (①-⑥)); 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 load moment indicator acc. EN13000; Colour 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 460-3	Mercedes-Benz OM473; Diesel engine; Output 460 kW/1600 1/min (617 HP), torque 3000 Nm/1300 1/min; The engine complies with ECE R96 (equivalent to former European regulation EU Stage IIIA/ Tier 3); Exhaust system complete stainless steel incl. spark arrester certificate.
Axles 12 x 8 x 12	All 6 axles steered, axles 2, 3, 5 and 6 are driven and equipped with selectable transverse lock; Axle 5 with a selectable longitudinal lock.
Additional fuel tank	53 gallons; For 185 gallons diesel total carrier (no RME / biodiesel).

Superstructure

Quick connection main boom (HA)	Hydraulic bolt extractors and hydraulic and electric quick couplings for fast main boom (dis-) assembly; Incl. switchable suspension calibration for light travel configurations without main boom; Incl. storage space for luffing cylinder.
Heavy lift attachment	2 additional sheaves; Dis-/connectable; For total 7 sheaves at boom head; Max. capacity of 330,700 lbs.
2. hoist (H2)	Spring-loaded multi-disc brake; Integrated resolver (hoist rotation indicator); Incl. hoist monitoring and quick couplings.
Additional counterweight 97,000 lbs	4 pieces 2 x ⑤ + 2 x ⑥ (SPECIAL 2 x ⑦ + 2 x ⑧); For total 206,800 lbs, 9 pieces (SPECIAL 10 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

LWIHI 206.7 ft	Luffing jib with 19.7 ft increments incl. bridle; 1-sheave head; Enables configuration LWIHI 147.7 ft - 206.7 ft, WIHI 114.8 ft - 173.9 ft, SWIHI 85.3 ft - 144.4 ft, LF 111.5 ft - 170.6 ft, F 78.7 ft - 137.8 ft, SF 49.2 ft - 108.3 ft, HAV 36.1 ft / 68.9 ft and MS 5.25 ft.
SWIHI 144.4 ft	Strong luffing jib with 19.7 ft increments incl. bridle; 2-sheave head; Enables configuration SWIHI 85.3 ft - 144.4 ft, SF 49.2 ft - 108.3 ft and MS 5.25 ft.
LF 111.5 ft	Light fixed jib; 1 piece 39.4 ft lattice section and double folding swing-away jib, manual offset 20°/40°; 1-sheave head; Enables configuration LF 111.5 ft, F 78.7 ft and HAV 36.1 ft / 68.9 ft; Incl. transport storage for swing-away jib; Not transportable with 26,500 lbs axle load limit.
SF 108.3 ft	Strong fixed jib; 2-sheave head; Enables configuration SF 49.2 ft - 108.3 ft and MS 5.25 ft; Not transportable with 26,500 lbs axle load limit.
HAV 68.9 ft	Double folding swing-away jib; manual offset 20°/40°; 1-sheave head; Incl. transport storage; Not transportable with 26,500 lbs axle load limit; Includes HAV 37.4 ft.
HAV 37.4 ft	Lattice swing-away jib; manual offset 20°/40°; 1-sheave head; Incl. transport storage; Not transportable with 26,500 lbs axle load limit.
Hydraulic offset (0°-40°)	Hydraulic offset instead of manual offset (20°/40°); Available for HAV, LF and F.
MS (Runner)	5.25 ft; Assembly jib with fixed angle, 2-sheaved for max. capacity 88,200 lbs; Incl. transport storage at the left side of main boom; Not transportable within 9.8 ft crane width.

Hook Blocks

Hook block 352,800 lbs, 7-sheaves	Max. capacity 330,700 lbs; 4,200 lbs; Double hook, red with white signal stripes.
Hook block 275,600 lbs, 5-sheaves	Max. capacity 236,900 lbs; 3,100 lbs; Double hook, red with white signal stripes.
Hook block 176,400 lbs, 3-sheaves	Max. capacity 165,800 lbs; 2,700 lbs; Double hook, red with white signal stripes.
Hook block 88,200 lbs, 1-sheave	Max. capacity 71,100 lbs; 2,000 lbs; Double hook, red with white signal stripes.
Hook 26,500 lbs	Max. capacity 23,700 lbs; 1,100 lbs; Single hook, red.

Further additional equipment on request!

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

Notes

Notes

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