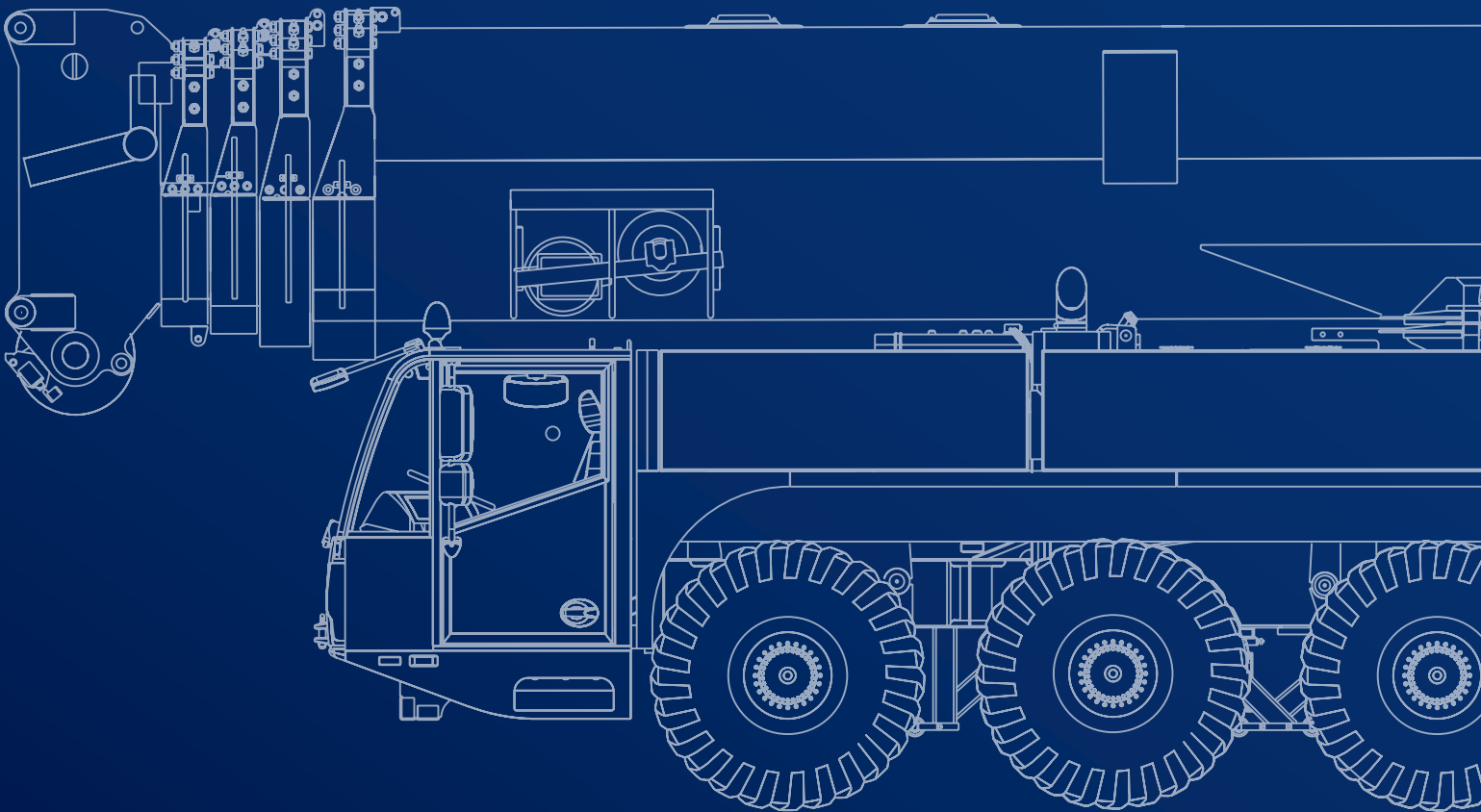


AC 9.700-1

800 US TON MAX. CRANE CAPACITY










November 2021. Unless otherwise specified, all information in this brochure refers to a standard crane equipment, and it is intended as general information only. No liability is assumed. Errors reserved. Product specifications and prices are subject to changes without notice. The photographs and/or drawings in this brochure are for illustrative purposes only. For correct and safe crane operation, the original operating manual and lifting capacity charts are essential. Failure to follow the corresponding Operator's Manual when using our equipment or failure to otherwise act responsibly may result in property damage, serious injury or death. The sole warranty applicable with respect to our equipment is the standard warranty as per general terms and conditions of sales and service (ask your local Tadano dealer for details), and Tadano makes no other warranty, express or implied. All rights reserved. Any use of the trademarks, logos, brand names and model names used herein is prohibited.

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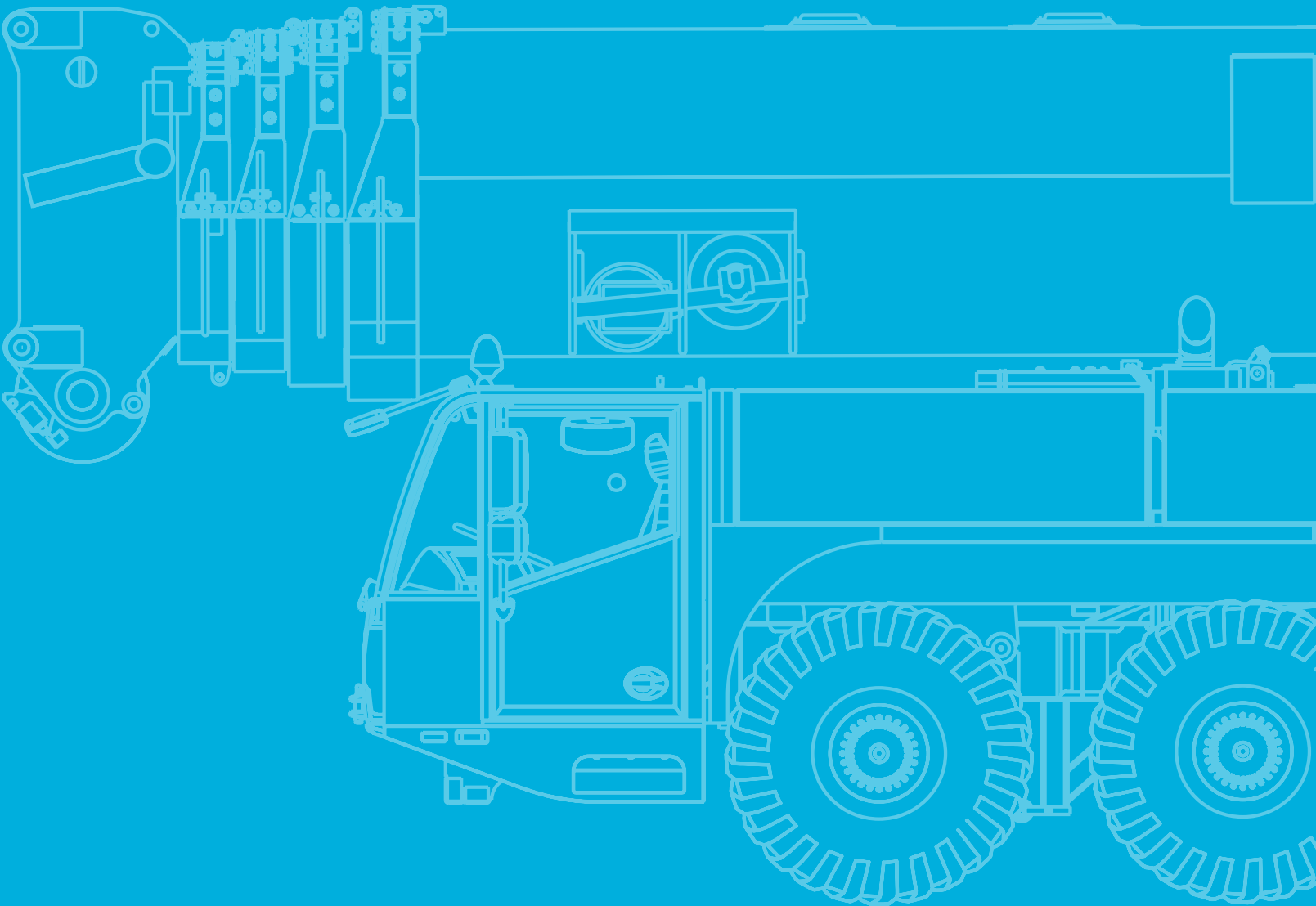
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Key

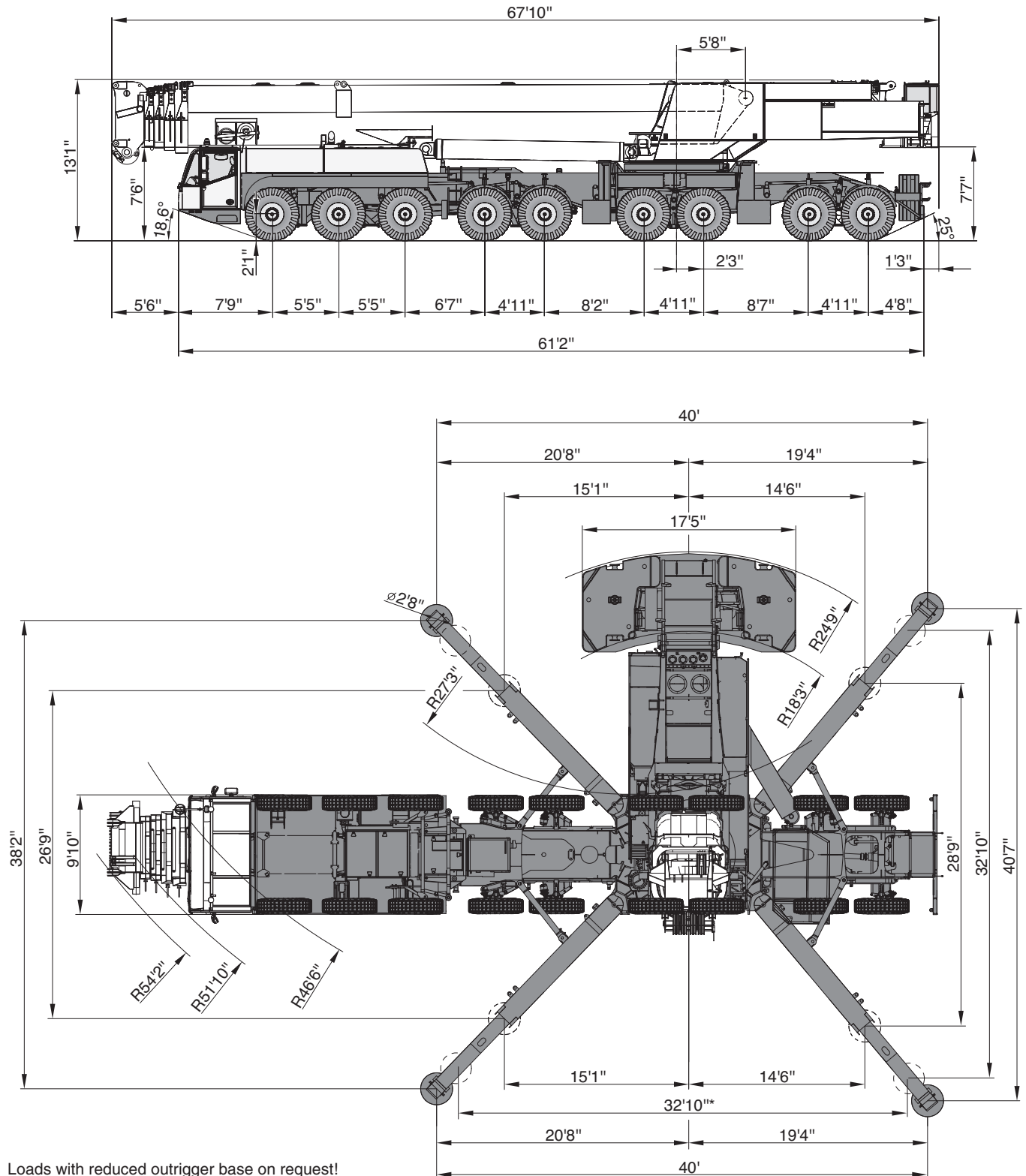
	Counterweight		Boom telescoping
	Lifting capacities on outriggers · 360°		Boom elevation
	Radius		Working speeds
	Main boom		Slewing
	Folding swing-away jib		Max. line pull
	Fixed fly jib		Rope diameter
	Luffing fly jib		Rope length
	Adapter		Hook block
	Sideways Superlift		Number of lines
	Max. axle loads		Possible load of hook block
	Mechanism		Weight of hook block
	Tires		Distance head sheave axle – hook ground
	Hook block		Number of sheaves in boom head
	Hoist		Max. outrigger load
	Travel speed		Length of stroke (support cylinders)
	Gradeability		Payload incl. rear storage box
	Off road / On road		Front outrigger
			Rear outrigger

GENERAL TECHNICAL DATA



General

Vehicle dimensions

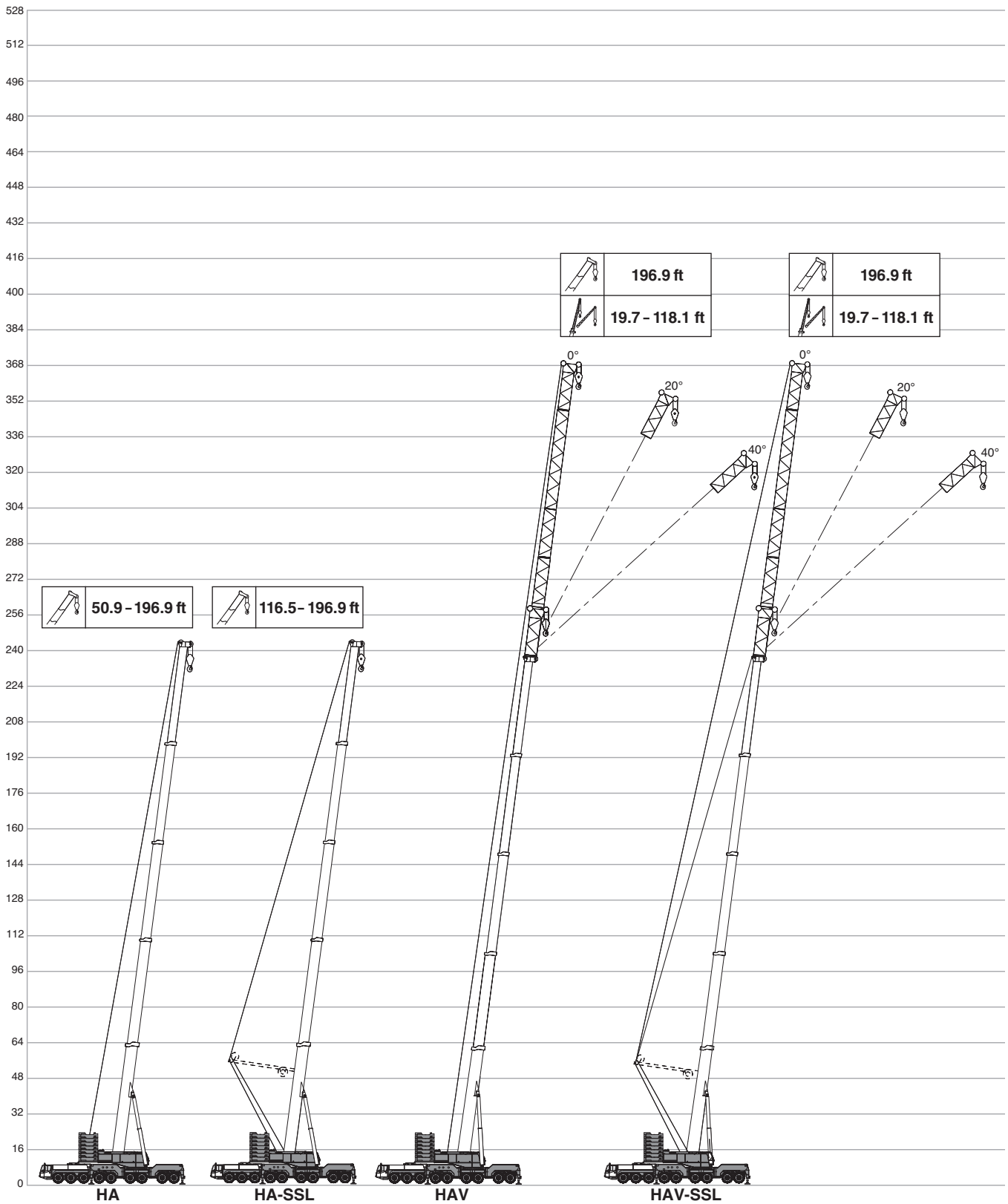


Loads with reduced outrigger base on request!

* on request!

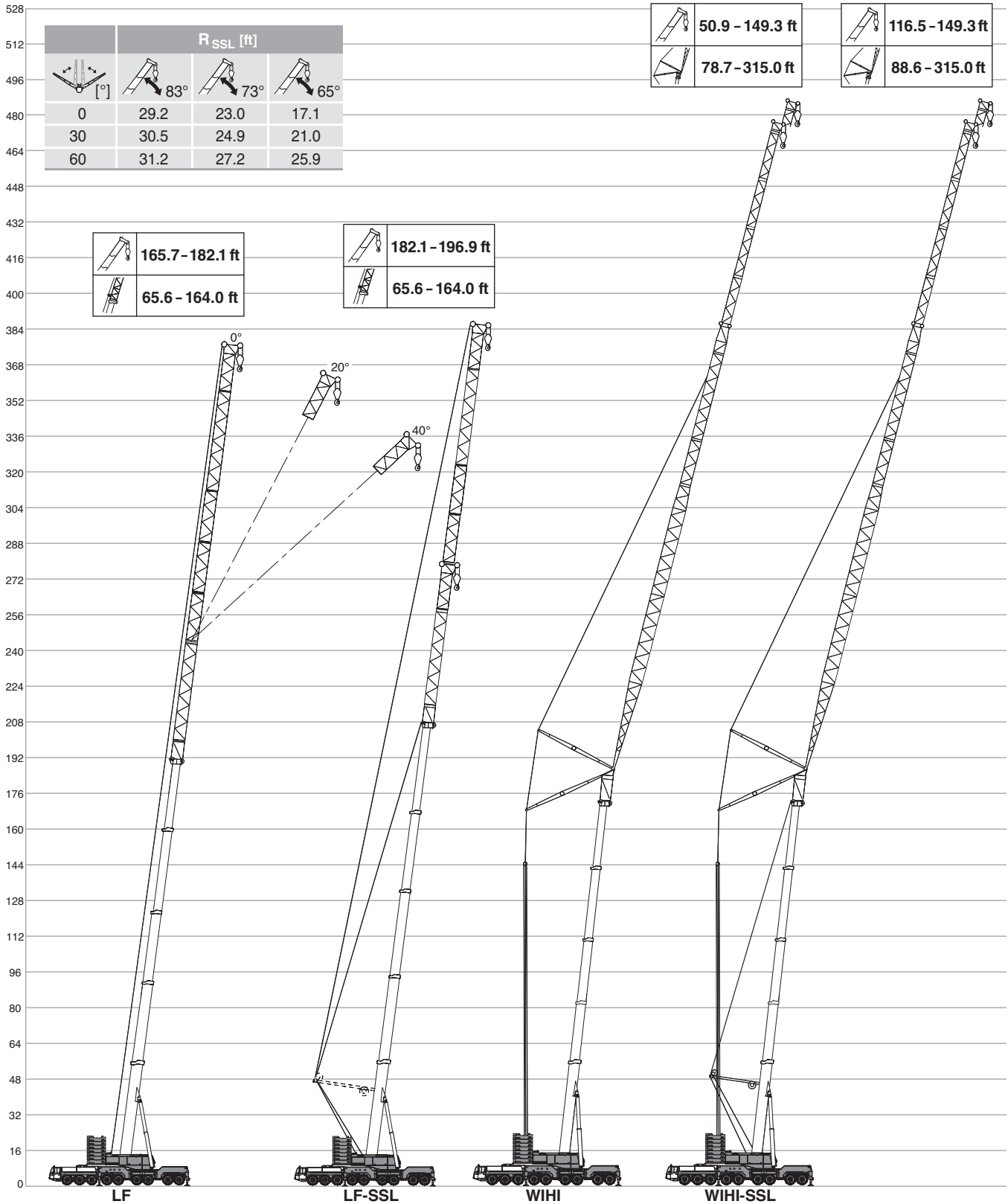
General

Boom combinations

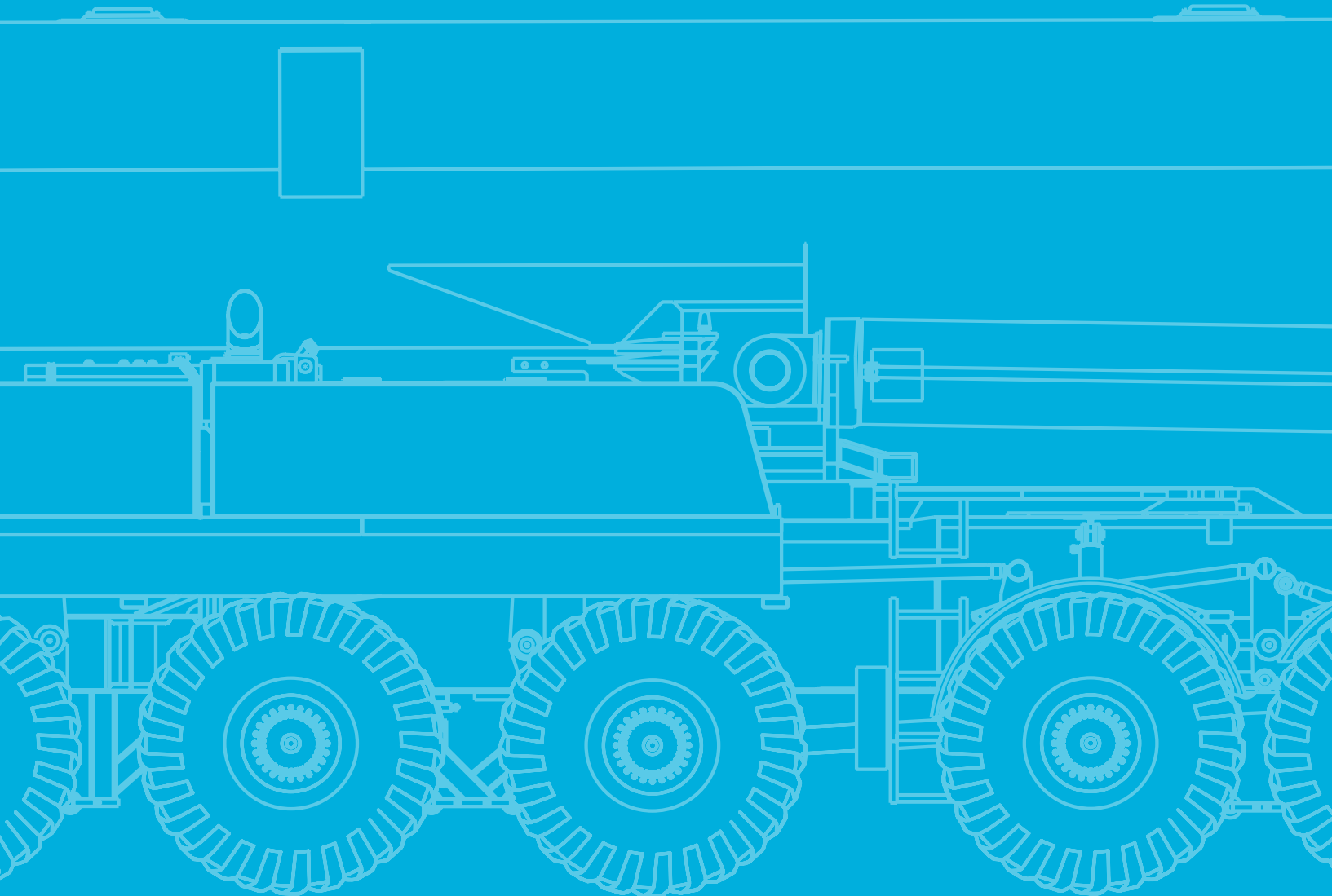


General










Boom combinations







TECHNICAL DATA FOR ON-ROAD AND OFF-ROAD DRIVING






On-road and off-road driving

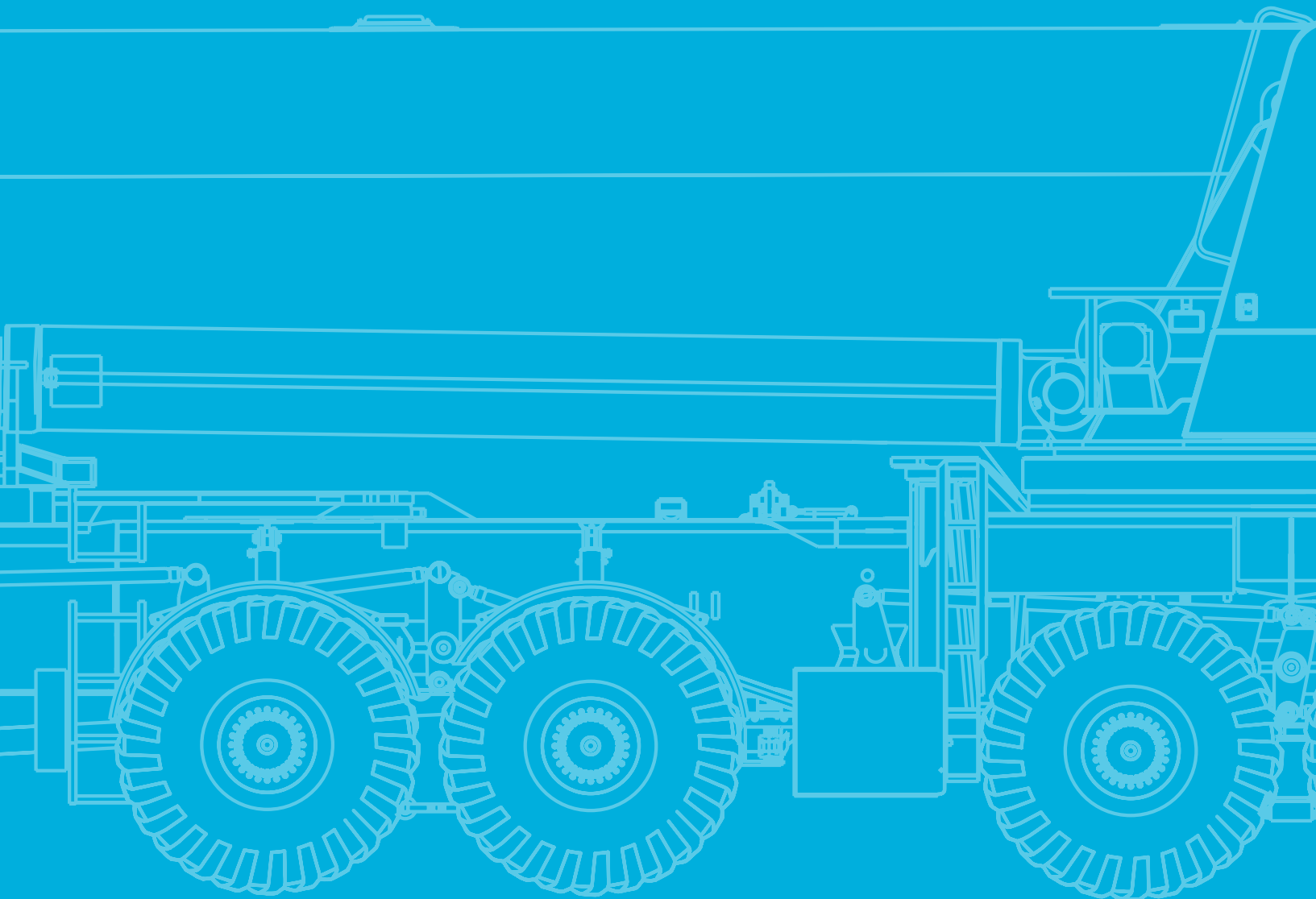
Axle loads									
	Total								
< 18,740 lb	< 136,700 lb	18 x 8 x 16	385/95R25	–	–	–	–	–	–
< 26,500 lb	< 238,100 lb	18 x 8 x 16	385/95R25	–	X	–	–	–	10,360 lb
< 30,210 lb	< 271,200 lb	18 x 8 x 16	385/95R25	88,200 lb	X	X	X	–	–
< 32,000 lb	< 275,600 lb	18 x 8 x 16	385/95R25	88,200 lb	X	–	X	X	–
< 34,180 lb	< 306,500 lb	18 x 8 x 16	385/95R25	88,200 lb	X	X	X	X	10,360 lb

Speeds and gradeability	
	385/95 R 25 14.00 R 25
	35 %
	40 %
	46.6 mph ¹⁾

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

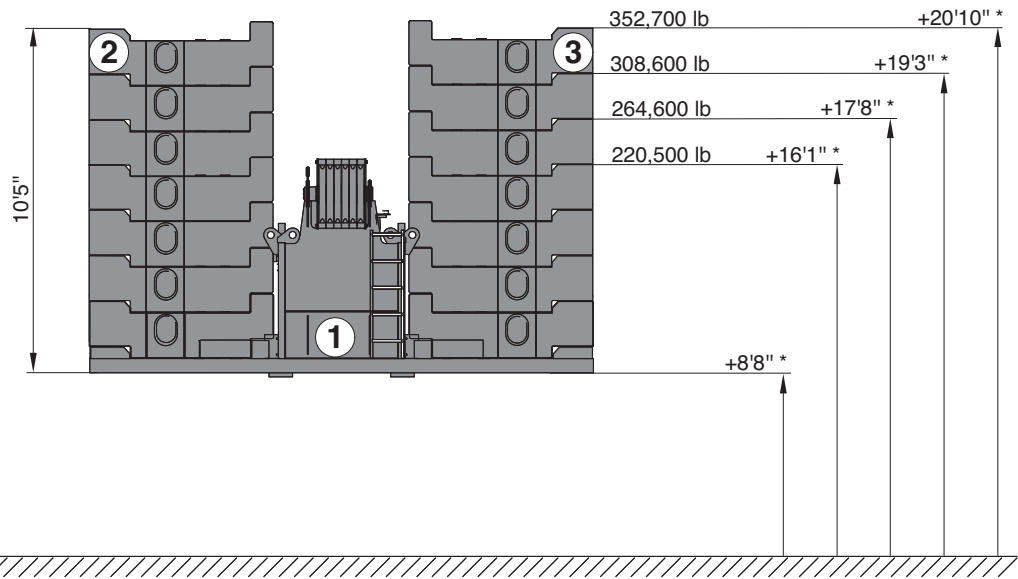
Steering	
	1 Road travel
	2 Manually steered
	3 Crab steer mode

TECHNICAL DATA FOR TRANSPORT



Transportation

Counterweight



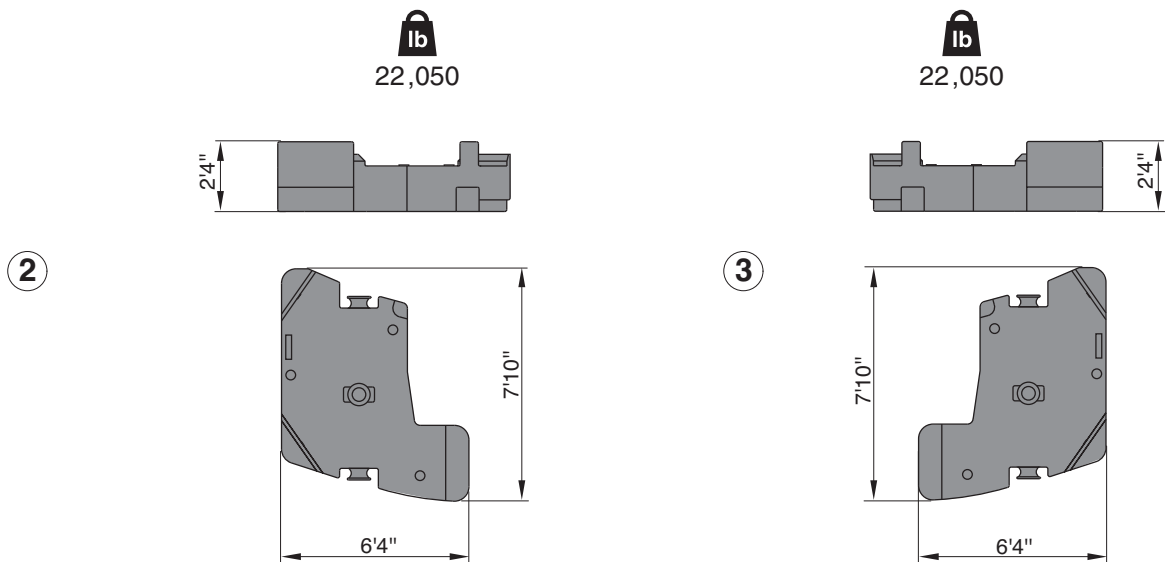
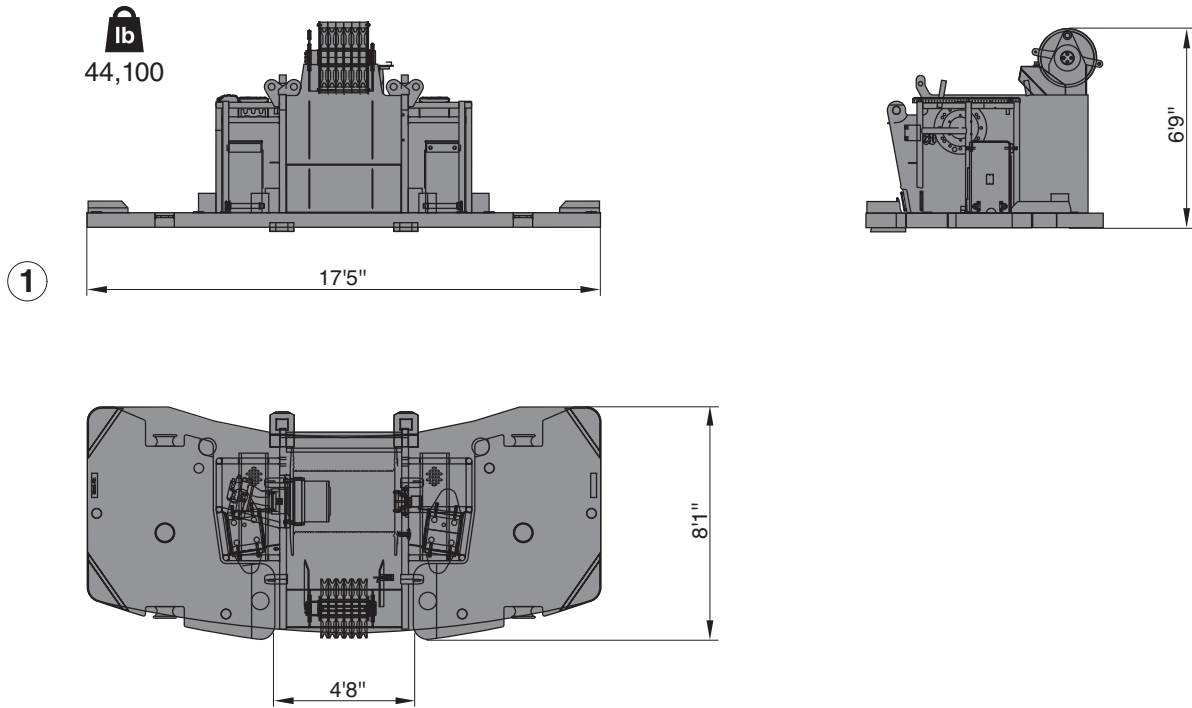
* Tail swing above ground

Configurations

	44,100 lb	88,200 lb	132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,700 lb	352,700 lb
① 44,100 lb	1	1	1	1	1	1	1	1
② 22,050 lb		1	2	3	4	5	6	7
③ 22,050 lb		1	2	3	4	5	6	7

Transportation

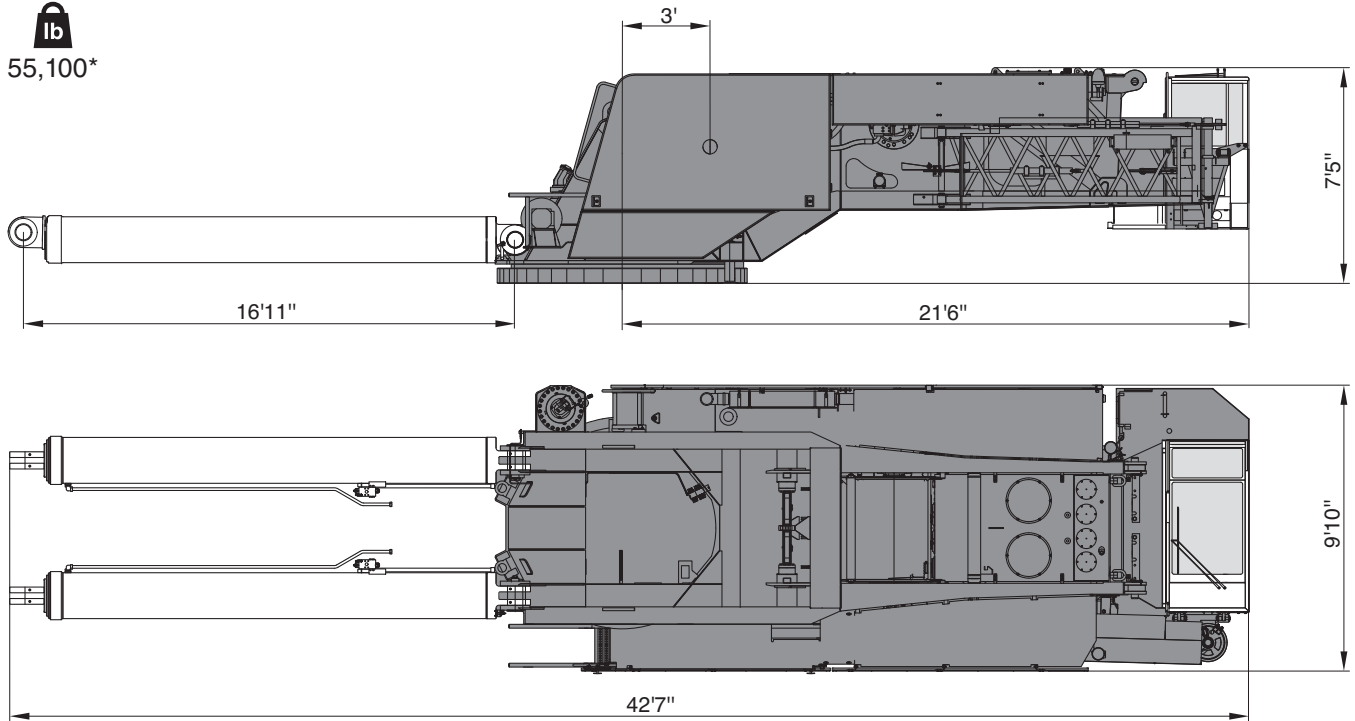
Counterweight



Transportation

Superstructure with luffing cylinder

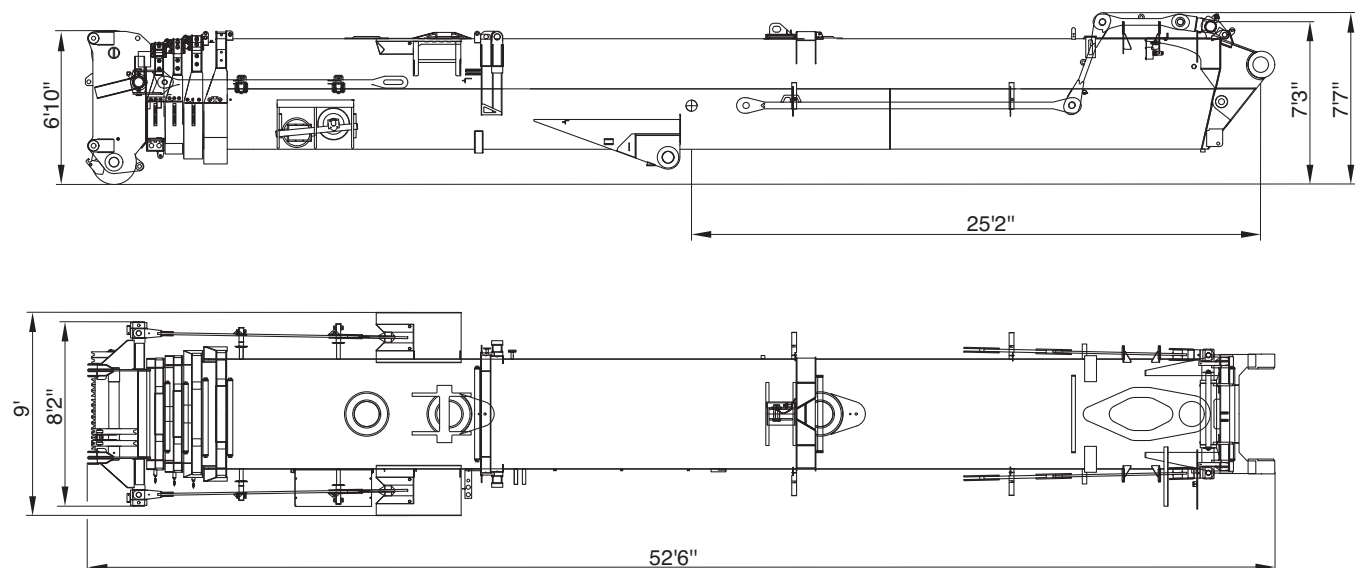
 55,100*



* incl. luffing cylinder

Main boom

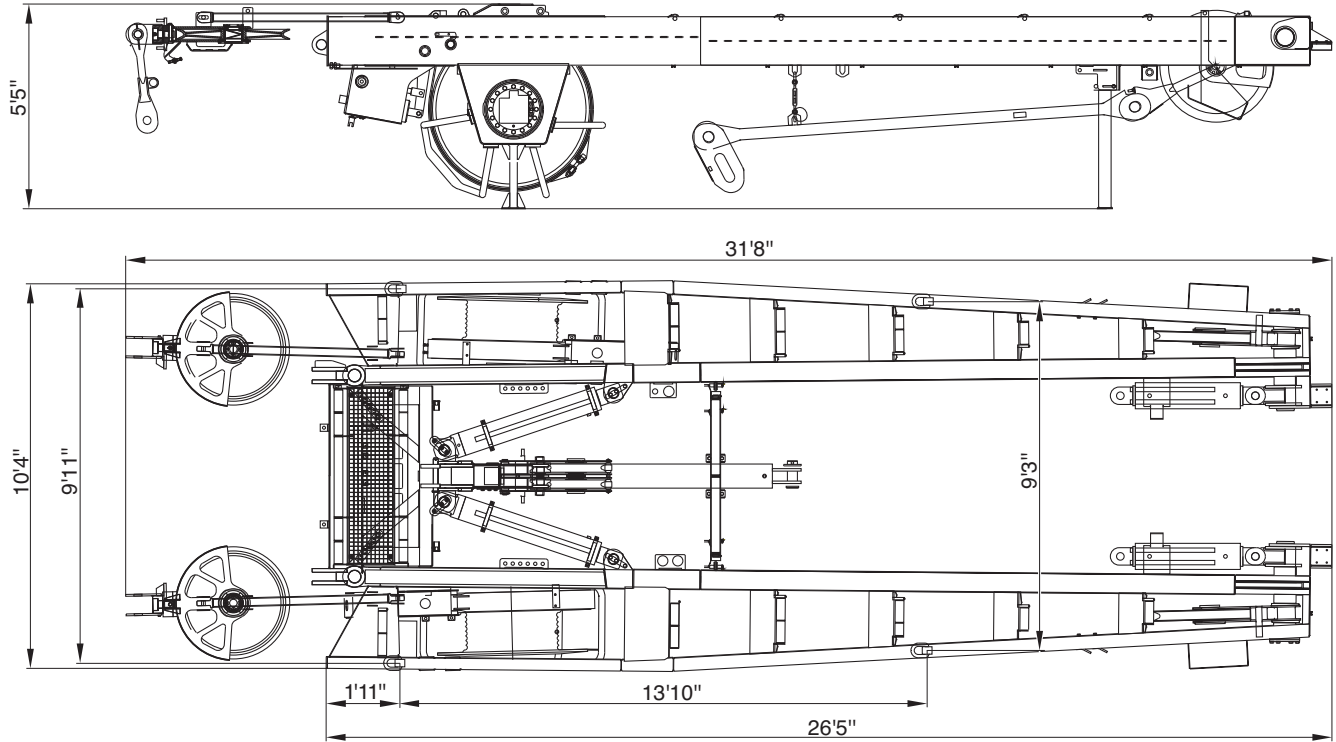
 92,600



Transportation

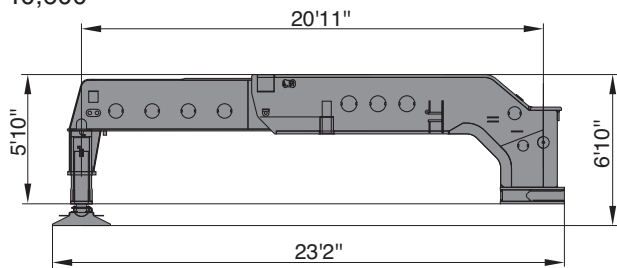
Sideways Superlift (SSL)

lb
26,500

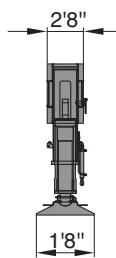
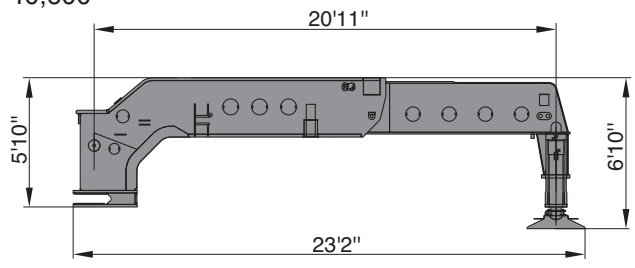


Outriggers

lb
10,600



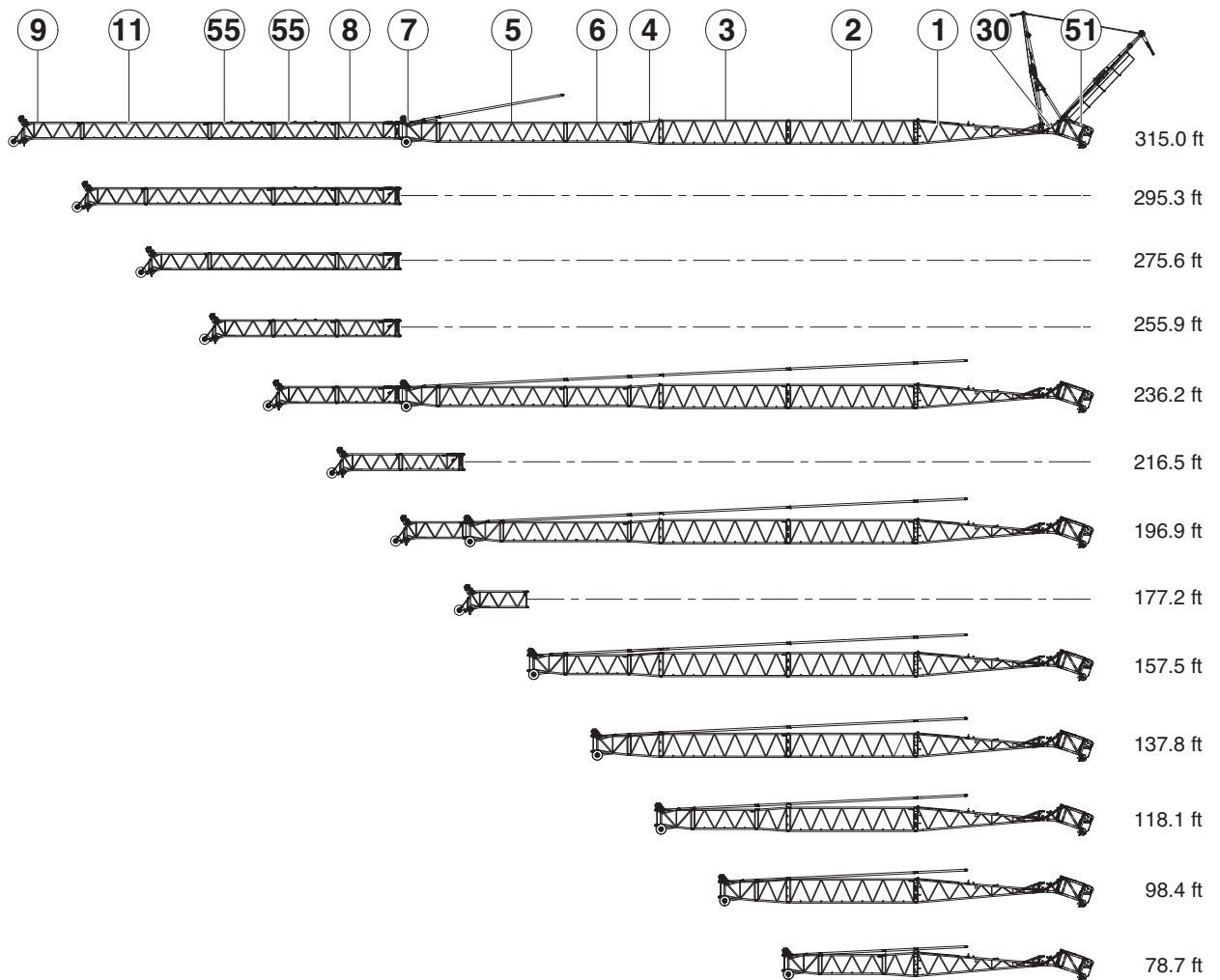
lb
10,600



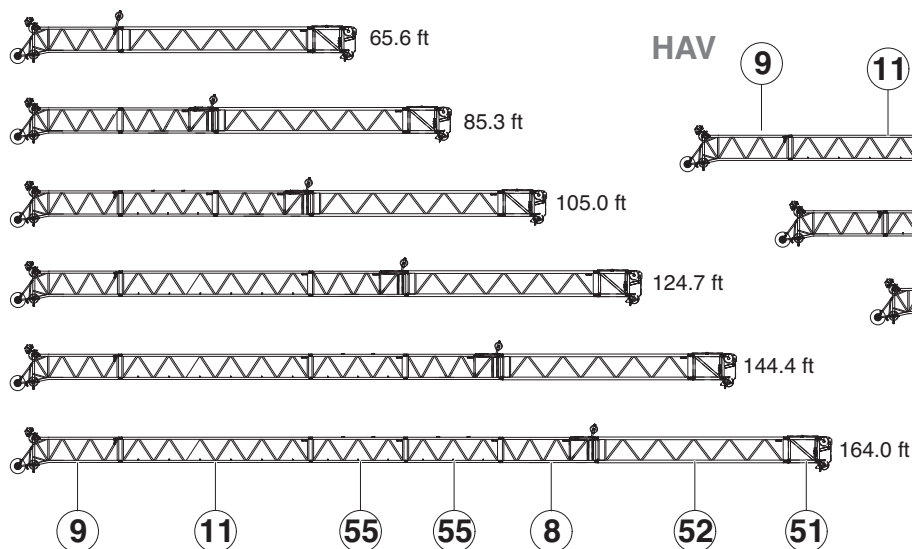
Transportation

Jib

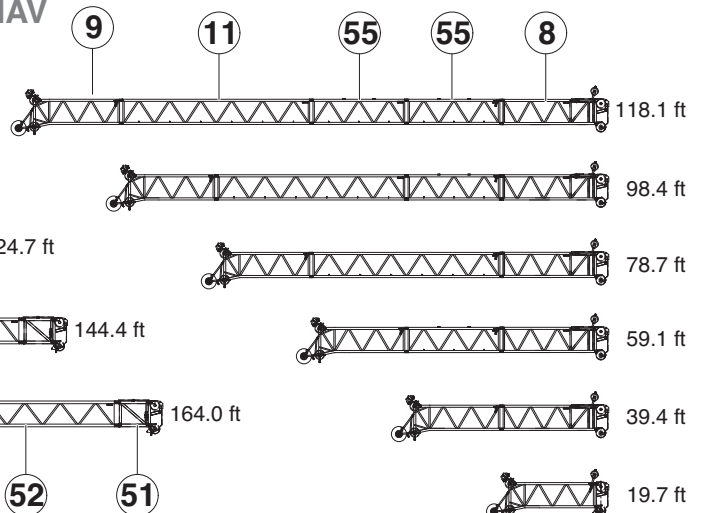
WIHI



LF

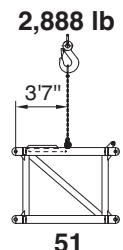
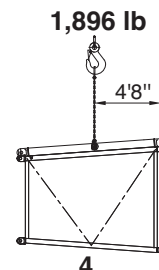
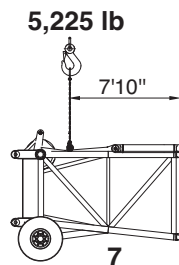
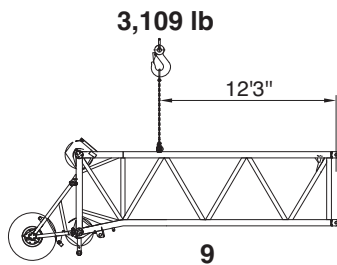
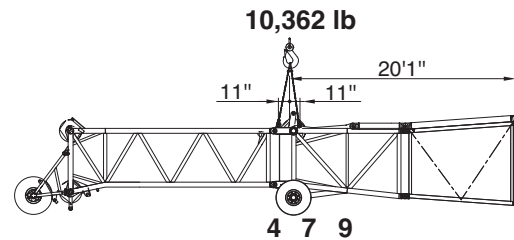
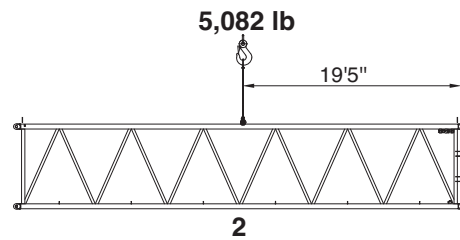
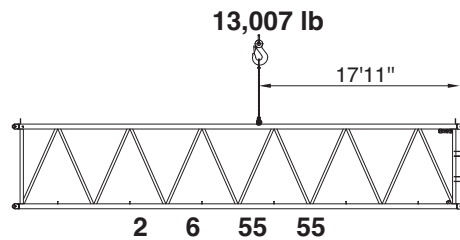
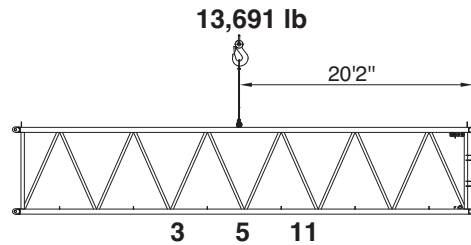
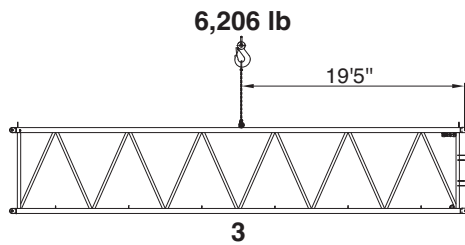
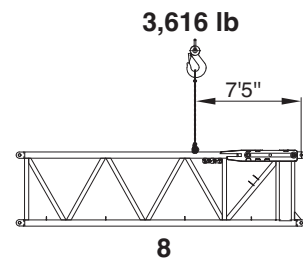
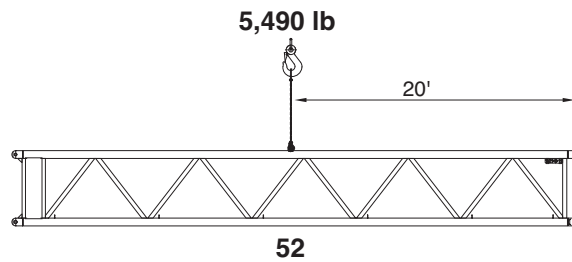
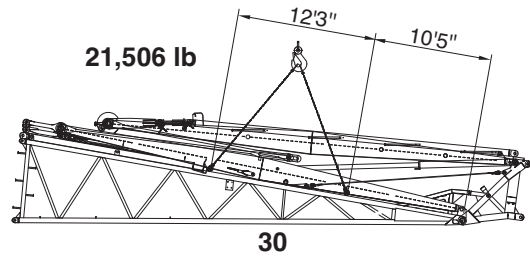
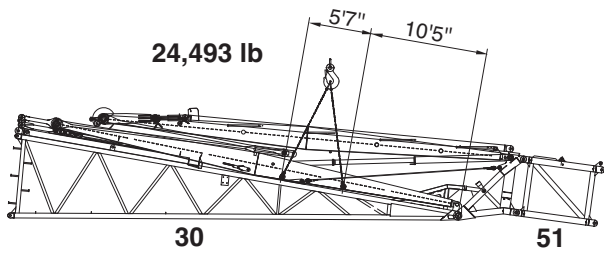


HAV



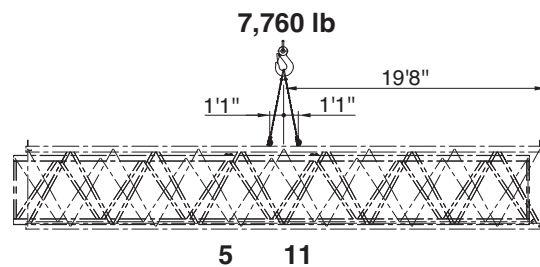
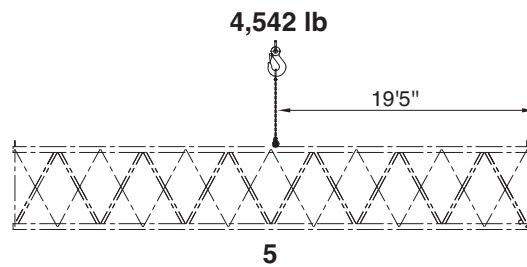
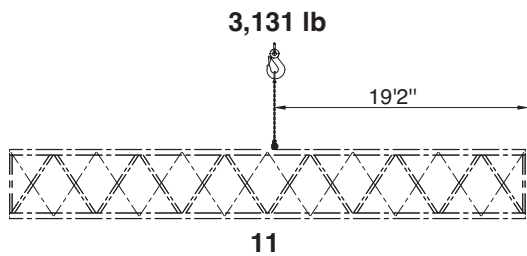
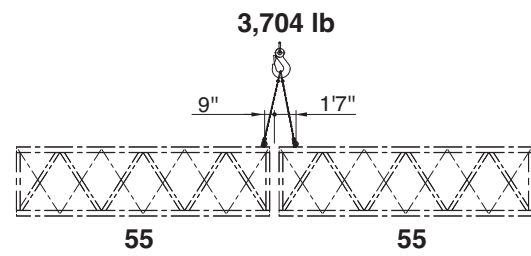
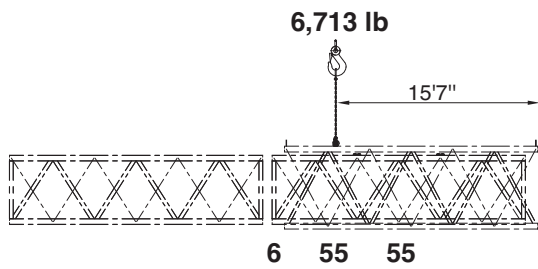
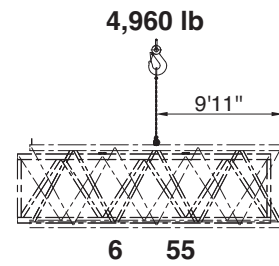
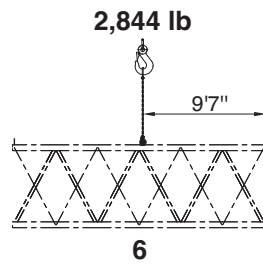
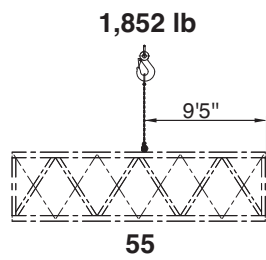
Transportation

Jib

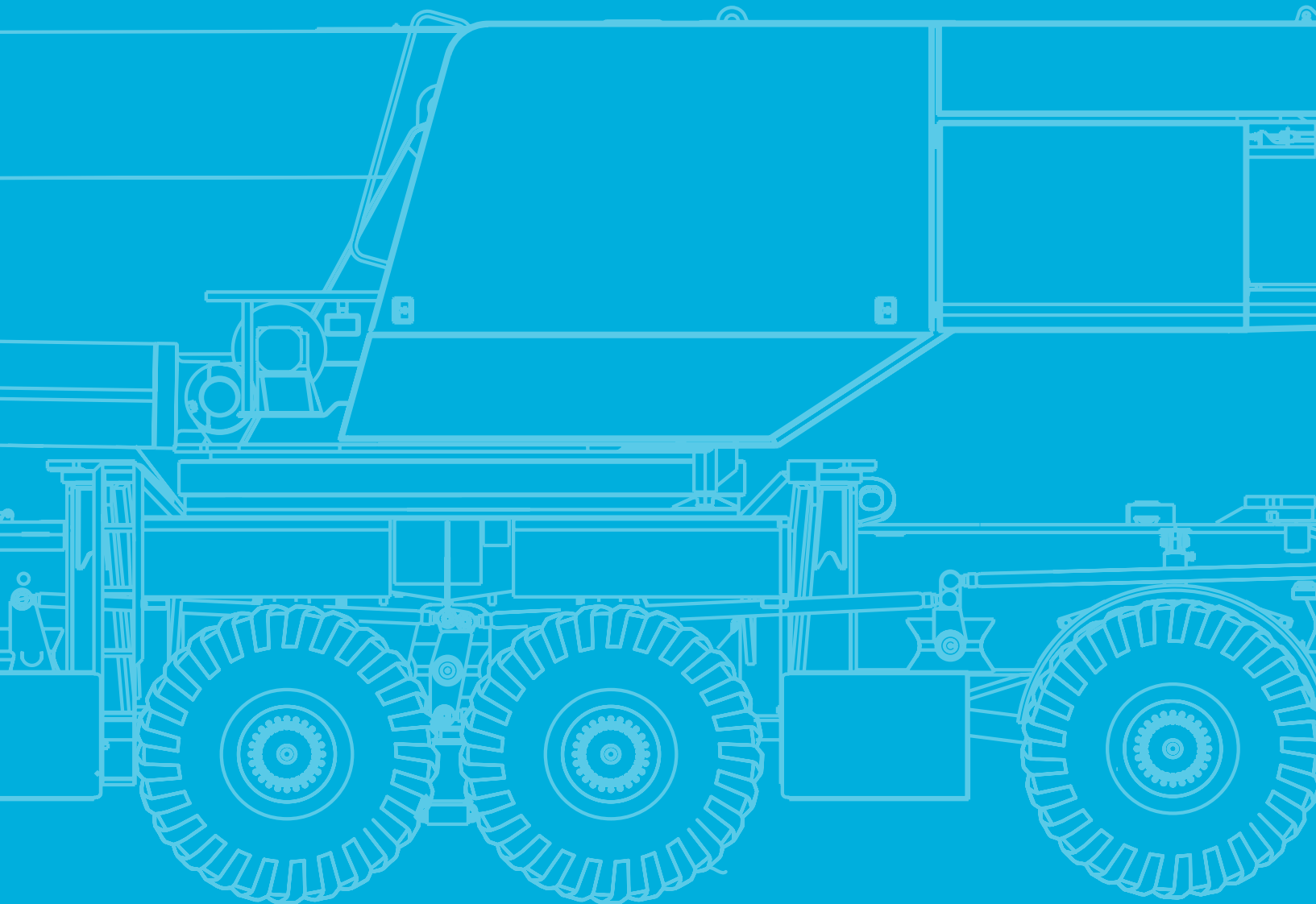


Transportation

Jib



TECHNICAL DATA FOR OPERATION



Operation

Main boom



approx. 480 s (50.9 – 196.9 ft)



approx. 120 s (-5° - +83°)

Slewing



0,7 min⁻¹

Hoist



1

446.2 ft/min

30,350 lbf

1.02"

1805 ft

2

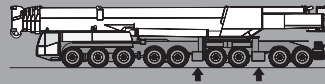
492.1 ft/min

30,350 lbf

1.02"

2526 ft

Outrigger cylinders



408,000 lb








408,000 lb

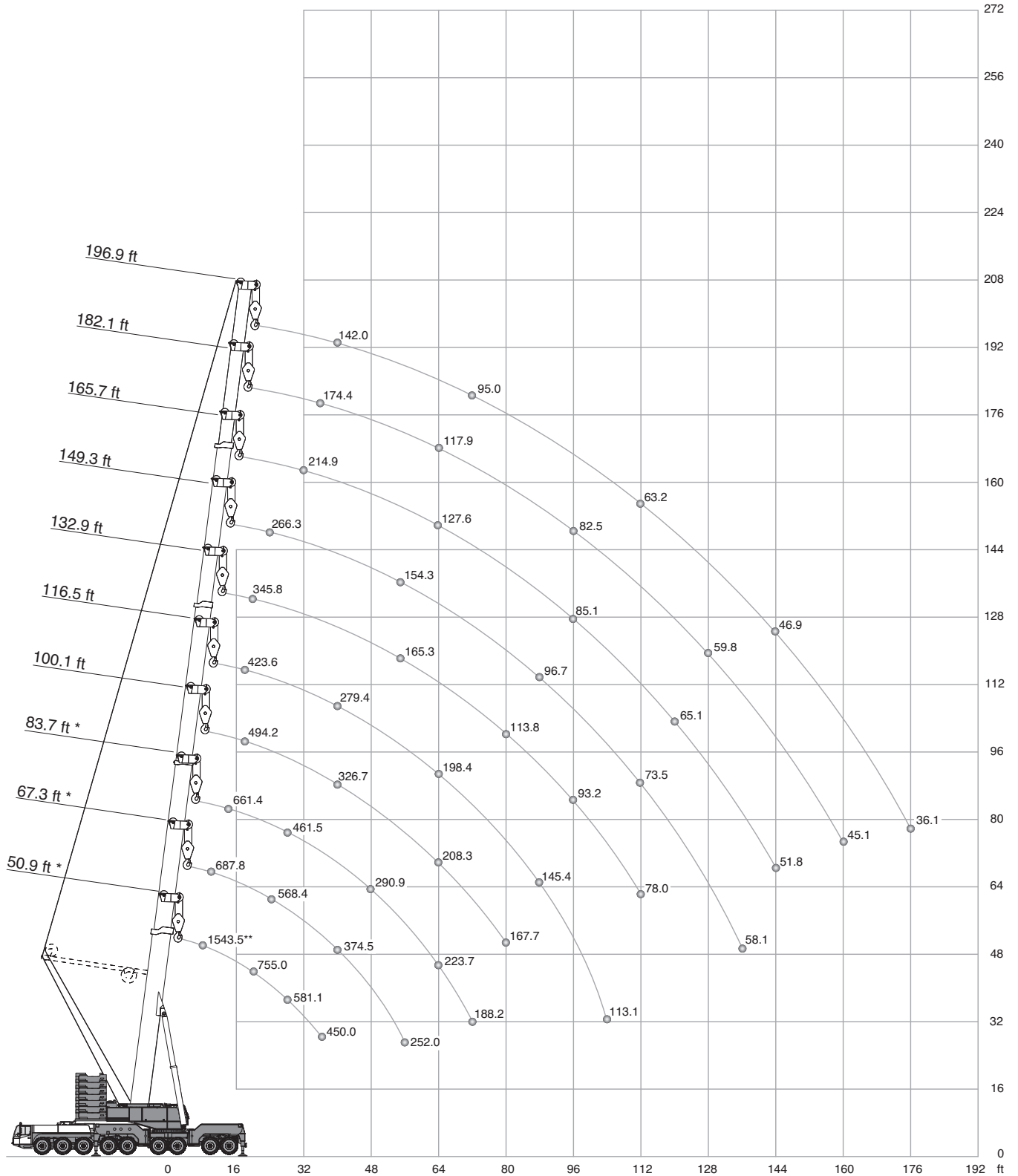


21.7"

21.7"

Operation

Hook Blocks 					
					
33,100 lb	30,000 lb	9	1	2,000 lb	6.6 ft
88,200 lb	59,540 lb	9	2	2,700 lb	8.9 ft
88,200 lb	88,860 lb	9	3	2,700 lb	8.9 ft
220,500 lb	118,000 lb	9	4	4,000 lb	9.8 ft
220,500 lb	146,600 lb	9	5	4,000 lb	9.8 ft
220,500 lb	175,100 lb	9	6	4,000 lb	9.8 ft
220,500 lb	203,300 lb	9	7	4,000 lb	9.8 ft
352,700 lb	231,100 lb	9	8	4,900 lb	9.8 ft
352,700 lb	258,700 lb	9	9	4,900 lb	9.8 ft
352,700 lb	286,000 lb	9	10	4,900 lb	9.8 ft
352,700 lb	313,100 lb	9	11	4,900 lb	9.8 ft
441,000 lb	339,800 lb	9	12	5,700 lb	9.8 ft
441,000 lb	366,300 lb	9	13	5,700 lb	9.8 ft
441,000 lb	392,700 lb	9	14	5,700 lb	9.8 ft
441,000 lb	418,500 lb	9	15	5,700 lb	9.8 ft
551,200 lb	444,300 lb	9	16	6,200 lb	14.8 ft
551,200 lb	469,900 lb	9	17	6,200 lb	14.8 ft
551,200 lb	495,000 lb	9	18	6,200 lb	14.8 ft
551,200 lb	520,000 lb	9 + 4	19	6,200 lb	14.8 ft
705,600 lb	544,600 lb	9 + 4	20	7,700 lb	14.8 ft
705,600 lb	569,100 lb	9 + 4	21	7,700 lb	14.8 ft
705,600 lb	593,400 lb	9 + 4	22	7,700 lb	14.8 ft
705,600 lb	617,400 lb	9 + 4	23	7,700 lb	14.8 ft
705,600 lb	641,000 lb	9 + 4	24	8,800 lb	14.8 ft
705,600 lb	664,600 lb	9 + 4	25	8,800 lb	14.8 ft
705,600 lb	688,000 lb	9 + 4	26	8,800 lb	14.8 ft



** Max. crane capacity – with additional special equipment

Operation

HA

308,600 lb		360°														ASME B30.5	
ft		50.9 ft*	50.9 ft	67.3 ft*	67.3 ft	83.7 ft*	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	ft		
1,000 lb																	
8	1543.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
10	1255.1 ¹⁾	687.8	687.8	687.8	687.8	-	-	-	-	-	-	-	-	-	-	10	
12	1067.8 ¹⁾	687.8	687.8	687.8	687.8	-	-	-	-	-	-	-	-	-	-	12	
14	967.5 ¹⁾	687.8	687.8	687.8	687.8	661.4	661.4	-	-	-	-	-	-	-	-	14	
16	884.3 ¹⁾	674.5	687.8	672.9	661.4	661.4	-	-	-	-	-	-	-	-	-	16	
18	817.2 ¹⁾	635.9	670.7	633.7	630.3	630.3	494.2	423.6	-	-	-	-	-	-	-	18	
20	755.0 ¹⁾	594.4	646.2	592.0	591.5	591.5	478.1	409.9	345.8	-	-	-	-	-	-	20	
24	659.7	529.3	568.4	525.5	519.8	519.8	446.5	381.1	314.2	266.3	-	-	-	-	-	24	
28	581.1	473.7	504.4	471.5	461.5	461.5	415.8	354.2	285.9	248.7	-	-	-	-	-	28	
32	513.5	429.2	452.9	425.4	412.7	412.7	385.2	327.3	260.6	232.5	214.9	-	-	-	-	32	
36	450.0	393.2	412.0	388.8	374.5	374.5	355.6	302.6	239.6	216.9	200.9	174.4	-	-	-	36	
40	-	-	374.5	355.1	339.9	339.9	326.7	279.4	220.2	201.8	187.6	162.8	142.0	-	-	40	
48	-	-	318.9	303.5	290.9	290.9	277.7	245.9	190.4	176.0	163.4	144.6	126.9	-	-	48	
56	-	-	252.0	239.5	252.6	252.6	238.2	219.9	165.3	154.3	143.9	129.7	114.8	-	-	56	
64	-	-	-	-	223.7	223.7	208.3	198.4	144.9	135.8	127.6	117.9	104.4	-	-	64	
72	-	-	-	-	188.2	179.6	185.7	177.9	128.2	120.5	113.8	107.2	95.0	-	-	72	
80	-	-	-	-	-	-	167.7	160.6	113.8	107.4	103.2	97.9	87.1	-	-	80	
88	-	-	-	-	-	-	-	145.4	102.7	96.7	93.8	89.9	80.4	-	-	88	
96	-	-	-	-	-	-	-	132.6	93.2	87.3	85.1	82.5	73.7	-	-	96	
104	-	-	-	-	-	-	-	113.1	85.7	80.2	78.0	75.8	67.9	-	-	104	
112	-	-	-	-	-	-	-	-	78.0	73.5	71.3	69.2	63.2	-	-	112	
120	-	-	-	-	-	-	-	-	-	67.3	65.1	64.6	58.4	-	-	120	
128	-	-	-	-	-	-	-	-	-	62.8	60.4	59.8	54.1	-	-	128	
136	-	-	-	-	-	-	-	-	-	58.1	55.7	55.6	50.4	-	-	136	
144	-	-	-	-	-	-	-	-	-	-	51.8	51.8	46.9	-	-	144	
152	-	-	-	-	-	-	-	-	-	-	-	48.3	43.7	-	-	152	
160	-	-	-	-	-	-	-	-	-	-	-	45.1	41.0	-	-	160	
168	-	-	-	-	-	-	-	-	-	-	-	-	38.5	-	-	168	
176	-	-	-	-	-	-	-	-	-	-	-	-	36.1	-	-	176	

- * central jack leg + 352,700 lb counterweight
- ** Max. crane capacity – with additional special equipment
- ¹⁾ over rear, heavy-lift attachment required





Operation





HA

220,500 lb		360°										ASME B30.5	
ft		50.9 ft	67.3 ft	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	ft	
1,000 lb													
10	687.8	687.8	-	-	-	-	-	-	-	-	-	-	10
12	687.8	687.8	-	-	-	-	-	-	-	-	-	-	12
14	687.8	687.8	661.4	-	-	-	-	-	-	-	-	-	14
16	661.2	659.6	654.7	-	-	-	-	-	-	-	-	-	16
18	619.4	617.1	619.4	494.2	423.6	-	-	-	-	-	-	-	18
20	578.9	576.7	578.7	478.1	409.9	345.8	-	-	-	-	-	-	20
24	514.5	511.6	512.3	446.5	381.1	314.2	266.3	-	-	-	-	-	24
28	461.6	457.2	459.4	415.8	354.2	285.9	248.7	-	-	-	-	-	28
32	416.5	413.8	412.7	385.2	327.3	260.6	232.5	214.9	-	-	-	-	32
36	381.0	377.8	374.5	355.6	302.6	239.6	216.9	200.9	174.4	-	-	-	36
40	-	343.0	339.3	326.7	279.4	220.2	201.8	187.6	162.8	142.0	-	-	40
48	-	280.0	281.5	277.7	245.9	190.4	176.0	163.4	144.6	126.9	-	-	48
56	-	227.2	233.7	237.0	219.9	165.3	154.3	143.9	129.7	114.8	-	-	56
64	-	-	191.7	196.1	197.5	144.9	135.8	127.6	117.9	104.4	-	-	64
72	-	-	156.2	159.5	163.9	128.2	120.5	113.8	107.2	95.0	-	-	72
80	-	-	-	133.5	137.7	113.8	107.4	103.2	97.9	87.1	-	-	80
88	-	-	-	-	117.6	102.7	96.7	93.8	89.9	80.4	-	-	88
96	-	-	-	-	101.5	93.2	87.3	85.1	82.5	73.7	-	-	96
104	-	-	-	-	89.5	84.8	80.2	78.0	75.8	67.9	-	-	104
112	-	-	-	-	-	75.5	73.5	71.3	69.2	63.2	-	-	112
120	-	-	-	-	-	-	66.6	65.1	64.6	58.4	-	-	120
128	-	-	-	-	-	-	59.5	60.2	59.8	54.1	-	-	128
136	-	-	-	-	-	-	53.0	54.1	55.6	50.4	-	-	136
144	-	-	-	-	-	-	-	48.3	50.7	46.9	-	-	144
152	-	-	-	-	-	-	-	-	45.5	43.7	-	-	152
160	-	-	-	-	-	-	-	-	41.0	40.8	-	-	160
168	-	-	-	-	-	-	-	-	-	37.2	-	-	168
176	-	-	-	-	-	-	-	-	-	33.4	-	-	176

Operation









HA









☰ 132,300 lb		 360°										ASME B30.5	
		50.9 ft	67.3 ft	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft		
ft	1,000 lb										ft		
10	687.8	687.8	-	-	-	-	-	-	-	-	-	10	
12	687.8	687.8	-	-	-	-	-	-	-	-	-	12	
14	679.6	678.4	661.4	-	-	-	-	-	-	-	-	14	
16	644.2	641.9	639.8	-	-	-	-	-	-	-	-	16	
18	602.8	600.6	600.6	494.2	423.6	-	-	-	-	-	-	18	
20	563.5	561.3	561.5	478.1	409.9	345.8	-	-	-	-	-	20	
24	499.8	496.9	499.1	446.5	381.1	314.2	266.3	-	-	-	-	24	
28	448.4	445.2	446.2	415.8	354.2	285.9	248.7	-	-	-	-	28	
32	395.0	391.1	392.8	385.2	327.3	260.6	232.5	214.9	-	-	-	32	
36	347.1	342.7	344.9	345.9	302.6	239.6	216.9	200.9	174.4	-	-	36	
40	-	298.3	300.7	305.1	279.4	220.2	201.8	187.6	162.8	142.0	-	40	
48	-	224.5	228.2	232.9	236.2	190.4	176.0	163.4	144.6	126.9	-	48	
56	-	164.6	166.8	171.7	177.2	164.7	154.3	143.9	129.7	114.8	-	56	
64	-	-	128.0	132.5	137.1	133.8	132.5	127.6	117.9	104.4	-	64	
72	-	-	101.9	105.3	109.7	106.4	107.5	109.5	107.2	95.0	-	72	
80	-	-	-	86.7	90.3	87.8	87.8	90.1	92.3	87.1	-	80	
88	-	-	-	-	75.9	73.1	73.1	74.8	77.5	78.1	-	88	
96	-	-	-	-	64.7	61.7	62.0	63.5	66.2	66.6	-	96	
104	-	-	-	-	56.0	51.9	52.3	54.1	56.7	57.3	-	104	
112	-	-	-	-	-	43.9	44.1	45.7	48.5	49.2	-	112	
120	-	-	-	-	-	-	37.4	38.9	41.8	42.2	-	120	
128	-	-	-	-	-	-	31.8	33.3	35.9	36.3	-	128	
136	-	-	-	-	-	-	27.2	28.4	30.8	31.3	-	136	
144	-	-	-	-	-	-	-	24.2	26.4	26.9	-	144	
152	-	-	-	-	-	-	-	-	22.7	23.1	-	152	
160	-	-	-	-	-	-	-	-	19.6	19.8	-	160	
168	-	-	-	-	-	-	-	-	-	17.0	-	168	
176	-	-	-	-	-	-	-	-	-	14.3	-	176	

☰ 0 lb		 360°										ASME B30.5	
		50.9 ft	67.3 ft	83.7 ft	100.1 ft	116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft		
ft	1,000 lb										ft		
10	687.8	687.8	-	-	-	-	-	-	-	-	-	10	
12	687.1	686.4	-	-	-	-	-	-	-	-	-	12	
14	663.3	661.1	652.0	-	-	-	-	-	-	-	-	14	
16	615.5	613.3	615.5	-	-	-	-	-	-	-	-	16	
18	569.8	567.6	569.8	494.2	423.6	-	-	-	-	-	-	18	
20	523.1	520.9	520.5	470.2	405.5	343.5	-	-	-	-	-	20	
24	425.2	406.3	378.6	340.6	314.6	274.7	248.0	-	-	-	-	24	
28	317.8	279.2	252.7	237.6	226.3	200.1	185.5	-	-	-	-	28	
32	201.7	188.2	183.6	176.8	172.4	153.6	144.0	137.7	-	-	-	32	
36	144.9	136.0	137.6	138.0	139.0	124.6	117.4	112.9	111.2	-	-	36	
40	-	94.8	98.0	104.4	109.9	99.7	94.6	91.5	91.5	87.3	-	40	
48	-	56.9	59.1	63.9	69.3	66.0	65.5	65.3	65.7	63.6	-	48	
56	-	36.0	37.4	41.8	46.9	43.7	44.4	46.3	48.4	46.9	-	56	
64	-	-	23.9	27.8	32.3	29.4	29.9	31.9	34.6	34.6	-	64	
72	-	-	13.7	17.8	22.3	19.4	20.0	21.8	24.5	25.1	-	72	
80	-	-	-	10.0	14.8	11.1	11.7	13.9	17.0	17.7	-	80	
88	-	-	-	-	8.5	-	-	7.4	10.4	11.3	-	88	
96	-	-	-	-	-	-	-	-	-	6.1	-	96	

Operation





HA-SSL 0°

☰ 352,700 lb		 360°					ASME B30.5		
 116.5 ft	 132.9 ft	 149.3 ft	 165.7 ft	 182.1 ft	 196.9 ft				
ft	1,000 lb						ft		
18	429.9	-	-	-	-	-	18		
20	429.3	360.7	-	-	-	-	20		
24	421.2	350.7	303.7	-	-	-	24		
28	410.8	342.6	294.1	250.1	-	-	28		
32	394.0	332.9	287.7	247.5	204.7	158.2	32		
36	370.9	322.1	281.2	243.7	200.7	155.5	36		
40	346.7	310.9	274.7	239.5	196.6	152.7	40		
48	299.7	283.4	263.3	229.4	186.8	145.6	48		
56	259.1	253.8	242.8	220.2	176.1	137.6	56		
64	226.4	225.1	218.2	206.1	165.3	129.5	64		
72	201.2	201.1	197.8	190.0	155.6	122.5	72		
80	179.4	181.1	180.2	174.0	146.2	115.8	80		
88	157.4	161.9	163.2	159.3	136.8	109.5	88		
96	133.8	143.8	147.1	145.2	128.1	104.1	96		
104	102.3	127.7	131.9	132.7	120.0	98.8	104		
112	-	107.8	118.4	120.6	112.0	94.5	112		
120	-	-	105.6	110.2	103.9	89.4	120		
128	-	-	89.7	101.4	96.4	85.4	128		
136	-	-	-	90.1	90.0	81.7	136		
144	-	-	-	76.7	84.0	78.4	144		
152	-	-	-	-	77.0	74.4	152		
160	-	-	-	-	66.5	70.4	160		
168	-	-	-	-	-	63.8	168		
176	-	-	-	-	-	54.7	176		

☰ 264,600 lb		 360°					ASME B30.5		
 116.5 ft	 132.9 ft	 149.3 ft	 165.7 ft	 182.1 ft	 196.9 ft				
ft	1,000 lb						ft		
18	429.9	-	-	-	-	-	18		
20	429.3	360.7	-	-	-	-	20		
24	421.2	350.7	303.7	-	-	-	24		
28	410.8	342.6	294.1	250.1	-	-	28		
32	394.0	332.9	287.7	247.5	204.7	158.2	32		
36	368.8	322.1	281.2	243.7	200.7	155.5	36		
40	341.9	310.9	274.7	239.5	196.6	152.7	40		
48	290.9	283.4	263.3	229.4	186.8	145.6	48		
56	247.9	249.1	242.8	220.2	176.1	137.6	56		
64	209.9	212.9	214.9	206.1	165.3	129.5	64		
72	179.2	183.6	186.9	190.0	155.6	122.5	72		
80	154.7	159.1	162.4	165.9	146.2	115.8	80		
88	131.0	134.9	138.3	142.7	136.8	109.5	88		
96	112.2	115.5	118.8	123.2	125.3	104.1	96		
104	97.6	100.9	103.2	107.6	111.0	98.8	104		
112	-	87.7	90.9	94.2	97.5	94.5	112		
120	-	-	80.5	83.8	87.1	88.2	120		
128	-	-	71.6	74.9	78.2	78.8	128		
136	-	-	-	67.2	70.2	70.7	136		
144	-	-	-	60.7	63.5	64.2	144		
152	-	-	-	-	57.4	58.3	152		
160	-	-	-	-	52.0	52.6	160		
168	-	-	-	-	-	47.8	168		
176	-	-	-	-	-	43.2	176		

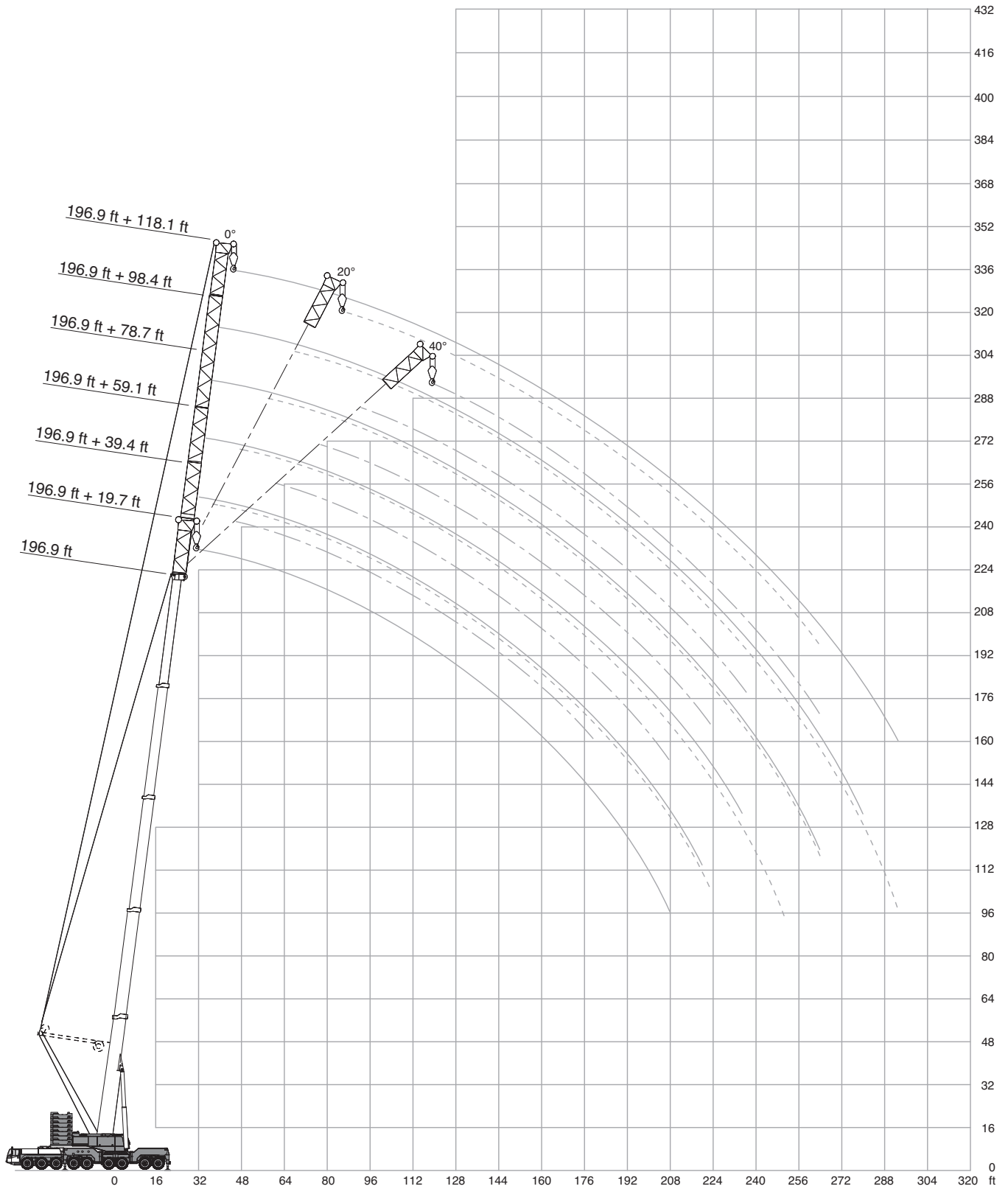
Operation

HA-SSL 0°

☰ 220,500 lb		 360°					ASME B30.5	
		116.5 ft	132.9 ft	149.3 ft	165.7 ft	182.1 ft	196.9 ft	
ft	1,000 lb							ft
18	429.9	-	-	-	-	-	-	18
20	429.3	360.7	-	-	-	-	-	20
24	421.2	350.7	303.7	-	-	-	-	24
28	410.8	342.6	294.1	250.1	-	-	-	28
32	394.0	332.9	287.7	247.5	204.7	158.2	-	32
36	366.6	322.1	281.2	243.7	200.7	155.5	-	36
40	337.1	310.9	274.7	239.5	196.6	152.7	-	40
48	279.3	279.2	263.3	229.4	186.8	145.6	-	48
56	231.4	235.3	238.1	220.2	176.1	137.6	-	56
64	192.8	196.9	201.1	199.4	165.3	129.5	-	64
72	156.2	160.6	165.0	169.3	155.6	122.5	-	72
80	128.9	133.3	136.6	141.9	144.3	115.8	-	80
88	108.8	112.7	116.0	120.4	123.7	109.5	-	88
96	92.7	96.0	99.3	103.0	106.3	104.1	-	96
104	78.8	82.1	85.4	89.7	92.0	93.2	-	104
112	-	71.1	74.4	77.7	81.0	82.1	-	112
120	-	-	65.2	68.7	72.0	72.7	-	120
128	-	-	57.1	61.0	64.1	64.6	-	128
136	-	-	-	53.8	57.1	58.0	-	136
144	-	-	-	47.7	50.8	51.4	-	144
152	-	-	-	-	45.2	46.0	-	152
160	-	-	-	-	40.4	41.1	-	160
168	-	-	-	-	-	36.9	-	168
176	-	-	-	-	-	33.0	-	176

Operation

HAV, HAV-SSL 0°



Operation






HAV






220,500 lb													360°		ASME B30.5	
196.9 ft																
ft	19.7 ft	39.4 ft		59.1 ft		78.7 ft		98.4 ft		118.1 ft		ft				
		0°	0°	20°	0°	20°	0°	20°	0°	20°	0°		20°			
1,000 lb																
48	99.9	-	-	-	-	-	-	-	-	-	-	48				
56	91.1	78.5	-	66.8	-	-	-	-	-	-	-	56				
64	83.3	71.6	62.7	61.6	-	50.6	-	41.9	-	-	-	64				
72	76.2	65.6	58.9	57.0	-	47.3	-	39.9	-	33.3	-	72				
80	70.1	60.6	55.5	53.0	45.4	44.3	-	38.1	-	31.7	-	80				
88	64.5	56.2	52.4	49.3	43.1	41.6	33.1	36.2	-	29.9	-	88				
96	59.6	52.4	49.5	46.1	40.8	39.1	31.9	34.3	27.8	28.3	-	96				
104	55.2	49.1	46.6	43.3	38.8	36.9	30.8	32.4	26.6	26.7	-	104				
112	51.2	45.9	44.0	40.6	36.9	34.7	29.7	30.8	25.3	25.1	20.5	112				
120	47.6	43.2	41.5	38.2	35.1	32.8	28.6	28.9	24.2	23.6	19.6	120				
128	44.2	40.4	39.2	35.9	33.5	30.9	27.7	27.2	22.9	22.1	18.6	128				
136	41.1	37.9	37.1	33.8	31.9	29.1	26.7	25.5	21.7	20.8	17.7	136				
144	38.3	35.4	34.9	31.8	30.5	27.4	25.6	23.9	20.3	19.5	16.8	144				
152	35.8	33.2	32.8	29.9	28.9	25.8	24.5	22.3	19.2	18.1	15.9	152				
160	33.5	31.1	30.9	28.1	27.3	24.4	23.5	20.9	18.0	16.9	15.0	160				
168	31.4	29.1	29.1	26.3	25.7	22.9	22.3	19.4	16.9	15.6	14.1	168				
176	29.4	27.2	27.4	24.7	24.2	21.4	21.1	18.1	15.8	14.3	13.1	176				
184	27.6	25.5	25.7	23.2	22.9	20.0	19.9	16.8	14.8	13.2	12.3	184				
192	-	23.9	24.2	21.7	21.5	18.7	18.7	15.6	13.9	12.1	11.5	192				
200	-	22.5	22.7	20.3	20.2	17.5	17.7	14.4	13.0	11.0	10.7	200				
208	-	21.1	-	18.9	18.9	16.2	16.5	13.3	12.0	10.0	9.9	208				
216	-	-	-	17.7	17.7	15.1	15.3	12.2	11.1	8.9	9.1	216				
224	-	-	-	16.5	16.8	14.0	14.2	11.1	10.3	8.0	8.3	224				
232	-	-	-	-	-	12.9	13.2	10.1	9.5	7.2	7.5	232				
240	-	-	-	-	-	11.8	12.2	9.1	8.8	6.3	6.7	240				
248	-	-	-	-	-	-	-	8.2	8.2	5.6	6.0	248				
256	-	-	-	-	-	-	-	7.3	7.5	-	-	256				
264	-	-	-	-	-	-	-	-	7.0	-	-	264				

132,300 lb													360°		ASME B30.5		
196.9 ft																	
ft	19.7 ft	39.4 ft			59.1 ft			78.7 ft			98.4 ft			118.1 ft			ft
		0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
1,000 lb																	
48	99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
56	91.1	78.5	-	-	66.8	-	-	-	-	-	-	-	-	-	-	-	56
64	83.3	71.6	62.7	-	61.6	-	-	50.6	-	-	41.9	-	-	-	-	-	64
72	76.2	65.6	58.9	-	57.0	-	-	47.3	-	-	39.9	-	-	33.3	-	-	72
80	70.1	60.6	55.5	51.5	53.0	45.4	-	44.3	-	-	38.1	-	-	31.7	-	-	80
88	64.5	56.2	52.4	49.2	49.3	43.1	38.5	41.6	33.1	-	36.2	-	-	29.9	-	-	88
96	59.6	52.4	49.5	46.9	46.1	40.8	36.9	39.1	31.9	-	34.3	27.8	-	28.3	-	-	96
104	53.9	49.1	46.6	44.8	43.3	38.8	35.5	36.9	30.8	25.9	32.4	26.6	-	26.7	-	-	104
112	46.8	45.8	44.0	42.9	40.6	36.9	34.1	34.7	29.7	25.6	30.8	25.3	-	25.1	20.5	-	112
120	40.6	40.6	41.5	40.8	38.2	35.1	32.8	32.8	28.6	25.2	28.9	24.2	20.5	23.6	19.6	-	120
128	35.1	35.1	38.0	38.8	35.6	33.5	31.4	30.9	27.7	24.8	27.2	22.9	19.7	22.1	18.6	-	128
136	30.2	30.3	33.1	34.9	31.7	31.9	30.0	29.1	26.7	24.4	25.5	21.7	18.9	20.8	17.7	15.3	136
144	26.0	26.2	28.6	30.2	27.5	30.5	28.9	27.4	25.6	23.8	23.9	20.3	18.1	19.5	16.8	14.6	144
152	22.2	22.5	24.6	25.9	23.8	27.3	27.6	25.1	24.5	23.3	22.3	19.2	17.3	18.1	15.9	14.0	152
160	18.8	19.0	20.9	22.0	20.6	23.8	25.8	21.9	23.5	22.8	20.9	18.0	16.5	16.9	15.0	13.5	160
168	15.8	16.0	17.7	-	17.6	20.5	22.4	19.0	21.9	22.1	19.1	16.9	15.8	15.6	14.1	13.0	168
176	13.0	13.2	14.8	-	14.7	17.4	19.0	16.3	19.7	21.3	17.0	15.8	15.1	14.3	13.1	12.4	176
184	10.5	10.8	12.0	-	12.4	14.7	16.0	13.8	17.1	19.1	14.8	14.8	14.4	13.2	12.3	11.8	184
192	-	8.6	9.4	-	10.1	12.1	-	11.5	14.5	16.6	12.6	13.9	13.7	12.1	11.5	11.1	192
200	-	6.4	7.1	-	8.0	9.8	-	9.5	12.2	13.9	10.6	13.0	12.9	10.7	10.7	10.6	200
208	-	-	-	-	-	7.6	-	7.5	10.0	11.4	8.6	11.6	12.3	9.1	9.9	10.1	208
216	-	-	-	-	-	5.4	-	5.6	7.9	-	6.7	9.8	11.5	7.4	9.1	9.3	216
224	-	-	-	-	-	-	-	-	6.0	-	-	8.1	9.8	5.8	8.3	8.8	224
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.8	7.3	240

Operation






HAV-SSL 0°






352,700 lb  360° ASME B30.5						
 196.9 ft + 0°						
ft	 19.7 ft	 39.4 ft		 59.1 ft		1,000 lb
		0°	20°	0°	20°	
36	117.4	-	-	-	-	
40	116.5	94.7	-	76.9	-	
48	111.8	90.7	-	73.9	-	
56	107.5	86.6	83.3	70.8	-	
64	103.2	82.8	80.0	67.8	59.5	
72	99.3	79.0	76.8	64.9	56.7	
80	95.5	75.5	73.6	61.9	54.1	
88	91.9	72.1	70.7	59.1	52.0	
96	88.4	69.0	68.1	56.4	50.1	
104	84.9	66.3	65.4	54.1	48.5	
112	81.4	63.6	62.9	51.7	46.9	
120	78.2	61.2	60.6	49.8	45.8	
128	75.1	59.0	58.5	47.8	44.5	
136	72.1	56.9	56.5	46.2	43.5	
144	69.1	55.2	54.7	44.8	42.4	
152	66.4	53.4	52.9	43.5	41.3	
160	63.8	52.0	51.5	42.4	40.5	
168	61.5	50.5	50.0	41.4	39.7	
176	59.2	49.3	48.7	40.5	38.7	
184	53.8	48.1	47.5	39.6	38.0	
192	-	46.9	46.3	38.8	37.3	
200	-	45.4	45.2	38.0	36.5	
208	-	-	-	37.2	35.8	
216	-	-	-	36.4	35.1	
224	-	-	-	-	34.4	

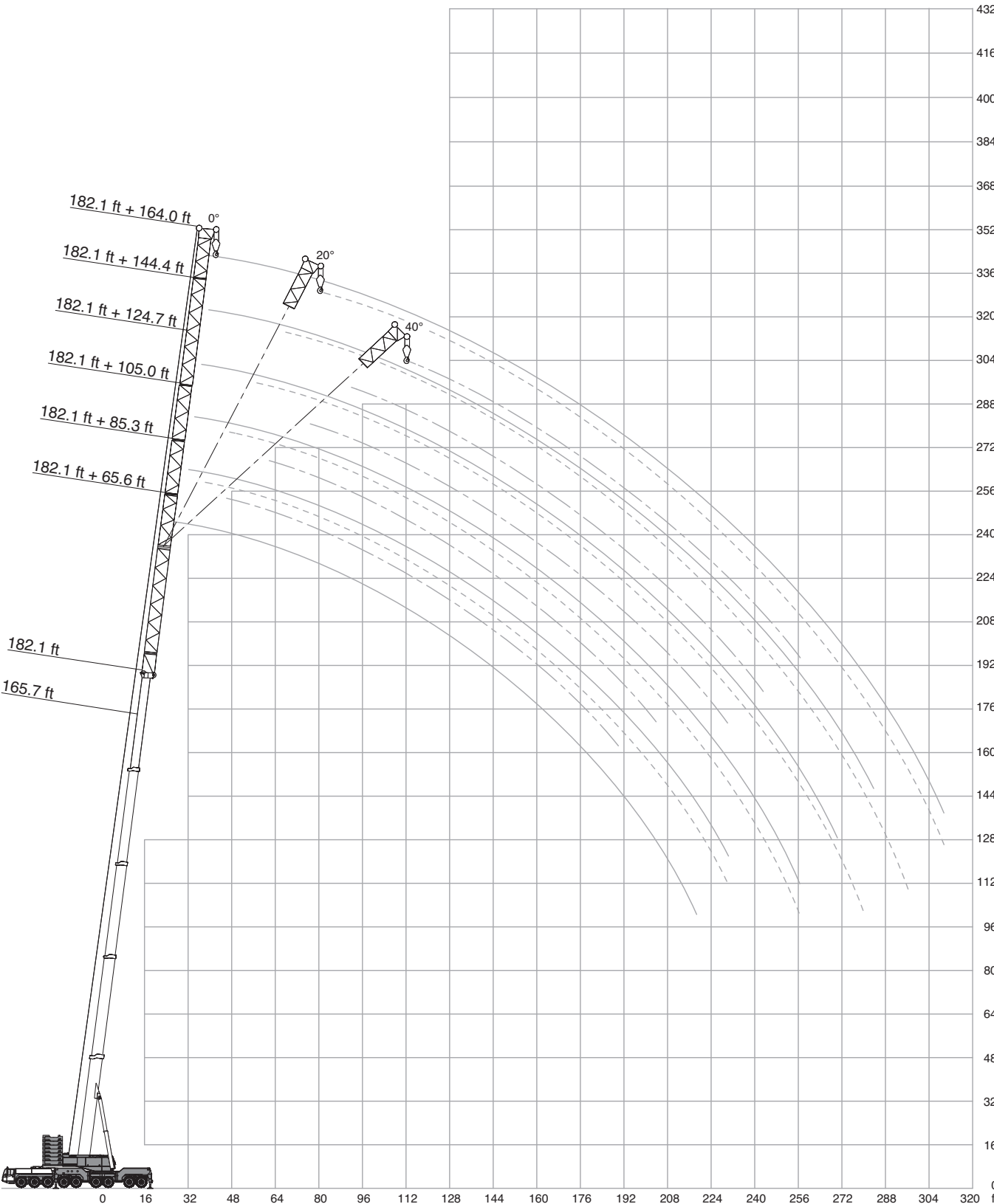
220,500 lb  360° ASME B30.5						
 196.9 ft + 0°						
ft	 19.7 ft	 39.4 ft		 59.1 ft		
		0°	20°	0°	20°	40°
36	117.4	-	-	-	-	-
40	116.5	94.7	-	76.9	-	-
48	111.8	90.7	-	73.9	-	-
56	107.5	86.6	83.3	70.8	-	-
64	103.2	82.8	80.0	68.1	67.8	59.5
72	99.3	79.0	76.8	67.0	64.9	56.7
80	95.5	75.5	73.6	65.9	61.9	54.1
88	91.9	72.1	70.7	64.6	59.1	52.0
96	88.4	69.0	68.1	63.2	56.4	50.1
104	84.9	66.3	65.4	61.7	54.1	48.5
112	81.3	63.6	62.9	60.3	51.7	46.9
120	74.9	61.2	60.6	58.7	49.8	45.8
128	66.8	59.0	58.5	57.1	47.8	44.5
136	59.7	56.9	56.5	55.5	46.2	43.5
144	53.4	53.9	54.7	53.9	44.8	42.4
152	47.6	48.3	50.6	51.7	43.5	41.3
160	42.7	43.2	45.2	46.4	42.4	40.5
168	38.3	38.7	40.6	-	40.0	39.6
176	34.1	34.6	36.1	-	36.3	38.5
184	30.6	31.0	32.3	-	32.7	35.1
192	-	27.6	28.7	-	29.3	31.5
200	-	24.6	25.6	-	26.2	28.1
208	-	-	-	-	23.4	25.1
216	-	-	-	-	20.9	22.2
224	-	-	-	-	-	19.7

Operation

HAV-SSL 30°

352,700 lb  360° ASME B30.5						
 196.9 ft +  30°						
 	<u>39.4 ft</u> 0°	<u>59.1 ft</u> 0°	<u>78.7 ft</u> 0°	<u>98.4 ft</u> 0°	<u>118.1 ft</u> 0°	
ft	1,000 lb					
48	111.2	87.0	63.6	-	-	
56	102.0	80.5	58.7	50.8	42.7	
64	93.2	74.4	54.4	47.0	39.6	
72	84.8	68.7	50.6	43.7	36.7	
80	76.9	63.6	47.4	40.8	34.2	
88	69.5	58.6	44.7	38.4	31.9	
96	62.8	54.2	42.3	36.1	29.9	
104	57.1	50.3	40.4	34.2	28.2	
112	51.6	46.6	38.3	32.5	26.6	
120	47.0	43.3	36.6	31.0	25.0	
128	43.1	40.1	34.8	29.6	23.8	
136	39.7	37.4	33.2	28.3	22.7	
144	36.9	34.9	31.4	27.0	21.7	
152	34.3	32.6	29.8	25.8	20.8	
160	32.2	30.4	28.2	24.6	19.8	
168	30.2	28.5	26.5	23.5	19.1	
176	28.5	26.7	24.9	22.4	18.4	
184	26.7	25.1	23.4	21.3	17.7	
192	25.0	23.5	22.0	20.3	17.1	
200	23.2	22.2	20.6	19.2	16.4	
208	-	20.8	19.4	18.1	15.7	
216	-	19.3	18.2	17.0	15.0	
224	-	-	16.9	16.1	14.4	
232	-	-	15.8	15.1	13.7	
240	-	-	-	14.0	13.0	
248	-	-	-	13.0	12.3	
256	-	-	-	-	11.5	
264	-	-	-	-	10.4	
272	-	-	-	-	9.3	

220,500 lb  360° ASME B30.5						
 196.9 ft +  30°						
 	<u>39.4 ft</u> 0°	<u>59.1 ft</u> 0°	<u>78.7 ft</u> 0°	<u>98.4 ft</u> 0°	<u>118.1 ft</u> 0°	
ft	1,000 lb					
48	111.2	87.0	63.6	-	-	
56	102.0	80.5	58.7	50.8	42.7	
64	93.2	74.4	54.4	47.0	39.6	
72	84.8	68.7	50.6	43.7	36.7	
80	76.9	63.6	47.4	40.8	34.2	
88	69.5	58.6	44.7	38.4	31.9	
96	62.8	54.2	42.3	36.1	29.9	
104	57.1	50.3	40.4	34.2	28.2	
112	51.6	46.6	38.3	32.5	26.6	
120	47.0	43.3	36.6	31.0	25.0	
128	43.1	40.1	34.8	29.6	23.8	
136	39.7	37.4	33.2	28.3	22.7	
144	36.9	34.9	31.4	27.0	21.7	
152	34.3	32.6	29.8	25.8	20.8	
160	32.2	30.4	28.2	24.6	19.8	
168	30.2	28.5	26.5	23.5	19.1	
176	28.5	26.7	24.9	22.4	18.4	
184	26.7	25.1	23.4	21.3	17.7	
192	25.0	23.5	22.0	20.3	17.1	
200	23.2	22.2	20.6	19.2	16.4	
208	-	20.8	19.4	18.1	15.7	
216	-	19.3	18.2	17.0	15.0	
224	-	-	16.9	16.1	14.4	
232	-	-	15.8	15.1	13.7	
240	-	-	-	14.0	13.0	
248	-	-	-	13.0	12.3	
256	-	-	-	-	11.5	
264	-	-	-	-	10.4	
272	-	-	-	-	9.3	



Operation

360°																	ASME B30.5		
165.7 ft																			
ft	65.6 ft			85.3 ft			105.0 ft			124.7 ft			144.4 ft			164.0 ft			ft
	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
1,000 lb																			
48	101.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	
56	92.4	80.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	
64	84.2	73.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	
72	76.9	68.0	62.9	-	65.8	-	-	53.7	-	-	-	-	-	-	-	-	-	72	
80	70.8	62.7	58.9	55.8	60.5	-	-	51.0	-	-	41.3	-	-	-	-	-	-	80	
88	65.5	58.0	55.0	52.8	55.8	50.5	-	48.3	-	-	38.9	-	-	34.1	-	-	-	88	
96	60.8	53.8	51.7	50.0	51.6	48.0	-	45.6	34.8	-	36.8	-	-	32.0	-	-	-	96	
104	56.7	50.1	48.5	47.3	47.8	45.3	41.3	42.9	33.8	-	34.7	26.1	-	30.0	-	-	-	104	
112	53.2	46.8	45.5	44.6	44.5	42.8	39.8	40.2	32.9	-	32.7	24.8	-	28.2	-	-	-	112	
120	49.8	43.9	42.9	42.4	41.5	40.4	38.3	37.8	31.9	26.6	30.8	23.7	-	26.3	21.1	-	-	120	
128	46.9	41.3	40.6	40.1	39.1	38.1	36.6	35.4	31.1	26.2	29.1	22.7	19.5	24.5	20.3	-	-	128	
136	44.3	39.1	38.4	38.1	36.7	35.9	34.8	32.9	30.0	25.8	27.3	21.8	19.0	22.9	19.5	-	-	136	
144	41.8	37.1	36.5	36.2	34.6	33.8	33.1	30.7	28.7	25.3	25.7	20.9	18.6	21.5	18.7	-	-	144	
152	39.4	35.3	34.8	34.4	32.5	31.8	31.4	28.7	27.6	24.7	24.3	20.3	18.1	19.9	17.7	15.2	-	152	
160	37.3	33.7	33.2	32.8	30.6	30.0	29.5	26.7	26.3	24.1	22.7	19.5	17.6	18.6	16.8	14.7	-	160	
168	35.4	32.1	31.7	31.3	28.9	28.4	27.9	25.0	25.2	23.4	21.3	18.7	17.2	17.2	15.8	14.4	-	168	
176	33.4	30.6	30.2	30.0	27.3	26.8	26.4	23.2	23.7	22.7	19.8	18.0	16.8	15.9	14.9	13.8	-	176	
184	31.6	29.3	28.8	-	25.8	25.1	24.9	21.6	22.3	21.9	18.5	17.3	16.4	14.7	13.8	13.1	-	184	
192	29.8	27.9	27.5	-	24.3	23.9	23.5	20.2	20.9	21.0	17.3	16.5	15.9	13.6	12.9	12.4	-	192	
200	27.9	26.4	26.1	-	22.9	22.7	22.3	18.9	19.5	20.0	16.1	15.7	15.3	12.6	11.9	11.7	-	200	
208	-	24.9	24.7	-	21.7	21.5	21.2	17.7	18.0	18.8	14.8	14.9	14.8	11.5	11.0	10.8	-	208	
216	-	23.3	23.2	-	20.5	20.3	-	16.5	16.7	17.4	13.7	14.0	14.1	10.5	10.1	10.1	-	216	
224	-	-	-	-	19.3	19.0	-	15.3	15.5	15.8	12.6	13.1	13.3	9.5	9.3	9.3	-	224	
232	-	-	-	-	18.0	18.1	-	14.4	14.3	-	11.8	12.3	12.5	8.7	8.5	8.6	-	232	
240	-	-	-	-	16.9	17.1	-	13.4	13.2	-	10.8	11.4	11.6	7.9	7.7	7.9	-	240	
248	-	-	-	-	-	-	-	12.5	12.2	-	10.1	10.6	-	7.2	7.1	7.2	-	248	
256	-	-	-	-	-	-	-	11.6	11.5	-	9.3	9.8	-	6.6	6.5	6.7	-	256	
264	-	-	-	-	-	-	-	10.8	-	-	8.6	9.0	-	5.9	5.9	6.2	-	264	
272	-	-	-	-	-	-	-	-	-	-	8.1	8.5	-	5.4	5.4	-	-	272	
280	-	-	-	-	-	-	-	-	-	-	7.6	8.0	-	5.0	5.0	-	-	280	
	-	-	-	-	-	-	-	-	-	-	-	7.4	-	4.6	4.7	-	-	280	

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb

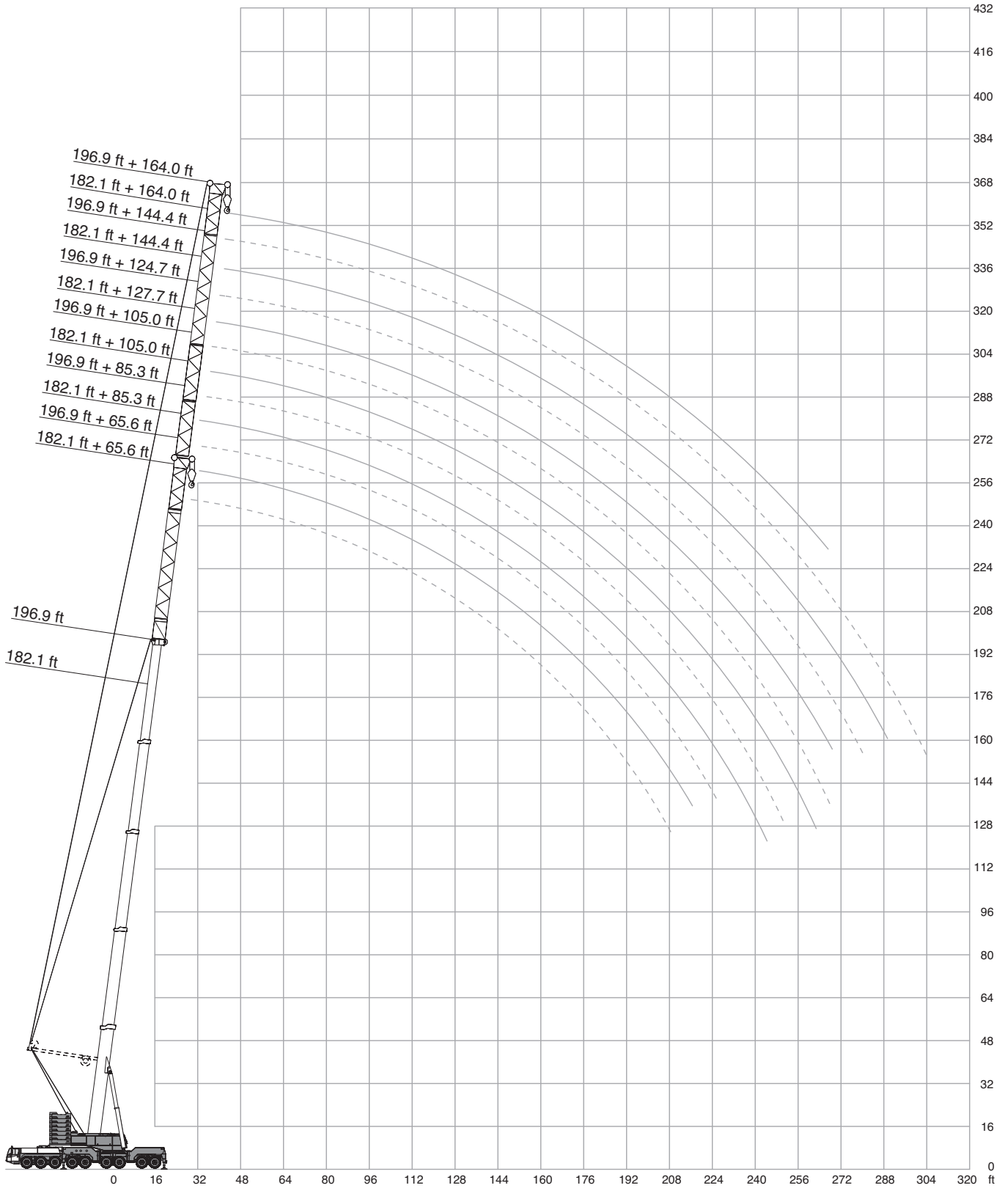
360°																	ASME B30.5		
182.1 ft																			
ft	65.6 ft			85.3 ft			105.0 ft			124.7 ft			144.4 ft			164.0 ft			ft
	0°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
1,000 lb																			
56	78.5	65.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	
64	72.5	60.5	-	-	52.8	-	-	-	-	-	-	-	-	-	-	-	-	64	
72	67.1	55.9	51.0	-	49.2	-	-	44.2	-	-	-	-	-	-	-	-	-	72	
80	62.3	51.9	48.3	45.9	45.8	-	-	41.4	-	-	36.0	-	-	30.5	-	-	-	80	
88	57.9	48.2	45.6	43.3	42.7	38.2	-	38.6	-	-	33.3	-	-	28.3	-	-	-	88	
96	54.2	44.8	42.9	40.8	40.1	35.9	32.8	36.0	32.3	-	30.7	-	-	26.0	-	-	-	96	
104	50.9	41.8	40.2	38.4	37.6	33.6	30.9	33.6	30.8	-	28.5	-	-	24.0	-	-	-	104	
112	47.9	39.1	37.8	36.0	35.2	31.4	29.0	31.2	29.2	26.8	26.3	23.1	-	22.0	-	-	-	112	
120	45.1	36.7	35.4	33.9	33.0	29.5	27.2	28.8	27.6	25.5	24.2	21.5	-	20.3	18.6	-	-	120	
128	42.6	34.4	33.1	31.7	31.0	27.7	25.6	26.7	25.9	24.1	22.4	20.2	18.2	18.5	17.4	-	-	128	
136	40.2	32.4	30.9	29.7	29.1	25.9	24.1	24.7	24.2	22.6	20.6	18.8	17.2	17.1	16.3	-	-	136	
144	38.2	30.5	29.2	27.9	27.4	24.3	22.6	22.8	22.6	21.2	19.0	17.7	16.4	15.7	15.3	-	-	144	
152	36.1	28.7	27.3	26.0	25.6	23.0	21.2	20.9	20.9	19.9	17.5	16.4	15.3	14.2	14.1	13.3	-	152	
160	34.2	27.0	25.7	24.4	24.0	21.6	20.1	19.3	19.3	18.5	16.1	15.3	14.3	13.0	12.9	12.2	-	160	
168	32.5	25.5	24.2	22.9	22.4	20.3	18.9	17.8	17.9	17.2	14.8	14.2	13.4	11.8	11.8	11.2	-	168	
176	30.9	24.0	22.7	21.6	20.7	18.9	17.8	16.3	16.5	15.8	13.4	13.2	12.5	10.7	10.7	10.3	-	176	
184	29.3	22.7	21.5	20.4	19.2	17.8	16.7	15.1	15.2	14.6	12.3	12.1	11.5	9.8	9.8	9.5	-	184	
192	27.7	21.3	20.3	-	17.8	16.7	15.6	13.9	13.9	13.4	11.3	11.0	10.6	8.8	8.8	8.6	-	192	
200	26.0	20.0	19.2	-	16.4	15.7	14.6	13.0	12.8	12.4	10.3	10.1	9.7	7.9	7.9	7.8	-	200	
208	24.5	18.8	18.2	-	15.3	14.7	13.6	12.0	11.9	11.4	9.4	9.2	8.8	7.0	7.0	7.1	-	208	
216	23.0	17.7	17.3	-	14.2	13.7	-	11.1	11.1	10.4	8.4	8.2	8.0	6.2	6.2	6.4	-	216	
224	-	16.4	16.3	-	13.1	12.9	-	10.2	10.3	9.7	7.6	7.4	7.3	5.5	5.5	5.8	-	224	
232	-	15.3	-	-	12.1	12.1	-	9.5	9.5	-	6.8	6.6	6.6	-	-	5.1	-	232	
240	-	-	-	-	11.3	11.5	-	8.7	8.7	-	6.1	6.0	6.0	-	-	4.6	-	240	
248	-	-	-	-	10.6	10.8	-	8.0	8.0	-	5.5	5.4	5.4	-	-	-	-	248	
256	-	-	-	-	-	-	-	7.5	7.5	-	-	-	-	-	-	-	-	256	
264	-	-	-	-	-	-	-	6.7	7.0	-	-	-	-	-	-	-	-	264	
272	-	-	-	-	-	-	-	6.2	6.4	-	-	-	-	-	-	-	-	272	

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb

Operation

LF-SSL 0°/30°



Operation

LF-SSL 0°

360°																	ASME B30.5			
182.1 ft + 0°																				
65.6 ft		85.3 ft			105.0 ft			124.7 ft			144.4 ft			164.0 ft						
0°		0°		20°		40°		0°		20°		40°		0°		20°		40°		
1,000 lb																				
ft																ft				
40	92.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
48	89.6	69.0	-	-	57.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
56	86.6	67.4	-	-	57.1	-	-	48.7	-	-	41.2	-	-	-	-	-	-	-	-	56
64	83.3	65.9	61.2	-	56.2	-	-	48.0	-	-	40.1	-	-	31.2	-	-	-	-	-	64
72	80.3	64.2	59.4	57.8	54.9	49.2	-	47.0	-	-	39.0	-	-	30.2	-	-	-	-	-	72
80	77.1	62.3	57.5	55.9	53.6	48.1	-	45.9	37.0	-	38.0	-	-	29.4	-	-	-	-	-	80
88	74.2	60.2	55.5	54.0	52.1	46.9	43.5	44.5	35.7	-	36.8	-	-	28.4	-	-	-	-	-	88
96	71.2	58.2	53.5	52.2	50.5	45.6	42.3	43.2	34.5	-	35.6	28.1	-	27.4	-	-	-	-	-	96
104	68.3	56.2	51.6	50.3	48.7	44.1	40.8	41.6	33.2	27.8	34.3	27.0	-	26.4	21.7	-	-	-	-	104
112	65.3	54.1	49.5	48.2	47.1	42.7	39.4	40.3	32.1	27.3	33.0	26.2	-	25.5	20.9	-	-	-	-	112
120	62.6	52.0	47.6	46.3	45.2	41.1	38.0	38.6	31.1	26.5	31.9	25.4	21.7	24.5	20.3	-	-	-	-	120
128	59.7	49.8	45.7	44.4	43.3	39.5	36.5	37.0	30.2	25.9	30.5	24.6	21.3	23.6	19.6	-	-	-	-	128
136	57.0	47.8	43.9	42.5	41.4	37.8	35.0	35.6	29.3	25.3	29.3	23.9	20.8	22.7	19.1	15.1	-	-	-	136
144	54.6	45.7	42.2	40.9	39.8	36.2	33.6	34.0	28.5	24.7	28.3	23.2	20.3	21.9	18.3	14.8	-	-	-	144
152	51.9	43.8	40.6	39.2	37.9	34.8	32.0	32.7	27.7	24.0	27.2	22.6	19.8	20.8	17.8	14.5	-	-	-	152
160	49.6	41.7	39.2	37.7	36.3	33.3	30.7	31.3	26.9	23.4	26.1	22.1	19.2	20.0	17.2	14.0	-	-	-	160
168	47.4	39.9	37.7	36.2	34.8	32.0	29.4	30.0	26.1	22.8	25.2	21.6	18.7	19.3	16.7	13.7	-	-	-	168
176	45.3	38.2	36.4	34.4	33.3	30.8	28.2	28.8	25.3	22.1	24.4	21.0	18.2	18.6	16.2	13.3	-	-	-	176
184	43.4	36.5	35.1	32.6	31.8	29.6	27.1	27.7	24.4	21.4	23.6	20.4	17.6	18.1	15.7	12.9	-	-	-	184
192	41.5	35.0	33.9	-	30.4	28.4	26.0	26.7	23.7	20.8	22.8	19.7	17.3	17.5	15.3	12.7	-	-	-	192
200	39.9	33.5	32.7	-	29.2	27.4	25.1	25.8	23.0	20.1	22.1	19.2	16.8	17.0	14.8	12.3	-	-	-	200
208	37.5	32.1	31.6	-	28.0	26.4	-	24.9	22.3	19.5	21.5	18.7	16.2	16.4	14.3	12.1	-	-	-	208
216	34.6	30.7	30.7	-	26.8	25.4	-	24.1	21.7	18.8	21.0	18.1	15.7	15.9	13.9	11.7	-	-	-	216
224	-	29.8	29.8	-	25.7	24.5	-	23.3	20.9	18.2	20.3	17.6	15.2	15.5	13.5	11.4	-	-	-	224
232	-	28.8	-	-	24.8	23.6	-	22.4	20.1	-	19.7	17.0	14.7	15.1	13.1	10.9	-	-	-	232
240	-	-	-	-	23.9	22.8	-	21.6	19.4	-	19.1	16.5	14.2	14.7	12.7	10.7	-	-	-	240
248	-	-	-	-	23.1	22.0	-	21.0	18.7	-	18.6	15.9	-	14.3	12.4	10.3	-	-	-	248
256	-	-	-	-	-	-	-	20.5	17.8	-	18.1	15.2	-	14.1	12.1	9.9	-	-	-	256
264	-	-	-	-	-	-	-	20.0	17.0	-	17.5	14.7	-	13.7	11.7	9.6	-	-	-	264
272	-	-	-	-	-	-	-	-	16.2	-	17.0	14.1	-	13.3	11.4	-	-	-	-	272
280	-	-	-	-	-	-	-	-	-	-	16.5	13.6	-	13.1	11.1	-	-	-	-	280
288	-	-	-	-	-	-	-	-	-	-	15.1	13.2	-	12.8	10.7	-	-	-	-	288
296	-	-	-	-	-	-	-	-	-	-	-	-	-	12.4	10.3	-	-	-	-	296
304	-	-	-	-	-	-	-	-	-	-	-	-	-	11.1	9.9	-	-	-	-	304
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	-	-	-	-	312

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb

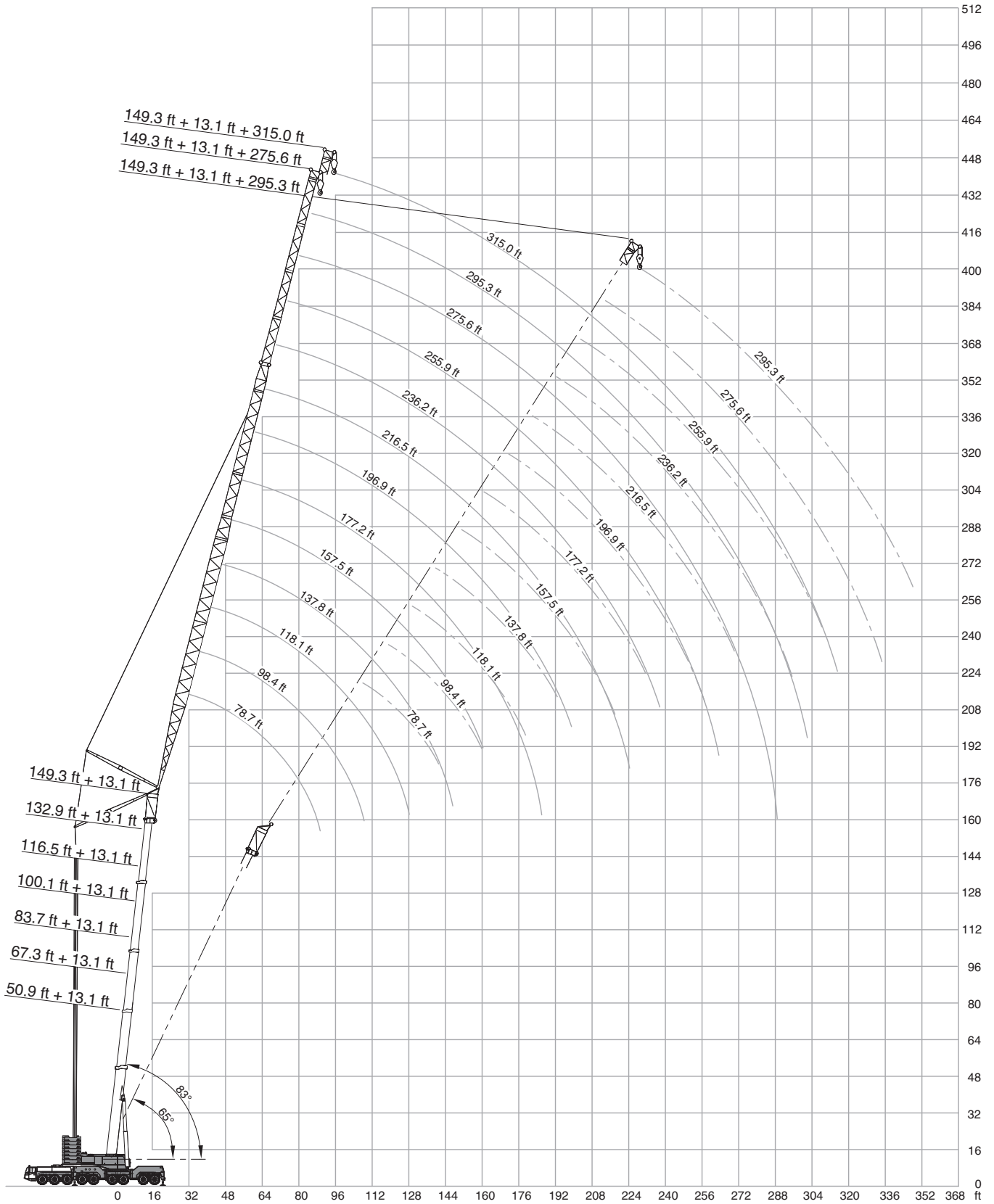
Operation

LF-SSL 30°

360°								ASME B30.5							
182.1 ft + 30°								196.9 ft + 30°							
	65.6 ft	85.3 ft	105.0 ft	124.7 ft	144.4 ft	164.0 ft		65.6 ft	85.3 ft	105.0 ft	124.7 ft	144.4 ft	164.0 ft		
	0°	0°	0°	0°	0°	0°		0°	0°	0°	0°	0°	0°		
ft	1,000 lb							ft	1,000 lb						
48	104.4	-	-	-	-	-	48	95.2	-	-	-	-	-	-	
56	95.0	85.1	73.2	58.6	-	-	56	86.6	78.3	59.5	-	-	-	-	
64	86.4	77.6	67.7	55.3	46.3	37.5	64	79.1	72.3	59.5	52.2	44.3	-	-	
72	78.4	70.7	62.3	52.1	43.5	35.1	72	72.0	66.5	57.8	49.0	41.5	32.4	-	
80	71.0	64.5	57.5	48.9	40.8	33.0	80	65.9	61.1	53.8	46.1	38.9	30.8	-	
88	64.5	58.8	53.2	46.0	38.5	31.1	88	60.2	56.1	49.9	43.2	36.5	29.0	-	
96	58.6	53.6	49.1	43.1	36.4	29.2	96	55.1	51.4	46.3	40.5	34.4	27.5	-	
104	53.3	49.0	45.3	40.5	34.3	27.5	104	50.6	47.2	42.8	37.9	32.3	26.1	-	
112	48.3	44.8	41.7	37.8	32.3	25.9	112	46.3	43.2	39.3	35.4	30.3	24.6	-	
120	44.1	41.0	38.6	35.5	30.6	24.5	120	42.5	39.6	36.3	33.1	28.4	23.1	-	
128	40.3	37.6	35.7	33.2	28.9	23.1	128	39.0	36.2	33.5	30.9	26.7	21.8	-	
136	36.9	34.6	33.0	30.9	27.3	21.9	136	35.8	33.3	30.8	28.9	25.1	20.6	-	
144	34.0	32.1	30.6	28.9	25.6	20.7	144	33.0	30.6	28.4	26.9	23.5	19.3	-	
152	31.2	29.7	28.4	26.9	24.1	19.5	152	30.3	28.2	26.2	24.9	22.1	18.1	-	
160	29.1	27.7	26.4	25.0	22.6	18.2	160	27.9	26.2	24.2	23.1	20.6	16.9	-	
168	27.1	25.9	24.5	23.2	21.1	17.1	168	25.7	24.3	22.4	21.5	19.2	15.8	-	
176	25.4	24.3	22.7	21.6	19.6	16.0	176	23.7	22.5	20.7	19.9	17.8	14.7	-	
184	23.9	22.8	21.3	20.0	18.3	15.1	184	22.0	21.0	19.4	18.2	16.5	13.6	-	
192	22.4	21.3	20.0	18.5	16.9	14.1	192	20.4	19.6	18.0	16.7	15.2	12.6	-	
200	21.1	20.1	18.7	17.1	15.7	13.0	200	19.1	18.4	16.8	15.3	14.0	11.5	-	
208	19.8	18.9	17.4	15.9	14.5	12.1	208	17.8	17.2	15.7	14.1	12.8	10.5	-	
216	-	17.7	16.2	14.7	13.3	11.3	216	16.6	16.2	14.6	12.9	11.5	9.5	-	
224	-	16.5	15.1	13.5	12.2	10.4	224	15.5	14.9	13.7	11.8	10.5	8.6	-	
232	-	15.2	14.0	12.6	11.1	9.5	232	-	13.8	12.7	10.7	9.6	7.9	-	
240	-	-	12.9	11.8	10.2	8.8	240	-	12.5	11.8	9.8	8.7	7.1	-	
248	-	-	11.9	10.9	9.4	8.1	248	-	-	10.8	8.9	7.8	6.2	-	
256	-	-	-	10.1	8.6	7.5	256	-	-	9.9	8.1	7.0	5.5	-	
264	-	-	-	9.4	7.9	6.8	264	-	-	-	7.4	6.5	4.9	-	
272	-	-	-	-	7.3	6.2	272	-	-	-	6.9	6.0	-	-	
280	-	-	-	-	6.9	5.7	280	-	-	-	-	5.4	-	-	
288	-	-	-	-	-	5.2	288	-	-	-	-	5.1	-	-	
296	-	-	-	-	-	4.8	296	-	-	-	-	4.9	-	-	

Max. capacities with minimum counterweight
 Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb



360°													ASME B30.5														
50.9 ft + 13.1 ft																											
78.7 ft													98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°			83° 73° 65°			83° 73° 65°		
ft	1,000 lb																										
40	270.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
48	256.7	-	-	225.7	-	-	195.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
56	244.4	-	-	222.7	-	-	192.8	-	-	160.9	-	-	133.4	-	-	-	-	-	-	-	-	-					
64	228.1	224.8	-	221.0	-	-	190.1	-	-	160.1	-	-	133.4	-	-	114.6	-	-	-	-	-	-					
72	198.1	206.6	-	210.8	196.4	-	188.5	-	-	158.8	-	-	133.4	-	-	114.6	-	-	-	-	-	-					
80	-	189.3	184.9	192.6	187.1	-	186.1	169.3	-	157.2	-	-	133.0	-	-	114.6	-	-	-	-	-	-					
88	-	111.5	168.7	171.5	171.4	167.0	175.3	165.7	-	155.6	147.7	-	130.3	-	-	114.2	-	-	-	-	-	-					
96	-	-	154.0	139.2	156.6	152.2	154.8	155.1	150.7	153.6	147.0	-	127.6	124.6	-	112.1	-	-	-	-	-	-					
104	-	-	-	-	143.7	139.3	130.7	142.6	138.2	143.9	140.1	-	125.8	123.6	-	108.7	108.4	-	-	-	-	-					
112	-	-	-	-	-	128.4	107.8	130.6	127.3	125.8	129.5	126.2	122.9	122.3	-	105.6	106.8	-	-	-	-	-					
120	-	-	-	-	-	-	-	121.2	118.2	108.6	120.5	116.8	113.8	119.3	111.0	101.6	104.1	-	-	-	-	-					
128	-	-	-	-	-	-	-	-	110.2	92.5	112.4	108.5	103.5	111.3	107.4	97.0	101.4	-	-	-	-	-					
136	-	-	-	-	-	-	-	-	102.9	75.6	104.3	101.8	90.9	103.2	100.7	91.6	98.7	97.9	-	-	-	-					
144	-	-	-	-	-	-	-	-	-	-	94.2	95.1	78.8	97.2	94.0	86.2	95.0	92.8	-	-	-	-					
152	-	-	-	-	-	-	-	-	-	-	-	89.5	66.7	90.4	87.5	75.9	89.5	86.4	-	-	-	-					
160	-	-	-	-	-	-	-	-	-	-	-	-	-	81.7	82.1	66.7	83.2	81.0	-	-	-	-					
168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.2	57.5	76.9	76.0	-	-	-	-					
176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70.2	71.3	-	-	-	-					
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67.4	-	-	-	-					

196.9 ft													216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft	1,000 lb																													
72	92.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
80	92.6	-	-	77.0	-	-	66.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
88	92.6	-	-	75.6	-	-	66.1	-	-	53.2	-	-	-	-	-	-	-	-	-	-	-	-								
96	92.6	-	-	74.3	-	-	66.1	-	-	52.1	-	-	42.9	-	-	34.7	-	-	-	-	-	-								
104	92.6	-	-	72.9	-	-	66.1	-	-	51.2	-	-	42.0	-	-	33.8	-	-	27.7	-	-	-								
112	92.6	88.2	-	71.7	-	-	65.9	-	-	50.2	-	-	41.0	-	-	32.8	-	-	26.4	-	-	-								
120	92.6	87.9	-	71.3	71.7	-	65.3	-	-	49.2	-	-	40.1	-	-	32.0	-	-	25.3	-	-	-								
128	92.6	87.1	-	70.0	71.1	-	64.5	65.0	-	48.4	-	-	39.0	-	-	31.2	-	-	24.4	-	-	-								
136	92.6	86.3	-	68.6	69.7	-	63.7	65.0	-	47.6	48.7	-	38.1	-	-	30.4	-	-	23.5	-	-	-								
144	89.4	85.0	82.7	67.3	69.4	-	62.9	65.0	-	46.8	47.9	-	37.1	-	-	29.6	-	-	22.7	-	-	-								
152	82.5	83.4	81.4	65.9	68.2	68.2	62.1	65.0	-	45.9	47.1	-	36.0	37.3	-	28.8	-	-	21.9	-	-	-								
160	73.5	80.7	79.6	64.0	66.8	66.8	61.3	65.0	-	44.9	46.3	-	35.2	36.3	-	28.0	29.1	-	21.2	-	-	-								
168	65.8	77.4	75.9	61.9	65.3	65.5	59.6	65.0	61.3	44.2	45.4	-	34.1	35.2	-	27.2	28.3	-	20.6	21.6	-	-								
176	58.4	73.3	71.2	59.6	63.7	64.1	57.0	65.0	60.9	43.4	44.6	45.1	33.2	34.3	-	26.6	27.5	-	19.9	21.0	-	-								
184	50.9	68.2	67.3	54.7	62.0	62.9	54.2	63.0	60.5	42.4	43.8	44.2	32.3	33.4	-	25.9	26.8	-	19.5	20.5	-	-								
192	-	62.3	63.7	49.2	60.1	61.3	51.1	60.6	59.6	41.5	43.0	43.2	31.4	32.5	33.7	25.2	26.1	-	19.1	19.9	-	-								
200	-	54.6	60.3	43.1	57.7	58.4	46.5	58.1	57.1	40.5	42.2	42.3	30.5	31.6	32.8	24.7	25.6	27.5	18.7	19.4	-	-								
208	-	-	57.3	36.9	53.2	55.5	41.6	54.7	54.3	39.5	41.4	41.4	29.7	30.8	31.9	24.2	25.0	26.7	18.4	19.0	-	-								
216	-	-	-	-	47.1	52.6	36.5	50.5	51.3	38.4	40.6	40.6	28.9	30.0	31.1	23.6	24.3	25.8	17.9	18.6	19.0	-								
224	-	-	-	-	-	50.2	31.5	45.6	48.8	35.1	39.7	39.8	28.3	29.4	30.3	23.1	23.7	25.0	17.5	18.0	18.2	-								
232	-	-	-	-	-	-	-	40.6	46.3	31.4	38.8	39.0	27.6	28.7	29.5	22.6	23.2	24.3	17.1	17.5	17.4	-								
240	-	-	-	-	-	-	-	35.3	44.2	27.4	38.0	38.2	26.9	28.0	28.7	22.2	22.7	23.6	16.7	17.1	16.8	-								
248	-	-	-	-	-	-	-	-	40.5	23.0	35.2	37.6	25.5	27.4	28.1	21.7	22.2	23.0	16.4	16.7	16.2	-								
256	-	-	-	-	-	-	-	-	-	-	16.3	36.8	23.8	26.9	27.5	21.2	21.8	22.5	16.1	16.3	15.6	-								
264	-	-	-	-	-	-	-	-	-	-	-	34.9	20.3	26.4	26.9	20.9	21.4	21.9	15.7	15.8	15.1	-								
272	-	-	-	-	-	-	-	-	-	-	-	-	25.5	26.3	19.7	21.0	21.5	15.3	15.3	14.6	-	-								
280	-	-	-	-	-	-	-	-	-	-	-	-	-	25.9	17.0	20.6	21.1	14.9	14.9	14.2	-	-								
288	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0	20.3	20.7	14.5	14.6	13.9	-	-								
296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2	20.3	13.9	14.3	13.7	-	-								
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.9	11.6	13.9	13.5	-	-								
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.5	13.3	-	-								
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.2	-	-								

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation



360°													ASME B30.5								
67.3 ft + 13.1 ft																					
		78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft				
		83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°		
ft		1,000 lb																			
48	248.5	-	-	-	215.4	-	-	-	172.4	-	-	-	-	-	-	-	-	-	-		
56	235.4	-	-	-	209.3	-	-	-	170.8	-	-	140.0	-	-	-	114.6	-	-	-		
64	220.1	-	-	-	203.9	-	-	-	169.8	-	-	139.2	-	-	-	114.6	-	-	97.0		
72	204.3	192.1	-	-	197.5	-	-	-	168.7	-	-	138.9	-	-	-	114.6	-	-	97.0		
80	-	178.9	-	-	188.6	167.2	-	-	166.9	146.0	-	137.6	-	-	-	114.4	-	-	97.0		
88	-	167.2	156.7	-	174.2	158.2	-	-	162.0	141.9	-	135.8	-	-	-	113.1	-	-	97.0		
96	-	94.5	147.3	-	150.5	149.5	140.6	-	153.9	137.2	-	134.9	124.3	-	112.4	-	-	97.0	-		
104	-	-	136.0	-	140.1	133.1	138.8	131.8	-	128.9	120.6	-	121.6	117.6	-	111.5	108.4	-	96.1		
112	-	-	-	-	75.0	124.0	116.7	118.8	-	121.6	117.6	-	109.9	105.7	-	109.9	105.7	-	94.7		
120	-	-	-	-	-	114.9	-	-	118.2	113.8	109.6	112.6	104.9	104.6	103.0	-	-	93.1	93.5		
128	-	-	-	-	-	-	-	-	110.2	105.8	96.9	108.0	100.8	98.1	100.3	91.5	89.8	89.3	-		
136	-	-	-	-	-	-	-	-	-	98.5	81.9	101.8	96.8	90.0	96.8	89.6	86.6	86.6	-		
144	-	-	-	-	-	-	-	-	-	92.8	-	95.1	91.7	81.9	92.8	87.2	81.8	83.9	81.7		
152	-	-	-	-	-	-	-	-	-	-	-	46.5	79.9	71.1	87.5	84.2	76.4	81.2	79.2		
160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82.1	78.8	70.2	78.5	77.0		
168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.7	73.7	61.4	75.2	72.6		
176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.0	51.7	71.1	67.9		
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.3	64.3		
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.8		
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57.6		

		196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
ft		1,000 lb																				
72	81.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
80	81.6	-	-	66.1	-	-	57.1	-	-	-	-	-	-	-	-	-	-	-	-	-		
88	81.6	-	-	65.7	-	-	56.8	-	-	47.7	-	-	-	-	-	-	-	-	-	-		
96	81.6	-	-	65.2	-	-	56.7	-	-	47.1	-	-	38.4	-	-	30.7	-	-	-	-		
104	81.6	-	-	64.5	-	-	56.7	-	-	46.8	-	-	38.0	-	-	30.0	-	-	24.2	-		
112	81.6	-	-	63.9	-	-	56.4	-	-	46.3	-	-	37.4	-	-	29.3	-	-	23.3	-		
120	81.6	77.2	-	63.1	-	-	56.4	-	-	45.7	-	-	36.9	-	-	28.7	-	-	22.7	-		
128	81.6	77.2	-	62.5	64.9	-	56.3	-	-	45.1	-	-	36.3	-	-	28.0	-	-	21.9	-		
136	81.6	76.4	-	61.9	64.1	-	56.1	55.6	-	44.4	-	-	35.5	-	-	27.3	-	-	21.3	-		
144	79.5	76.1	-	61.1	63.3	-	55.8	55.6	-	43.9	44.8	-	34.6	-	-	26.7	-	-	20.5	-		
152	76.4	74.6	69.3	60.2	62.5	-	55.4	55.6	-	43.1	44.2	-	33.8	35.2	-	26.1	-	-	20.0	-		
160	71.5	72.3	67.9	58.6	61.8	-	54.7	55.6	-	42.4	43.5	-	33.0	34.4	-	25.4	-	-	19.5	-		
168	66.8	70.7	66.4	56.6	60.8	58.9	54.1	55.6	-	41.7	42.9	-	32.2	33.5	-	24.9	25.9	-	18.9	19.8		
176	61.4	68.6	64.8	54.1	59.7	57.3	53.1	55.6	53.0	40.9	42.2	-	31.4	32.5	-	24.3	25.2	-	18.4	19.3		
184	54.1	66.3	63.0	51.7	58.3	55.7	51.8	54.9	52.5	40.1	41.4	42.1	30.6	31.7	-	23.7	24.7	-	17.8	18.8		
192	-	63.4	60.8	49.0	56.8	54.2	50.2	53.9	51.9	39.3	40.6	41.3	29.8	31.0	-	23.0	24.1	-	17.3	18.4		
200	-	59.0	57.4	44.9	55.3	53.1	47.8	52.6	51.1	38.3	40.0	40.5	28.8	30.3	31.5	22.5	23.6	-	16.9	17.9		
208	-	26.6	54.5	39.4	53.4	51.7	43.8	51.3	49.9	37.5	39.3	39.7	28.1	29.5	30.6	22.2	23.1	24.4	16.5	17.3		
216	-	-	51.8	-	51.3	49.9	38.7	49.9	48.6	36.7	38.6	38.9	27.4	28.7	29.8	21.6	22.5	23.8	16.1	16.8		
224	-	-	-	-	45.3	47.6	33.6	47.4	46.2	35.5	37.8	38.2	26.7	28.0	29.1	21.1	22.0	23.2	15.7	16.4		
232	-	-	-	-	-	45.3	-	44.2	43.9	33.4	37.1	37.5	26.1	27.4	28.5	20.6	21.4	22.5	15.3	16.0		
240	-	-	-	-	-	-	39.2	41.8	29.2	36.4	36.8	37.8	25.5	26.9	27.8	20.2	20.9	21.8	14.9	15.6		
248	-	-	-	-	-	-	-	39.9	24.9	35.5	36.1	36.1	25.0	26.3	27.1	19.8	20.5	21.3	14.5	15.2		
256	-	-	-	-	-	-	-	-	-	34.6	35.5	35.5	24.4	25.8	26.4	19.4	20.1	20.7	14.1	14.8		
264	-	-	-	-	-	-	-	-	-	30.1	35.0	35.0	21.3	25.3	25.9	19.0	19.7	20.3	13.7	14.4		
272	-	-	-	-	-	-	-	-	-	-	34.2	-	24.8	25.4	25.4	18.4	19.3	19.9	13.3	14.0		
280	-	-	-	-	-	-	-	-	-	-	-	-	24.4	25.0	25.0	17.6	18.8	19.3	12.9	13.6		
288	-	-	-	-	-	-	-	-	-	-	-	-	-	24.6	24.6	15.3	18.5	19.0	12.6	13.2		
296	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.2	18.7	18.7	12.3	12.8		
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.2	18.2	11.5	12.3		
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.0	-	12.0		
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.7		
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.8		

Max. capacities with minimum counterweight · Further counterweight configurations on request!

132,300 lb	176,400 lb	220,500 lb	264,600 lb	308,600 lb	352,700 lb
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Operation

360°													ASME B30.5					
83.7 ft + 13.1 ft																		
ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°
	1,000 lb																	
48	241.2	-	-	203.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	226.0	-	-	198.8	-	-	167.6	-	-	133.4	-	-	-	-	-	-	-	-
64	206.1	-	-	191.2	-	-	167.6	-	-	133.4	-	-	108.0	-	-	-	-	-
72	183.5	-	-	181.0	-	-	166.5	-	-	133.4	-	-	108.0	-	-	-	90.4	-
80	-	154.8	-	170.3	148.2	-	162.1	-	-	132.1	-	-	108.0	-	-	-	90.4	-
88	-	145.0	-	159.1	137.9	-	155.4	132.4	-	130.7	-	-	108.0	-	-	-	90.4	-
96	-	138.6	123.7	147.7	129.2	-	147.3	124.4	-	129.8	118.5	-	108.0	-	-	-	90.4	-
104	-	80.7	116.6	-	123.0	111.2	136.0	118.6	-	126.2	112.2	-	108.0	-	-	-	90.4	-
112	-	-	-	-	117.8	104.4	123.3	113.4	103.3	121.8	106.7	-	107.9	101.1	-	-	90.4	89.2
120	-	-	-	-	65.0	99.4	-	110.4	97.6	112.4	102.3	-	105.2	96.1	-	-	90.4	87.6
128	-	-	-	-	-	96.4	-	106.3	92.0	101.9	97.5	88.7	100.8	92.0	-	-	89.3	85.4
136	-	-	-	-	-	-	-	100.7	88.0	87.4	94.3	83.9	94.4	87.7	80.6	-	87.4	83.3
144	-	-	-	-	-	-	-	-	-	-	91.6	80.6	87.4	85.0	76.2	-	82.9	81.6
152	-	-	-	-	-	-	-	-	-	-	86.4	76.8	75.3	83.4	72.4	-	77.5	79.2
160	-	-	-	-	-	-	-	-	-	-	40.8	74.5	-	79.9	69.7	-	72.2	77.4
168	-	-	-	-	-	-	-	-	-	-	-	-	-	74.8	67.5	-	64.6	73.7
176	-	-	-	-	-	-	-	-	-	-	-	-	-	70.1	65.9	-	54.8	69.0
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.7	-	-	65.2
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28.1
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.7

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	1,000 lb																				
72	79.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
80	79.4	-	-	61.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
88	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	-	-	-	-	-	-			
96	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	37.3	-	-	-	-	-			
104	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	37.3	-	-	29.4	-	-			
112	79.4	-	-	61.7	-	-	52.9	-	-	46.3	-	-	37.0	-	-	28.9	-	-			
120	79.4	-	-	61.5	-	-	52.9	-	-	46.3	-	-	36.8	-	-	28.3	-	-			
128	79.4	75.5	-	61.4	-	-	52.9	-	-	46.2	-	-	36.6	-	-	27.8	-	-			
136	79.4	75.0	-	61.1	64.7	-	52.9	-	-	45.8	-	-	36.4	-	-	27.2	-	-			
144	78.3	75.0	-	61.1	64.4	-	52.9	51.8	-	45.2	-	-	35.8	-	-	26.7	-	-			
152	76.6	73.7	-	60.7	63.9	-	52.9	51.8	-	44.5	45.8	-	34.9	-	-	26.2	-	-			
160	72.6	72.8	63.3	59.9	63.2	-	52.9	51.8	-	43.8	45.2	-	34.1	35.9	-	25.6	-	-			
168	68.3	71.4	61.9	58.7	62.6	-	52.6	51.8	-	43.1	44.6	-	33.3	35.0	-	25.1	26.2	-			
176	63.7	68.7	60.6	56.9	61.8	57.0	52.1	51.8	-	42.4	44.0	-	32.5	34.1	-	24.5	25.7	-			
184	56.6	65.2	59.1	55.2	60.9	54.9	50.7	51.8	50.1	41.8	43.3	-	31.7	33.3	-	24.0	25.0	-			
192	-	61.7	57.4	52.6	59.6	53.0	49.0	51.7	49.2	41.1	42.7	-	30.9	32.5	-	23.5	24.4	-			
200	-	58.5	54.6	47.3	56.6	51.2	47.4	51.2	48.2	40.4	42.0	42.5	30.3	31.8	-	22.9	23.8	-			
208	-	54.2	51.8	41.4	53.7	49.3	44.4	50.4	47.1	39.7	41.3	41.7	29.7	31.1	32.6	22.4	23.4	-			
216	-	49.3	49.1	35.0	50.9	47.1	40.4	49.4	45.7	39.1	40.6	41.1	29.1	30.5	31.8	21.9	23.0	24.1			
224	-	-	46.8	-	47.4	44.8	35.4	47.1	43.5	37.3	39.8	40.4	28.5	29.8	31.0	21.3	22.4	23.4			
232	-	-	-	-	42.7	-	-	44.6	41.3	34.7	39.0	39.7	27.8	29.2	30.2	20.8	21.9	22.8			
240	-	-	-	-	40.8	-	-	41.8	39.3	30.5	38.4	39.0	27.3	28.6	29.6	20.2	21.4	22.2			
248	-	-	-	-	-	-	-	37.3	37.4	26.2	37.7	37.7	26.8	28.0	28.9	19.8	20.9	21.7			
256	-	-	-	-	-	-	-	-	35.7	-	37.0	35.9	26.2	27.3	28.2	19.4	20.5	21.2			
264	-	-	-	-	-	-	-	34.3	-	32.8	34.2	32.7	26.9	27.7	27.7	19.0	20.1	20.8			
272	-	-	-	-	-	-	-	-	-	-	32.5	-	26.5	27.1	18.6	19.6	20.3	12.9			
280	-	-	-	-	-	-	-	-	-	-	31.0	-	25.9	26.6	18.2	19.1	19.8	12.5			
288	-	-	-	-	-	-	-	-	-	-	-	-	24.4	26.2	16.0	18.7	19.4	12.1			
296	-	-	-	-	-	-	-	-	-	-	-	-	-	25.8	-	18.3	18.9	11.7			
304	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.9	18.5	11.4	12.1			
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.1	-	11.8			
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.7	-	11.5			
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0			
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2			

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

360°														ASME B30.5					
100.1 ft + 13.1 ft																			
ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
	1,000 lb																		
56	198.0	-	-	175.1	-	-	136.7	-	-	-	-	-	-	-	-	-	-	-	
64	182.7	-	-	168.9	-	-	136.7	-	-	110.2	-	-	88.2	-	-	-	-	-	
72	170.0	-	-	160.0	-	-	135.6	-	-	110.2	-	-	88.2	-	-	73.9	-	-	
80	161.0	135.0	-	149.7	-	-	132.7	-	-	110.0	-	-	88.2	-	-	73.9	-	-	
88	-	125.1	-	140.6	121.8	-	128.7	-	-	108.7	-	-	88.2	-	-	73.9	-	-	
96	-	117.8	-	133.2	115.2	-	124.0	104.6	-	108.0	-	-	88.2	-	-	73.9	-	-	
104	-	112.8	100.2	130.2	109.8	-	118.6	97.8	-	106.9	94.4	-	88.2	-	-	73.9	-	-	
112	-	-	94.6	-	104.5	92.3	112.1	92.4	-	105.5	89.1	-	88.2	84.6	-	73.9	-	-	
120	-	-	57.2	-	100.5	87.2	103.1	89.8	-	100.1	85.0	-	88.2	80.6	-	73.9	73.2	-	
128	-	-	-	-	-	83.2	-	86.5	75.5	94.8	81.0	-	86.5	76.6	-	73.9	70.5	-	
136	-	-	-	-	-	80.0	-	86.0	71.5	89.4	77.8	68.4	82.5	73.4	-	73.9	68.6	-	
144	-	-	-	-	-	-	-	86.0	69.5	74.6	76.1	65.6	78.4	70.7	-	71.8	66.3	-	
152	-	-	-	-	-	-	-	-	67.1	-	73.7	62.5	75.2	68.2	59.6	69.1	65.3	-	
160	-	-	-	-	-	-	-	-	-	-	72.8	60.4	66.2	66.8	56.7	66.4	63.6	55.6	
168	-	-	-	-	-	-	-	-	-	-	-	59.0	-	65.9	54.4	62.4	62.2	53.0	
176	-	-	-	-	-	-	-	-	-	-	-	58.3	-	65.3	52.5	57.0	60.8	50.6	
184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.3	-	59.7	48.8	
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58.5	47.1	
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.6	45.9	
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.4	

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	1,000 lb																				
80	66.1	-	-	51.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
88	66.1	-	-	51.4	-	-	44.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
96	66.1	-	-	51.4	-	-	44.5	-	-	38.8	-	-	31.3	-	-	-	-	-	-	-	
104	66.1	-	-	51.4	-	-	44.5	-	-	38.8	-	-	31.3	-	-	25.6	-	-	-	-	
112	66.1	-	-	51.4	-	-	44.5	-	-	38.8	-	-	31.3	-	-	25.1	-	-	19.6	-	
120	66.1	-	-	51.3	-	-	44.5	-	-	38.8	-	-	31.1	-	-	24.8	-	-	19.3	-	
128	66.1	61.9	-	51.1	-	-	44.5	-	-	38.7	-	-	31.1	-	-	24.6	-	-	18.8	-	
136	66.1	61.2	-	51.1	-	-	44.5	-	-	38.6	-	-	30.9	-	-	24.2	-	-	18.4	-	
144	65.9	60.2	-	50.9	55.6	-	44.5	-	-	38.4	-	-	30.7	-	-	23.8	-	-	18.1	-	
152	65.6	59.4	-	50.9	54.5	-	44.5	43.4	-	38.1	-	-	30.4	-	-	23.5	-	-	17.6	-	
160	63.6	58.5	-	50.7	53.2	-	44.5	43.2	-	37.8	37.8	-	30.1	-	-	23.1	-	-	17.2	-	
168	61.6	57.4	49.5	50.2	52.1	-	44.5	43.1	-	37.5	37.6	-	29.8	30.0	-	22.8	-	-	16.8	-	
176	59.6	56.4	48.1	49.3	50.9	-	44.3	43.0	-	37.1	37.3	-	29.4	29.6	-	22.3	23.4	-	16.4	-	
184	55.9	55.2	46.7	48.4	49.8	44.9	43.7	42.9	-	36.8	37.0	-	29.0	29.2	-	21.9	23.0	-	15.9	17.0	
192	50.9	54.0	45.4	47.4	48.7	43.0	43.0	42.7	39.9	36.5	36.7	-	28.6	28.8	-	21.5	22.6	-	15.6	16.6	
200	42.5	52.7	44.1	46.5	47.8	41.1	42.2	42.4	38.7	36.2	36.4	-	28.2	28.6	-	21.1	22.2	-	15.2	16.1	
208	-	51.4	42.8	42.7	46.9	39.7	41.4	42.0	37.4	35.7	35.9	33.9	27.8	28.2	-	20.8	21.8	-	14.8	15.6	
216	-	49.9	41.7	36.8	46.1	38.4	40.6	41.5	36.2	35.3	35.5	32.9	27.4	27.8	26.7	20.5	21.4	-	14.4	15.2	
224	-	-	40.7	-	45.2	37.7	36.2	40.9	35.3	34.9	35.1	32.0	27.0	27.5	26.0	20.2	21.1	21.3	14.0	14.8	
232	-	-	-	-	43.6	37.0	31.2	40.4	34.4	33.8	34.7	31.1	26.6	27.3	25.3	19.7	20.6	20.8	13.5	14.5	
240	-	-	-	-	-	36.3	-	39.9	33.7	31.0	34.1	30.4	26.2	27.0	24.5	19.4	20.2	20.2	13.1	14.1	
248	-	-	-	-	-	35.7	-	37.9	33.1	27.2	33.6	29.8	25.7	26.7	23.8	18.9	19.9	19.7	12.7	13.6	
256	-	-	-	-	-	-	-	-	32.4	-	33.1	29.1	25.1	26.5	23.1	18.5	19.6	19.2	12.3	13.2	
264	-	-	-	-	-	-	-	-	31.6	-	32.4	28.6	22.8	26.2	22.5	18.1	19.2	18.6	12.1	13.0	
272	-	-	-	-	-	-	-	-	-	-	30.4	28.0	19.9	25.9	21.8	17.8	18.8	18.1	11.8	12.6	
280	-	-	-	-	-	-	-	-	-	-	-	27.5	-	25.6	21.3	17.5	18.4	17.7	11.4	12.2	
288	-	-	-	-	-	-	-	-	-	-	-	27.1	-	24.9	20.8	15.8	18.0	17.2	11.1	11.9	
296	-	-	-	-	-	-	-	-	-	-	-	-	-	20.2	-	17.6	16.7	11.0	11.7	12.3	
304	-	-	-	-	-	-	-	-	-	-	-	-	-	19.8	-	17.3	16.3	10.7	11.4	11.9	
312	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	15.9	10.2	11.1	11.6	
320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	10.9	11.3	
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-	10.7	10.9	
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.3	

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Max. capacities with minimum counterweight
Further counterweight configurations on request!

Operation

360°													ASME B30.5								
116.5 ft + 13.1 ft																					
ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft					
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°			
	1,000 lb																				
56	174.4	-	-	147.6	-	-	120.2	-	-	-	-	-	-	-	-	-	-	-			
64	162.3	-	-	144.4	-	-	120.2	-	-	99.2	-	-	-	-	-	-	-	-			
72	150.2	-	-	137.9	-	-	120.2	-	-	99.2	-	-	78.3	-	-	-	-	-			
80	141.1	-	-	131.2	-	-	117.5	-	-	99.2	-	-	78.3	-	-	66.1	-	-			
88	-	109.1	-	125.0	-	-	114.4	-	-	98.8	-	-	78.3	-	-	66.1	-	-			
96	-	102.3	-	120.3	96.8	-	111.0	-	-	98.1	-	-	78.3	-	-	66.1	-	-			
104	-	97.5	-	118.1	91.1	-	109.3	87.7	-	97.2	-	-	78.3	-	-	66.1	-	-			
112	-	-	80.2	-	86.9	-	106.8	82.4	-	95.8	80.2	-	78.3	-	-	66.1	-	-			
120	-	-	75.9	-	83.1	71.0	104.2	78.4	-	94.5	76.2	-	78.3	72.1	-	66.1	-	-			
128	-	-	49.3	-	54.9	67.8	-	74.9	66.1	92.6	72.2	-	77.7	68.9	-	66.1	64.9	-			
136	-	-	-	-	-	65.0	-	73.1	62.4	90.7	68.9	-	77.2	66.0	-	66.1	62.1	-			
144	-	-	-	-	-	63.1	-	72.8	59.4	79.0	66.3	56.6	76.1	63.6	-	65.9	59.8	-			
152	-	-	-	-	-	-	-	-	56.9	-	64.8	53.5	74.8	61.1	51.4	65.7	57.5	-			
160	-	-	-	-	-	-	-	-	55.4	-	63.3	51.0	69.7	59.4	48.5	65.3	55.6	-			
168	-	-	-	-	-	-	-	-	-	-	-	49.2	-	58.0	46.1	63.1	53.9	44.1			
176	-	-	-	-	-	-	-	-	-	-	-	48.0	-	57.0	44.0	59.2	52.5	41.8			
184	-	-	-	-	-	-	-	-	-	-	-	24.0	-	27.9	42.6	-	51.4	40.0			
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.6	-	50.6	38.3			
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.0	-	49.9	36.9			
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35.9			
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13.3			

ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	1,000 lb																				
80	59.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
88	59.5	-	-	46.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
96	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	-	-	-	-	-	-			
104	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	-	-	-			
112	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	24.0	-	18.7			
120	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	24.0	-	18.5			
128	59.5	-	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	23.8	-	18.1			
136	59.5	54.6	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	23.6	-	17.7			
144	59.5	53.0	-	46.3	-	-	40.8	-	-	35.3	-	-	28.7	-	-	23.4	-	17.4			
152	59.5	51.6	-	46.3	52.0	-	40.8	39.7	-	35.3	-	-	28.7	-	-	23.1	-	17.1			
160	59.1	50.3	-	46.3	49.8	-	40.8	39.6	-	35.3	-	-	28.7	-	-	23.1	-	16.7			
168	58.6	49.0	-	46.3	47.8	-	40.8	39.4	-	35.3	33.7	-	28.7	-	-	22.8	-	16.3			
176	58.2	47.8	41.2	46.3	45.9	-	40.8	39.3	-	35.3	33.7	-	28.7	27.6	-	22.5	-	15.9			
184	56.3	46.7	39.6	46.3	44.4	-	40.8	39.0	-	35.3	33.7	-	28.7	27.6	-	22.3	23.0	15.6			
192	52.7	45.7	38.0	46.3	42.9	36.8	40.8	38.7	-	35.3	33.7	-	28.7	27.6	-	22.0	22.7	15.1			
200	44.7	44.7	36.6	46.3	41.6	34.8	40.8	38.4	-	35.3	33.7	-	28.7	27.6	-	21.7	22.4	14.7			
208	-	43.9	35.2	43.4	40.5	33.0	40.8	37.9	31.9	35.1	33.7	-	28.5	27.6	-	21.5	22.1	14.3			
216	-	43.3	34.0	38.3	39.5	31.4	40.8	37.5	30.3	35.1	33.7	28.5	28.2	27.6	-	21.2	21.8	13.9			
224	-	18.1	33.1	-	38.8	30.2	36.9	37.0	28.8	35.1	33.4	27.4	27.7	27.6	23.9	20.8	21.6	13.6			
232	-	-	32.2	-	38.2	29.1	32.3	36.4	27.5	34.3	33.0	26.4	27.4	27.5	22.9	20.5	21.4	13.3			
240	-	-	31.4	-	37.8	28.5	35.7	26.4	31.8	32.5	32.5	25.3	26.9	27.2	22.1	20.2	21.1	12.9			
248	-	-	-	-	28.0	-	35.1	25.5	28.1	32.1	24.4	26.4	26.9	21.3	19.9	20.8	19.9	12.6			
256	-	-	-	-	-	-	9.5	24.7	-	31.7	23.6	26.0	26.5	20.5	19.6	20.5	19.4	12.3			
264	-	-	-	-	-	-	8.8	24.1	-	31.3	22.9	23.4	26.0	19.8	19.2	20.2	18.7	12.1			
272	-	-	-	-	-	-	-	23.7	-	30.3	22.3	20.4	25.7	19.1	18.9	19.9	18.1	11.8			
280	-	-	-	-	-	-	-	23.4	-	28.3	21.7	-	25.4	18.4	18.6	19.5	17.6	11.6			
288	-	-	-	-	-	-	-	-	-	-	21.3	-	25.1	17.8	16.7	19.2	17.0	11.4			
296	-	-	-	-	-	-	-	-	-	-	-	5.5	17.1	-	18.9	16.5	11.2	11.9			
304	-	-	-	-	-	-	-	-	-	-	-	4.9	16.6	-	18.5	15.9	11.1	11.8			
312	-	-	-	-	-	-	-	-	-	-	-	-	16.1	-	18.2	15.4	10.3	11.6			
320	-	-	-	-	-	-	-	-	-	-	-	-	15.5	-	17.9	14.7	-	11.5			
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.1	-	11.4			
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0			
352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.2			

For explanations see page 44

Operation

360°													ASME B30.5					
132.9 ft + 13.1 ft																		
ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°
1,000 lb																		
56	144.4	-	-	123.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64	140.2	-	-	123.5	-	-	94.8	-	-	-	-	-	-	-	-	-	-	-
72	132.5	-	-	121.3	-	-	94.8	-	-	78.3	-	-	64.4	-	-	-	-	-
80	123.3	-	-	113.6	-	-	94.4	-	-	78.3	-	-	64.4	-	-	55.6	-	-
88	-	-	-	107.3	-	-	91.7	-	-	78.3	-	-	64.4	-	-	55.6	-	-
96	-	88.0	-	103.0	87.3	-	89.7	-	-	78.3	-	-	64.4	-	-	55.6	-	-
104	-	83.2	-	100.5	81.1	-	88.4	-	-	77.3	-	-	64.4	-	-	55.6	-	-
112	-	65.8	-	-	75.8	-	87.0	68.1	-	77.2	-	-	64.4	-	-	55.6	-	-
120	-	-	64.6	-	71.8	-	85.7	64.6	-	76.1	62.6	-	64.3	-	-	55.5	-	-
128	-	-	60.1	-	69.4	59.3	-	61.5	-	75.5	59.2	-	64.0	56.5	-	55.3	-	-
136	-	-	43.1	-	48.7	55.9	-	59.2	-	74.2	56.2	-	63.6	53.6	-	55.3	50.9	-
144	-	-	-	-	-	53.0	-	57.8	48.0	72.8	53.9	-	63.3	51.0	-	55.1	48.6	-
152	-	-	-	-	-	34.5	-	40.4	45.4	-	51.8	43.4	62.7	48.7	-	55.1	46.3	-
160	-	-	-	-	-	-	-	-	43.7	-	50.6	41.2	62.0	46.9	-	54.7	44.4	-
168	-	-	-	-	-	-	-	-	28.1	-	33.0	39.3	-	45.3	36.9	54.4	42.7	-
176	-	-	-	-	-	-	-	-	26.1	-	30.8	37.7	-	44.0	34.9	54.1	41.2	33.7
184	-	-	-	-	-	-	-	-	-	-	-	36.8	-	43.3	33.3	-	40.1	32.0
192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32.0	-	39.1	30.4
200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.0	-	38.4	29.0
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-	19.6	27.9
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.2	-	18.4	27.0
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.4

ft	196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		315.0 ft		
	1,000 lb														
80	48.3	-	-	-	-	-	-	-	-	-	-	-	-	-	
88	48.3	-	-	37.5	-	-	-	-	-	-	-	-	-	-	
96	48.3	-	-	37.5	-	-	31.5	-	27.8	-	-	-	-	-	
104	48.3	-	-	37.5	-	-	31.5	-	27.8	-	22.0	-	-	-	
112	48.3	-	-	37.5	-	-	31.5	-	27.6	-	22.0	-	18.3	-	
120	48.3	-	-	37.5	-	-	31.5	-	27.5	-	22.0	-	18.2	-	
128	48.3	-	-	37.5	-	-	31.5	-	27.3	-	22.0	-	18.1	-	
136	48.3	-	-	37.5	-	-	31.5	-	27.3	-	22.0	-	18.1	-	
144	48.3	43.3	-	37.5	-	-	31.5	-	27.3	-	22.0	-	18.1	-	
152	48.3	41.9	-	37.5	41.9	-	31.5	-	27.3	-	22.0	-	17.9	-	
160	48.2	40.6	-	37.5	40.3	-	31.5	-	27.3	-	22.0	-	17.8	-	
168	47.9	39.3	-	37.5	38.7	-	31.5	30.1	27.3	-	22.0	-	17.6	-	
176	47.7	38.1	-	37.5	37.3	-	31.5	29.8	27.3	27.6	-	22.0	-	17.6	-
184	47.4	37.2	31.0	37.5	35.7	-	31.5	29.5	27.3	27.2	-	22.0	20.9	-	
192	46.7	36.2	29.7	37.5	34.2	-	31.5	29.3	27.3	26.8	-	22.0	20.9	-	
200	44.2	35.4	28.4	37.5	33.1	27.5	31.5	29.0	27.2	26.6	-	22.0	20.9	-	
208	-	34.7	27.2	37.5	32.2	26.0	31.5	28.6	24.5	27.1	26.2	-	22.0	20.9	-
216	-	34.0	26.1	37.5	31.6	24.6	31.5	28.2	23.0	27.1	25.8	-	21.8	20.9	-
224	-	33.4	25.1	-	30.9	23.2	31.5	27.7	21.8	27.1	25.4	19.2	21.7	20.9	-
232	-	-	24.3	-	30.2	22.1	30.6	27.2	20.6	27.1	25.0	18.2	21.5	20.9	16.7
240	-	-	23.6	-	29.6	21.6	27.4	26.6	19.2	27.1	24.6	17.3	21.3	20.9	15.9
248	-	-	8.4	-	11.2	21.0	-	26.2	18.5	26.1	24.2	16.5	21.1	20.8	15.2
256	-	-	-	-	20.5	-	25.8	18.1	-	23.8	15.9	20.9	20.5	14.5	16.1
264	-	-	-	-	20.0	-	25.3	17.5	-	23.4	15.3	20.7	20.4	13.9	16.0
272	-	-	-	-	-	-	-	17.0	-	22.9	14.8	19.5	20.2	13.2	15.8
280	-	-	-	-	-	-	-	16.6	-	22.4	14.3	16.8	20.1	12.5	15.7
288	-	-	-	-	-	-	-	-	-	5.6	13.9	-	20.0	12.1	15.3
296	-	-	-	-	-	-	-	-	-	-	13.7	-	19.8	11.6	-
304	-	-	-	-	-	-	-	-	-	-	13.5	-	19.5	11.2	-
312	-	-	-	-	-	-	-	-	-	-	-	-	10.9	-	14.4
320	-	-	-	-	-	-	-	-	-	-	-	-	10.6	-	14.2
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3
344	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.6

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Max. capacities with minimum counterweight
Further counterweight configurations on request!

Operation

360°													ASME B30.5								
149.3 ft + 13.1 ft																					
	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft					
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°			
ft	1,000 lb																				
64	114.1	-	-	99.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
72	109.2	-	-	99.2	-	-	79.4	-	-	66.1	-	-	-	-	-	-	-	-			
80	102.6	-	-	95.1	-	-	79.2	-	-	66.1	-	-	57.3	-	-	50.7	-	-			
88	96.3	-	-	90.6	-	-	78.3	-	-	66.1	-	-	57.3	-	-	50.7	-	-			
96	-	-	-	86.8	-	-	77.2	-	-	66.1	-	-	57.3	-	-	50.7	-	-			
104	-	-	-	85.0	-	-	76.2	-	-	66.1	-	-	57.1	-	-	50.7	-	-			
112	-	67.1	-	-	63.7	-	75.0	60.4	-	66.1	-	-	57.1	-	-	50.7	-	-			
120	-	-	-	-	60.3	-	74.6	56.7	-	66.1	-	-	56.8	-	-	50.6	-	-			
128	-	-	50.5	-	57.5	-	73.9	53.6	-	65.9	51.2	-	56.5	-	-	50.5	-	-			
136	-	-	47.2	-	55.4	45.6	-	51.0	-	65.5	48.3	-	56.3	46.1	-	50.5	-	-			
144	-	-	37.2	-	-	43.3	-	49.2	-	65.1	46.0	-	55.8	43.5	-	50.3	42.2	-			
152	-	-	-	-	-	41.2	-	48.0	38.1	-	43.7	-	55.5	41.2	-	50.2	39.9	-			
160	-	-	-	-	-	29.7	-	-	36.2	-	42.3	-	55.0	39.1	-	50.0	37.9	-			
168	-	-	-	-	-	-	-	-	34.7	-	41.0	33.0	-	37.3	-	49.6	36.0	-			
176	-	-	-	-	-	-	-	-	33.7	-	40.0	31.5	-	35.9	28.9	49.2	34.4	-			
184	-	-	-	-	-	-	-	-	-	-	-	30.3	-	34.9	27.4	47.5	33.0	26.8			
192	-	-	-	-	-	-	-	-	-	-	-	18.0	-	-	26.0	-	32.0	25.3			
200	-	-	-	-	-	-	-	-	-	-	-	16.8	-	-	24.8	-	31.0	23.9			
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.8	-	30.4	22.8			
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.0	-	30.0	21.9			
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21.1			
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4			
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7			

196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		315.0 ft	
ft	1,000 lb												
88	41.9	-	-	-	-	-	-	-	-	-	-	-	-
96	41.9	-	-	32.4	-	-	25.4	-	-	-	-	-	-
104	41.9	-	-	32.4	-	-	25.4	-	-	23.2	-	-	-
112	41.9	-	-	32.4	-	-	25.4	-	-	22.9	-	-	17.6
120	41.9	-	-	32.4	-	-	25.4	-	-	22.6	-	-	17.6
128	41.9	-	-	32.4	-	-	25.4	-	-	22.5	-	-	17.6
136	41.9	-	-	32.4	-	-	25.4	-	-	22.3	-	-	17.6
144	41.9	-	-	32.4	-	-	25.4	-	-	22.1	-	-	17.6
152	41.9	36.9	-	32.4	-	-	25.4	-	-	22.0	-	-	17.6
160	41.9	35.5	-	32.4	-	-	25.4	-	-	22.0	-	-	17.6
168	41.9	34.2	-	32.4	32.1	-	25.4	24.2	-	22.0	-	-	17.6
176	41.9	33.0	-	32.4	30.6	-	25.4	23.9	-	22.0	-	-	17.6
184	41.9	31.9	-	32.4	29.4	-	25.4	23.6	-	22.0	24.2	-	17.6
192	41.9	30.9	-	32.4	28.2	-	25.4	23.3	-	22.0	23.4	-	17.6
200	41.9	29.9	23.2	32.4	27.1	-	25.4	22.9	-	22.0	22.6	-	17.6
208	41.9	29.1	22.0	32.4	26.1	20.3	25.4	22.5	-	22.0	21.8	-	17.6
216	-	28.3	20.8	32.4	25.2	19.0	25.4	22.1	-	22.0	21.0	-	17.6
224	-	27.7	19.8	30.4	24.4	17.8	25.4	21.7	16.2	22.0	20.3	-	17.6
232	-	-	19.0	-	23.7	16.7	25.4	21.3	14.9	22.0	19.6	11.7	17.6
240	-	-	18.3	-	23.1	15.9	25.4	20.9	13.8	22.0	19.0	10.9	17.6
248	-	-	17.6	-	22.7	15.2	-	20.4	12.9	22.0	18.4	10.1	17.6
256	-	-	-	-	-	14.5	-	19.8	12.1	22.0	17.9	9.5	17.6
264	-	-	-	-	-	14.0	-	19.2	11.4	19.1	17.3	8.9	17.6
272	-	-	-	-	-	-	-	-	10.9	-	16.8	8.5	17.4
280	-	-	-	-	-	-	-	-	10.5	-	16.4	8.2	16.9
288	-	-	-	-	-	-	-	-	10.2	-	16.0	7.9	-
296	-	-	-	-	-	-	-	-	-	7.5	-	14.3	7.0
304	-	-	-	-	-	-	-	-	-	-	7.3	-	13.9
312	-	-	-	-	-	-	-	-	-	-	-	6.3	-
320	-	-	-	-	-	-	-	-	-	-	-	6.2	-
328	-	-	-	-	-	-	-	-	-	-	-	6.2	-
344	-	-	-	-	-	-	-	-	-	-	-	-	4.5

Max. capacities with minimum counterweight · Further counterweight configurations on request!

132,300 lb
 176,400 lb
 220,500 lb
 264,600 lb
 308,600 lb
 352,700 lb

360° **ASME B30.5**

165.7 ft + 13.1 ft

ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°
	1,000 lb																	
64	83.8	-	-	72.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	82.7	-	-	69.5	-	-	58.6	-	-	-	-	-	-	-	-	-	-	-
80	80.3	-	-	68.3	-	-	58.6	-	-	48.7	-	-	44.5	-	-	-	-	-
88	78.5	-	-	68.3	-	-	58.5	-	-	48.7	-	-	44.5	-	-	37.7	-	-
96	-	-	-	68.3	-	-	57.9	-	-	48.7	-	-	44.5	-	-	37.7	-	-
104	-	-	-	67.4	-	-	57.6	-	-	48.7	-	-	44.3	-	-	37.7	-	-
112	-	56.1	-	-	54.1	-	57.1	-	-	48.7	-	-	44.1	-	-	37.7	-	-
120	-	53.2	-	-	51.1	-	56.9	-	-	48.7	-	-	43.5	-	-	37.5	-	-
128	-	-	-	-	48.4	-	56.5	42.5	-	48.7	-	-	43.1	-	-	37.5	-	-
136	-	-	-	-	46.0	-	-	40.4	-	48.6	38.0	-	42.7	-	-	37.5	-	-
144	-	-	35.2	-	44.2	-	-	38.7	-	48.3	36.0	-	42.1	33.8	-	37.5	-	-
152	-	-	-	-	-	35.0	-	37.1	-	-	34.2	-	41.8	31.7	-	37.4	30.4	-
160	-	-	-	-	-	33.1	-	36.3	29.0	-	32.8	-	41.4	30.1	-	37.2	28.8	-
168	-	-	-	-	-	-	-	-	27.6	-	31.6	-	-	28.5	-	36.9	27.3	-
176	-	-	-	-	-	-	-	26.4	-	-	30.8	24.4	-	27.3	-	36.6	26.0	-
184	-	-	-	-	-	-	-	20.6	-	-	-	23.3	-	26.3	21.0	36.5	24.9	-
192	-	-	-	-	-	-	-	-	-	-	-	22.3	-	25.5	19.8	-	23.8	-
200	-	-	-	-	-	-	-	-	-	-	-	21.5	-	24.9	18.8	-	23.0	17.9
208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.8	-	22.4	16.9
216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.0	-	21.9	15.9
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.7	-	-	15.1
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.4
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.0

ft	196.9 ft		216.5 ft		236.2 ft		255.9 ft		275.6 ft		295.3 ft		315.0 ft	
	1,000 lb													
88	29.8	-	-	-	-	-	-	-	-	-	-	-	-	-
96	29.8	-	-	22.7	-	-	-	-	-	-	-	-	-	-
104	29.8	-	-	22.7	-	-	17.2	-	-	-	-	-	-	-
112	29.8	-	-	22.7	-	-	17.2	-	-	14.3	-	-	-	-
120	29.8	-	-	22.7	-	-	17.2	-	-	14.3	-	-	-	-
128	29.8	-	-	22.7	-	-	17.2	-	-	14.2	-	-	-	-
136	29.8	-	-	22.7	-	-	17.2	-	-	14.1	-	-	-	-
144	29.8	-	-	22.7	-	-	17.2	-	-	14.1	-	-	-	-
152	29.8	-	-	22.7	-	-	17.2	-	-	13.9	-	-	-	-
160	29.8	26.3	-	22.7	-	-	17.2	-	-	13.9	-	-	-	-
168	29.8	25.3	-	22.7	22.6	-	17.2	-	-	13.9	-	-	-	-
176	29.8	24.2	-	22.7	21.7	-	17.2	16.5	-	13.9	-	-	-	-
184	29.8	23.1	-	22.7	20.7	-	17.2	16.2	-	13.9	-	-	-	-
192	29.8	22.1	-	22.7	19.6	-	17.2	15.8	-	13.9	-	-	-	-
200	29.8	21.3	-	22.7	18.7	-	17.2	15.5	-	13.9	-	-	-	-
208	-	20.6	15.8	22.7	17.8	-	17.2	15.2	-	13.9	-	-	-	-
216	-	20.1	14.8	22.7	17.0	-	17.2	14.8	-	13.9	-	-	-	-
224	-	19.6	14.0	22.7	16.5	-	17.2	14.4	-	13.9	-	-	-	-
232	-	19.1	13.3	-	15.9	-	17.2	14.0	-	13.9	-	-	-	-
240	-	18.7	12.6	-	15.4	-	17.2	13.8	-	13.9	-	-	-	-
248	-	-	12.1	-	14.9	-	-	13.4	-	13.9	-	-	-	-
256	-	-	-	-	-	-	-	13.0	-	13.9	-	-	-	-
264	-	-	-	-	-	-	-	12.7	-	13.9	-	-	-	-
272	-	-	-	-	-	-	-	12.4	-	-	-	-	-	-
280	-	-	-	-	-	-	-	12.0	-	-	-	-	-	-

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

360°													ASME B30.5					
182.1 ft + 13.1 ft																		
ft	78.7 ft			98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft		
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°
1,000 lb																		
72	68.3	-	-	56.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	65.9	-	-	56.1	-	-	44.1	-	-	36.6	-	-	-	-	-	-	-	-
88	64.4	-	-	55.1	-	-	44.1	-	-	36.6	-	-	36.4	-	-	-	-	-
96	-	-	-	53.9	-	-	44.1	-	-	36.6	-	-	36.4	-	-	28.4	-	-
104	-	-	-	52.8	-	-	44.1	-	-	36.6	-	-	36.2	-	-	28.4	-	-
112	-	-	-	-	-	-	44.1	-	-	36.6	-	-	35.9	-	-	28.4	-	-
120	-	44.1	-	-	39.8	-	44.1	-	-	36.6	-	-	35.1	-	-	28.4	-	-
128	-	41.9	-	-	37.6	-	44.1	34.8	-	36.6	-	-	34.4	-	-	28.4	-	-
136	-	-	-	-	35.7	-	-	33.1	-	36.6	-	-	33.7	-	-	28.4	-	-
144	-	-	-	-	34.4	-	-	31.6	-	36.6	29.2	-	33.1	-	-	28.4	-	-
152	-	-	30.4	-	-	-	-	30.3	-	-	27.6	-	32.6	25.0	-	28.4	-	-
160	-	-	-	-	-	26.4	-	29.4	-	-	26.3	-	32.1	23.5	-	28.4	22.1	-
168	-	-	-	-	-	24.0	-	-	-	-	25.3	-	-	22.2	-	28.2	20.8	-
176	-	-	-	-	-	22.3	-	-	21.7	-	24.4	-	-	21.1	-	28.0	19.6	-
184	-	-	-	-	-	-	-	-	20.8	-	23.6	18.3	-	20.1	-	27.9	18.6	-
192	-	-	-	-	-	-	-	-	-	-	-	17.5	-	19.3	-	-	17.7	-
200	-	-	-	-	-	-	-	-	-	-	-	16.7	-	18.7	13.8	-	17.0	-
208	-	-	-	-	-	-	-	-	-	-	-	12.5	-	-	13.3	-	16.4	12.1
216	-	-	-	-	-	-	-	-	-	-	-	11.5	-	-	12.6	-	15.9	11.3
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.1	-	13.2	10.6
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.0
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4

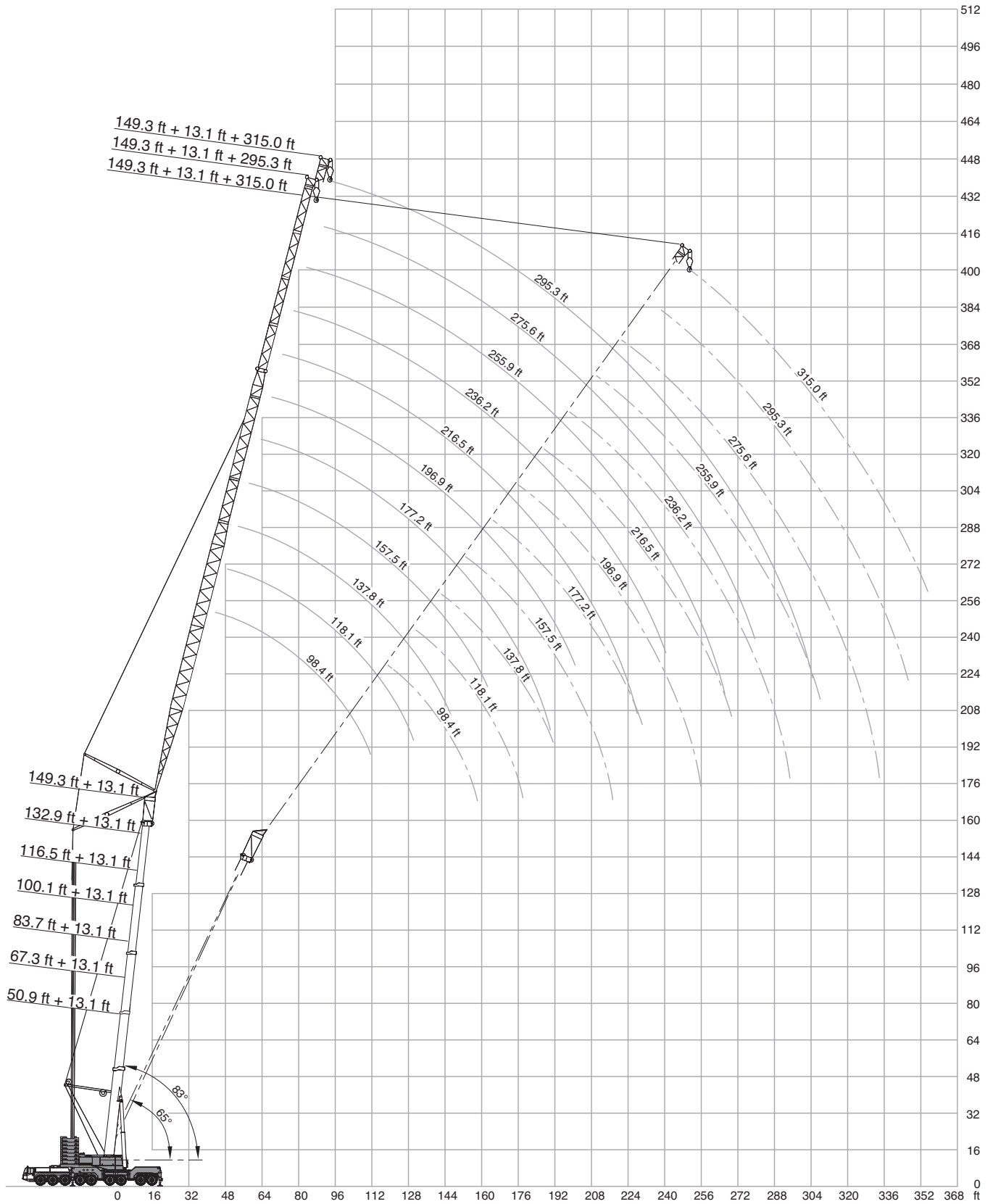
ft	196.9 ft			216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	1,000 lb																				
96	20.9	-	-	15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
104	20.9	-	-	15.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
112	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	-	-	-	-	-	-			
120	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
128	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
136	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
144	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
152	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
160	20.9	-	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
168	20.9	18.9	-	15.4	-	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
176	20.9	17.8	-	15.4	13.8	-	11.0	-	-	7.3	-	-	4.4	-	-	-	-	-			
184	20.9	16.9	-	15.4	13.0	-	11.0	10.6	-	7.3	-	-	4.4	-	-	-	-	-			
192	20.9	16.1	-	15.4	12.2	-	11.0	10.2	-	7.3	-	-	4.4	-	-	-	-	-			
200	20.9	15.3	-	15.4	11.5	-	11.0	9.7	-	7.3	-	-	4.4	-	-	-	-	-			
208	-	14.6	-	15.4	10.9	-	11.0	9.2	-	7.3	-	-	4.4	-	-	-	-	-			
216	-	13.9	10.2	15.4	10.2	-	11.0	8.8	-	7.3	-	-	4.4	-	-	-	-	-			
224	-	13.5	9.4	15.4	9.5	-	11.0	8.6	-	7.3	-	-	4.4	-	-	-	-	-			
232	-	13.1	8.7	-	8.9	-	11.0	8.3	-	7.3	-	-	4.4	-	-	-	-	-			
240	-	12.7	8.1	-	8.3	-	11.0	7.9	-	7.3	-	-	4.4	-	-	-	-	-			
248	-	-	7.7	-	7.9	-	-	7.5	-	7.3	-	-	4.4	-	-	-	-	-			
256	-	-	7.3	-	7.0	-	-	7.3	-	7.3	-	-	4.4	-	-	-	-	-			
264	-	-	6.9	-	6.4	-	-	7.0	-	7.3	-	-	4.4	-	-	-	-	-			
272	-	-	-	-	-	-	-	6.8	-	-	-	-	4.4	-	-	-	-	-			
280	-	-	-	-	-	-	-	6.7	-	-	-	-	4.4	-	-	-	-	-			

Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 132,300 lb
- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

WIHI-SSL 0°/60°



Operation



WIHI-SSL 0°/60°

360°														ASME B30.5					
116.5 ft + 13.1 ft																			
ft	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft			
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	
1,000 lb																			
56	202.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64	196.2	-	-	174.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	182.2	-	-	170.9	-	-	146.6	-	-	-	-	-	-	-	-	-	-	-	-
80	169.8	-	-	163.0	-	-	146.2	-	-	125.9	-	-	107.6	-	-	-	-	-	-
88	157.3	-	-	152.9	-	-	142.6	-	-	122.6	-	-	104.9	-	-	88.4	-	-	-
96	146.6	134.4	-	143.3	116.2	-	136.5	-	-	119.2	-	-	102.2	-	-	86.8	-	-	-
104	134.9	127.6	-	134.4	112.8	-	129.8	-	-	116.1	-	-	100.5	-	-	85.0	-	-	-
112	-	120.5	-	125.1	109.3	-	123.1	98.5	-	112.2	-	-	98.0	-	-	83.7	-	-	-
120	-	111.7	103.4	112.9	105.0	-	116.4	98.0	-	108.5	78.3	-	95.3	-	-	82.4	-	-	-
128	-	69.4	96.2	-	100.1	94.1	109.1	96.8	-	104.7	78.3	-	93.1	66.1	-	80.5	-	-	-
136	-	-	89.8	-	94.0	88.0	97.0	93.5	-	100.1	78.3	-	91.0	66.1	-	78.6	59.5	-	-
144	-	-	84.2	-	87.8	82.3	80.1	88.0	80.3	94.0	77.4	-	87.3	66.1	-	77.2	59.5	-	-
152	-	-	-	-	-	77.4	-	82.6	75.2	82.1	76.1	73.5	84.2	66.0	-	75.7	59.5	-	-
160	-	-	-	-	-	72.9	-	77.7	70.8	69.9	72.8	69.0	77.1	65.3	-	73.0	59.5	-	-
168	-	-	-	-	-	-	-	-	66.9	-	69.6	65.1	67.1	64.0	63.6	70.3	59.3	-	-
176	-	-	-	-	-	-	-	-	63.2	-	66.4	61.4	58.0	61.8	60.0	67.6	58.7	59.1	-
184	-	-	-	-	-	-	-	-	33.7	-	37.8	58.1	-	59.5	56.8	60.8	57.0	56.1	-
192	-	-	-	-	-	-	-	-	-	-	-	55.0	-	57.3	53.7	53.2	55.4	53.0	-
200	-	-	-	-	-	-	-	-	-	-	-	52.2	-	55.2	51.0	45.2	53.5	50.2	-
208	-	-	-	-	-	-	-	-	-	-	-	-	-	48.4	-	-	51.8	47.6	-
216	-	-	-	-	-	-	-	-	-	-	-	-	-	45.8	-	-	50.0	45.1	-
224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.3	43.2	-	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.1	-

ft	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft			
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	
1,000 lb																			
96	69.9	-	-	60.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	68.5	-	-	59.4	-	-	49.5	-	-	-	-	-	-	-	-	-	-	-	-
112	67.2	-	-	58.1	-	-	48.4	-	-	39.0	-	-	31.0	-	-	-	-	-	-
120	66.1	-	-	57.0	-	-	47.4	-	-	37.9	-	-	30.3	-	-	24.6	-	-	-
128	65.6	-	-	55.9	-	-	46.3	-	-	37.0	-	-	29.6	-	-	24.0	-	-	-
136	64.6	-	-	54.9	-	-	45.1	-	-	36.1	-	-	29.0	-	-	23.3	-	-	-
144	63.7	46.3	-	54.0	-	-	44.3	-	-	35.1	-	-	28.3	-	-	22.7	-	-	-
152	62.7	46.3	-	53.5	40.8	-	43.6	-	-	34.3	-	-	27.5	-	-	22.2	-	-	-
160	61.9	46.3	-	52.7	40.8	-	43.0	35.3	-	33.5	-	-	26.9	-	-	21.4	-	-	-
168	60.9	46.3	-	51.9	40.8	-	42.3	35.3	-	32.7	28.7	-	26.1	-	-	20.9	-	-	-
176	59.7	46.3	-	51.0	40.8	-	41.7	35.3	-	32.1	28.7	-	25.5	-	-	20.4	-	-	-
184	58.6	46.1	46.3	50.1	40.8	-	41.0	35.3	-	31.3	28.7	-	24.8	22.9	-	19.7	-	-	-
192	56.6	45.9	46.3	49.2	40.8	-	40.2	35.3	-	30.5	28.7	-	24.1	22.9	-	19.1	17.8	-	-
200	50.9	45.2	46.3	48.1	40.6	40.8	39.4	35.3	-	29.8	28.7	-	23.3	22.7	-	18.5	17.6	-	-
208	45.0	44.7	45.4	45.9	40.3	40.8	38.6	35.3	35.3	29.2	28.7	-	22.6	22.6	-	18.0	17.5	-	-
216	38.8	44.1	43.4	43.0	39.7	40.8	37.8	35.1	35.3	28.5	28.7	-	22.1	22.5	-	17.5	17.2	-	-
224	-	43.6	41.2	38.0	39.2	39.4	36.8	34.8	35.3	27.8	28.6	28.4	21.8	22.3	-	16.9	16.9	-	-
232	-	42.9	39.1	32.8	38.6	37.4	35.3	34.5	35.1	27.2	28.3	27.9	21.5	22.2	23.0	16.4	16.7	-	-
240	-	41.8	37.3	27.3	38.1	35.6	32.3	34.1	34.6	26.8	27.9	27.5	21.1	22.1	22.6	16.0	16.4	-	-
248	-	-	35.5	-	37.5	33.7	28.5	33.7	33.3	26.4	27.4	27.1	20.8	21.8	22.2	15.6	16.2	16.9	-
256	-	-	-	-	16.5	31.9	-	33.3	31.5	26.0	26.9	26.7	20.5	21.4	21.8	15.2	16.1	16.5	-
264	-	-	-	-	-	30.5	-	32.9	30.0	23.8	26.5	26.4	20.2	21.1	21.4	14.8	15.7	16.3	-
272	-	-	-	-	-	29.0	-	31.7	28.6	21.0	26.0	26.1	19.9	20.8	21.1	14.5	15.3	16.0	-
280	-	-	-	-	-	-	-	29.1	27.3	17.1	25.5	25.7	19.5	20.4	20.8	14.2	15.1	15.7	-
288	-	-	-	-	-	-	-	-	25.9	-	25.1	25.1	17.4	20.1	20.5	13.9	14.7	15.5	-
296	-	-	-	-	-	-	-	-	-	11.4	24.4	-	-	19.8	20.3	13.6	14.3	15.2	-
304	-	-	-	-	-	-	-	-	-	-	23.3	-	-	19.4	20.0	13.4	14.0	14.8	-
312	-	-	-	-	-	-	-	-	-	-	22.2	-	-	19.1	19.7	11.9	13.8	14.4	-
320	-	-	-	-	-	-	-	-	-	-	-	-	-	18.8	19.5	9.1	13.5	14.2	-
328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.1	-	13.1	13.8	-
336	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	13.4	-
352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.9

Operation

WIHI-SSL 0°/60°

 360°													ASME B30.5					
																		
ft	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft		
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
1,000 lb																		
64	157.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	143.6	-	-	142.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	133.9	-	-	131.7	-	-	128.4	-	-	117.8	-	-	-	-	-	-	-	-
88	124.7	-	-	121.8	-	-	119.2	-	-	111.7	-	-	100.1	-	-	84.0	-	-
96	116.0	116.5	-	113.8	-	-	111.2	-	-	106.3	-	-	96.7	-	-	82.0	-	-
104	107.0	109.4	-	105.7	93.9	-	104.4	-	-	101.0	-	-	94.0	-	-	80.6	-	-
112	-	102.1	-	98.8	92.3	-	97.7	78.5	-	94.5	-	-	90.2	-	-	79.3	-	-
120	-	95.8	-	91.0	90.4	-	91.3	78.2	-	89.1	64.4	-	86.1	-	-	77.6	-	-
128	-	89.5	92.3	-	87.4	-	85.9	78.0	-	83.7	64.4	-	81.5	55.6	-	74.9	-	-
136	-	82.4	87.5	-	82.1	84.5	79.8	77.9	-	79.2	64.4	-	77.0	55.6	-	72.3	-	-
144	-	-	82.3	-	76.7	80.2	74.1	74.7	-	74.1	64.4	-	72.9	55.6	-	69.6	48.3	-
152	-	-	46.3	-	52.4	75.3	-	70.8	72.3	69.8	64.0	-	68.9	55.6	-	66.9	48.3	-
160	-	-	-	-	-	71.0	-	66.5	68.7	64.9	61.6	63.3	65.1	55.6	-	64.1	48.3	-
168	-	-	-	-	-	38.8	-	43.7	65.1	-	59.2	61.5	61.6	54.5	55.2	61.0	48.3	-
176	-	-	-	-	-	-	-	-	61.4	-	56.6	59.4	57.7	52.5	54.0	57.8	48.3	-
184	-	-	-	-	-	-	-	-	58.1	-	53.9	56.3	-	50.4	52.4	54.6	47.1	47.8
192	-	-	-	-	-	-	-	-	-	-	-	53.2	-	48.5	51.0	50.9	45.7	47.0
200	-	-	-	-	-	-	-	-	-	-	-	50.5	-	46.3	49.0	45.8	44.1	46.3
208	-	-	-	-	-	-	-	-	-	-	-	23.7	-	28.4	46.7	-	42.7	45.3
216	-	-	-	-	-	-	-	-	-	-	-	-	-	44.3	-	41.1	43.6	-
224	-	-	-	-	-	-	-	-	-	-	-	-	-	42.3	-	39.5	41.6	-
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.6	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.7	-
248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.3	-





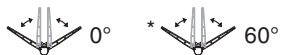
Max. capacities with minimum counterweight - Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

360°													ASME B30.5					
 132.9 ft +  13.1 ft																		
ft	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
1,000 lb																		
96	67.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
104	66.3	-	-	56.1	-	-	46.4	-	-	-	-	-	-	-	-	-	-	-
112	66.1	-	-	55.3	-	-	45.8	-	-	37.0	-	-	-	-	-	-	-	-
120	65.2	-	-	54.7	-	-	45.3	-	-	36.3	-	-	29.2	-	-	-	-	-
128	64.1	-	-	53.9	-	-	44.5	-	-	35.7	-	-	28.7	-	-	22.5	-	-
136	63.1	-	-	53.3	-	-	44.0	-	-	35.2	-	-	28.1	-	-	22.1	-	-
144	62.2	-	-	52.5	-	-	43.5	-	-	34.4	-	-	27.6	-	-	21.8	-	-
152	61.1	37.5	-	51.9	-	-	42.9	-	-	33.9	-	-	27.0	-	-	21.3	-	-
160	60.2	37.5	-	51.2	31.5	-	42.2	-	-	33.3	-	-	26.5	-	-	21.1	-	-
168	58.6	37.5	-	50.6	31.5	-	41.6	27.3	-	32.5	-	-	25.9	-	-	20.7	-	-
176	56.3	37.5	-	49.9	31.5	-	41.1	27.3	-	31.8	21.6	-	25.2	-	-	20.1	-	-
184	53.6	37.5	-	48.6	31.5	-	40.5	27.3	-	31.2	21.6	-	24.7	17.4	-	19.6	-	-
192	50.8	37.3	37.5	47.1	31.5	-	39.9	27.3	-	30.5	21.6	-	24.1	17.2	-	19.1	11.9	-
200	48.1	36.6	37.5	45.4	31.5	-	39.0	27.3	-	29.8	21.6	-	23.4	17.2	-	18.5	11.8	-
208	44.4	36.1	37.5	43.8	31.2	31.5	38.1	27.3	-	29.2	21.6	-	22.8	17.0	-	18.0	11.5	-
216	40.0	35.5	37.5	42.2	30.9	31.5	37.3	27.3	27.3	28.5	21.6	-	22.1	17.0	-	17.5	11.3	-
224	-	34.8	37.0	38.3	30.4	31.5	36.5	27.1	27.3	27.8	21.6	-	21.5	16.8	-	16.9	11.0	-
232	-	34.2	36.2	33.9	30.1	31.4	35.2	26.8	27.3	27.1	21.5	21.3	21.0	16.7	-	16.4	10.9	-
240	-	33.5	35.0	28.5	29.7	31.2	32.8	26.5	27.3	26.5	21.3	21.0	20.5	16.5	16.4	16.0	10.7	-
248	-	18.5	33.7	-	29.3	30.6	29.2	26.3	27.2	25.9	21.0	20.9	19.9	16.4	16.2	15.6	10.4	-
256	-	-	32.4	-	28.9	29.8	-	26.0	27.1	25.3	20.7	20.7	19.4	16.3	16.1	15.2	10.4	10.8
264	-	-	30.9	-	28.6	28.8	-	25.7	26.4	23.9	20.6	20.5	19.0	16.0	16.0	14.8	10.1	10.7
272	-	-	-	-	-	27.7	-	25.5	25.8	21.5	20.4	20.2	18.6	15.8	15.8	14.4	9.9	10.5
280	-	-	-	-	-	26.4	-	25.2	25.3	17.8	20.1	20.1	18.2	15.7	15.7	14.0	9.7	10.4
288	-	-	-	-	-	6.7	-	11.8	24.4	-	19.9	20.0	16.8	15.6	15.6	13.7	9.6	10.2
296	-	-	-	-	-	-	-	-	23.5	-	19.6	19.8	-	15.4	15.4	13.4	9.5	9.9
304	-	-	-	-	-	-	-	-	22.3	-	19.4	19.6	-	15.3	15.3	13.2	9.3	9.8
312	-	-	-	-	-	-	-	-	-	-	-	19.6	-	15.2	15.2	11.9	9.2	9.6
320	-	-	-	-	-	-	-	-	-	-	-	19.4	-	15.0	15.0	9.3	8.9	9.5
328	-	-	-	-	-	-	-	-	-	-	-	-	-	14.9	-	8.7	9.3	-
336	-	-	-	-	-	-	-	-	-	-	-	-	-	14.7	-	8.6	9.0	-
344	-	-	-	-	-	-	-	-	-	-	-	-	-	14.6	-	8.4	8.8	-
352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.7	-
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.4	-






Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

WIHI-SSL 0°/60°

 360°													ASME B30.5					
 149.3 ft +  13.1 ft																		
ft	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft		
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
1,000 lb																		
64	146.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72	139.1	-	-	132.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	129.5	-	-	123.3	-	-	117.8	-	-	-	-	-	-	-	-	-	-	-
88	120.7	-	-	115.7	-	-	110.2	-	-	102.9	-	-	92.3	-	-	-	-	-
96	112.7	-	-	109.0	-	-	104.1	-	-	97.5	-	-	88.3	-	-	75.4	-	-
104	104.6	96.0	-	102.1	-	-	98.8	-	-	92.2	-	-	85.2	-	-	74.2	-	-
112	-	91.9	-	95.5	78.4	-	93.4	-	-	88.0	-	-	81.4	-	-	72.7	-	-
120	-	87.1	-	88.8	77.1	-	88.0	65.9	-	83.9	-	-	78.4	-	-	71.3	-	-
128	-	82.0	-	82.1	75.3	-	82.6	65.5	-	79.9	57.3	-	74.9	-	-	69.4	-	-
136	-	76.2	74.6	-	72.7	-	78.1	65.1	-	75.9	57.3	-	72.3	50.7	-	67.5	-	-
144	-	-	71.1	-	69.0	-	72.0	63.8	-	71.8	57.3	-	68.5	50.7	-	65.8	39.9	-
152	-	-	67.4	-	64.7	66.8	-	62.0	-	67.8	57.2	-	65.7	50.7	-	63.6	39.9	-
160	-	-	41.0	-	-	63.6	-	58.9	62.0	63.5	56.0	-	62.7	50.7	-	61.2	39.9	-
168	-	-	-	-	-	60.2	-	55.9	59.2	-	54.0	56.4	59.4	50.3	-	58.5	39.9	-
176	-	-	-	-	-	56.7	-	52.9	56.4	-	51.1	53.5	56.0	49.3	-	55.5	39.9	-
184	-	-	-	-	-	-	-	-	53.5	-	48.2	50.6	49.4	47.3	48.9	52.7	39.5	-
192	-	-	-	-	-	-	-	-	27.2	-	-	47.8	-	45.2	47.0	49.8	39.0	39.8
200	-	-	-	-	-	-	-	-	25.6	-	-	45.3	-	43.0	45.1	46.7	37.9	39.6
208	-	-	-	-	-	-	-	-	-	-	-	42.9	-	40.7	43.1	-	37.0	39.2
216	-	-	-	-	-	-	-	-	-	-	-	40.5	-	38.5	40.9	-	36.0	38.8
224	-	-	-	-	-	-	-	-	-	-	-	-	-	38.8	-	34.9	37.8	-
232	-	-	-	-	-	-	-	-	-	-	-	-	-	15.8	-	-	-	36.3
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	34.7
248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.2



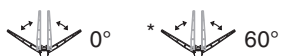
Max. capacities with minimum counterweight - Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
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-  352,700 lb

Operation

WIHI-SSL 0°/60°

360°													ASME B30.5					
149.3 ft + 13.1 ft																		
ft	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
1,000 lb																		
104	62.7	-	-	53.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
112	62.4	-	-	52.7	-	-	43.2	-	-	-	-	-	-	-	-	-	-	-
120	61.8	-	-	52.2	-	-	42.9	-	-	34.9	-	-	27.4	-	-	-	-	-
128	61.2	-	-	51.9	-	-	42.4	-	-	34.4	-	-	27.0	-	-	21.3	-	-
136	60.5	-	-	51.5	-	-	42.2	-	-	34.0	-	-	26.7	-	-	21.0	-	-
144	59.4	-	-	51.2	-	-	41.9	-	-	33.5	-	-	26.5	-	-	20.7	-	-
152	58.2	32.4	-	50.6	-	-	41.4	-	-	33.0	-	-	26.2	-	-	20.5	-	-
160	57.0	32.4	-	50.1	-	-	41.1	-	-	32.5	-	-	25.9	-	-	20.4	-	-
168	55.6	32.4	-	49.6	25.4	-	40.6	20.5	-	31.9	-	-	25.5	-	-	20.1	-	-
176	54.0	32.4	-	49.0	25.4	-	40.2	20.5	-	31.4	-	-	25.0	-	-	19.9	-	-
184	51.6	32.4	-	48.0	25.4	-	39.7	20.5	-	30.7	14.3	-	24.5	-	-	19.5	-	-
192	49.1	32.4	-	46.7	25.4	-	39.1	20.5	-	30.1	14.3	-	23.9	9.9	-	19.1	-	-
200	46.5	32.2	-	44.6	25.4	-	38.6	20.5	-	29.6	14.3	-	23.2	9.9	-	18.5	5.5	-
208	43.8	32.0	32.4	42.4	25.4	-	37.8	20.5	-	28.9	14.3	-	22.6	9.9	-	18.0	5.5	-
216	41.0	31.8	32.4	40.3	25.4	25.4	36.9	20.5	-	28.3	14.3	-	22.1	9.9	-	17.5	5.5	-
224	34.3	31.5	32.4	38.0	25.4	25.4	35.9	20.5	19.8	27.7	14.3	-	21.5	9.9	-	16.9	5.5	-
232	-	31.2	32.2	34.8	25.4	25.4	34.8	20.5	19.8	27.1	14.3	-	21.0	9.9	-	16.4	5.5	-
240	-	31.0	31.5	29.4	25.4	25.4	33.2	20.5	19.8	26.5	14.3	14.3	20.5	9.9	-	16.0	5.5	-
248	-	30.6	30.6	-	25.4	25.2	29.8	20.5	19.8	25.9	14.3	14.3	20.0	9.9	9.9	15.6	5.5	-
256	-	-	29.5	-	25.4	24.9	25.5	20.5	19.8	25.3	14.3	14.3	19.6	9.9	9.9	15.2	5.5	5.5
264	-	-	28.5	-	25.4	24.6	20.7	20.5	19.8	24.1	14.3	14.3	19.1	9.9	9.9	14.8	5.5	5.5
272	-	-	8.6	-	-	24.3	-	20.5	19.8	22.0	14.3	14.3	18.6	9.9	9.9	14.4	5.5	5.5
280	-	-	-	-	-	23.9	-	20.5	19.8	18.2	14.3	14.3	18.2	9.9	9.9	14.0	5.5	5.5
288	-	-	-	-	-	23.3	-	20.5	19.8	-	14.3	14.3	17.0	9.9	9.9	13.7	5.5	5.5
296	-	-	-	-	-	-	-	-	19.8	-	14.3	14.3	15.3	9.9	9.9	13.4	5.5	5.5
304	-	-	-	-	-	-	-	-	19.8	-	14.3	14.3	11.8	9.9	9.9	13.2	5.5	5.5
312	-	-	-	-	-	-	-	-	-	-	14.3	14.3	-	9.9	9.9	11.9	5.5	5.5
320	-	-	-	-	-	-	-	-	-	-	14.3	14.3	-	9.9	9.9	9.5	5.5	5.5
328	-	-	-	-	-	-	-	-	-	-	14.3	14.3	-	9.9	9.9	-	5.5	5.5
336	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	9.9	-	5.5	5.5
344	-	-	-	-	-	-	-	-	-	-	-	-	-	9.9	9.9	-	5.5	5.5
352	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5
360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5
368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.5





Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 176,400 lb
- 220,500 lb
- 264,600 lb
- 308,600 lb
- 352,700 lb

Operation

WIHI-SSL 0°/60°

360°													ASME B30.5					
 165.7 ft +  13.1 ft																		
ft	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft		
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
1,000 lb																		
72	111.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	103.7	-	-	99.0	-	-	95.9	-	-	-	-	-	-	-	-	-	-	-
88	96.9	-	-	91.9	-	-	89.2	-	-	83.1	-	-	-	-	-	-	-	-
96	90.9	-	-	86.8	-	-	83.2	-	-	78.0	-	-	73.6	-	-	65.3	-	-
104	85.5	-	-	82.2	-	-	78.6	-	-	73.4	-	-	69.8	-	-	63.3	-	-
112	-	67.9	-	78.0	58.5	-	74.7	-	-	69.2	-	-	66.0	-	-	61.2	-	-
120	-	63.9	-	72.9	56.7	-	70.7	-	-	65.6	-	-	62.9	-	-	59.0	-	-
128	-	60.1	-	68.9	54.8	-	67.2	48.1	-	63.0	-	-	59.7	-	-	56.8	-	-
136	-	56.4	-	-	52.7	-	64.1	47.4	-	60.0	43.7	-	57.0	-	-	54.5	-	-
144	-	52.8	53.0	-	50.2	-	60.6	46.6	-	57.2	42.6	-	54.4	37.3	-	52.1	-	-
152	-	-	50.4	-	47.2	47.1	-	45.5	-	54.5	41.7	-	51.7	36.7	-	49.9	29.1	-
160	-	-	47.9	-	44.3	44.7	-	43.0	-	51.8	40.7	-	49.6	36.2	-	47.6	29.1	-
168	-	-	-	-	-	42.4	-	40.7	40.1	-	39.1	-	47.5	35.7	-	45.7	29.1	-
176	-	-	-	-	-	40.2	-	38.3	38.2	-	37.1	35.9	45.5	35.1	-	43.9	29.1	-
184	-	-	-	-	-	30.4	-	-	36.3	-	35.2	34.1	43.0	33.7	31.9	42.0	29.1	-
192	-	-	-	-	-	-	-	-	34.4	-	33.1	32.5	-	32.0	30.6	40.2	28.9	-
200	-	-	-	-	-	-	-	-	32.7	-	31.1	30.9	-	30.2	29.1	38.3	27.8	27.7
208	-	-	-	-	-	-	-	-	-	-	-	29.4	-	28.6	27.7	-	26.7	26.5
216	-	-	-	-	-	-	-	-	-	-	-	27.9	-	27.0	26.3	-	25.4	25.2
224	-	-	-	-	-	-	-	-	-	-	-	17.5	-	-	25.2	-	24.4	24.1
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.9	-	23.3	22.8
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.7	-	22.2	21.8
248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.7
256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.2
264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.5





Max. capacities with minimum counterweight · Further counterweight configurations on request!

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-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

360°													ASME B30.5											
 165.7 ft +  13.1 ft																								
ft	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft								
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°						
1,000 lb																								
104	56.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
112	54.3	-	-	44.3	-	-	37.2	-	-	-	-	-	-	-	-	-	-	-						
120	52.5	-	-	43.2	-	-	36.7	-	-	30.4	-	-	-	-	-	-	-	-						
128	50.8	-	-	42.3	-	-	36.2	-	-	30.0	-	-	23.5	-	-	-	-	-						
136	49.1	-	-	41.2	-	-	35.6	-	-	29.6	-	-	23.2	-	-	-	-	-						
144	47.3	-	-	40.4	-	-	35.1	-	-	29.3	-	-	23.1	-	-	-	-	-						
152	45.4	-	-	39.3	-	-	34.3	-	-	28.8	-	-	22.9	-	-	-	-	-						
160	43.5	21.4	-	38.2	-	-	33.8	-	-	28.6	-	-	22.8	-	-	-	-	-						
168	41.6	21.4	-	37.2	15.7	-	33.2	-	-	28.2	-	-	22.6	-	-	-	-	-						
176	39.7	21.4	-	36.1	15.7	-	32.5	12.6	-	27.6	-	-	22.3	-	-	-	-	-						
184	38.3	21.4	-	35.0	15.7	-	31.8	12.6	-	27.2	9.5	-	22.0	-	-	-	-	-						
192	37.0	21.4	-	33.9	15.7	-	31.2	12.6	-	26.8	9.5	-	21.8	-	-	-	-	-						
200	35.6	21.4	-	32.9	15.7	-	30.5	12.6	-	26.2	9.5	-	21.5	-	-	-	-	-						
208	34.1	21.1	21.2	31.8	15.7	-	29.7	12.6	-	25.8	9.5	-	21.2	-	-	-	-	-						
216	32.5	20.5	20.8	30.7	15.7	-	28.9	12.6	-	25.4	9.5	-	20.8	-	-	-	-	-						
224	30.8	20.0	20.5	29.6	15.4	15.7	28.0	12.6	-	24.7	9.5	-	20.5	-	-	-	-	-						
232	-	19.5	20.1	28.4	15.4	15.7	27.1	12.6	12.6	24.1	9.5	-	20.2	-	-	-	-	-						
240	-	18.9	19.6	27.0	15.1	15.7	26.3	12.6	12.6	23.6	9.5	-	19.8	-	-	-	-	-						
248	-	18.4	18.8	-	14.9	15.7	25.2	12.5	12.6	23.0	9.5	9.5	19.4	-	-	-	-	-						
256	-	-	17.8	-	14.8	15.6	24.0	12.3	12.6	22.5	9.5	9.5	19.2	-	-	-	-	-						
264	-	-	16.9	-	14.5	15.0	20.6	12.2	12.6	21.8	9.5	9.5	18.8	-	-	-	-	-						
272	-	-	16.0	-	14.3	14.3	-	12.1	12.4	20.5	9.5	9.5	18.4	-	-	-	-	-						
280	-	-	15.0	-	14.1	13.4	-	11.9	12.0	18.3	9.5	9.5	18.0	-	-	-	-	-						
288	-	-	-	-	-	12.7	-	11.8	11.5	-	9.5	9.3	17.0	-	-	-	-	-						
296	-	-	-	-	-	-	-	-	11.0	-	9.5	9.0	15.6	-	-	-	-	-						
304	-	-	-	-	-	-	-	-	10.4	-	9.5	8.7	12.2	-	-	-	-	-						
312	-	-	-	-	-	-	-	-	9.9	-	9.5	8.5	-	-	-	-	-	-						
320	-	-	-	-	-	-	-	-	9.4	-	-	8.3	-	-	-	-	-	-						
328	-	-	-	-	-	-	-	-	-	-	-	7.9	-	-	-	-	-	-						







Max. capacities with minimum counterweight · Further counterweight configurations on request!

-  176,400 lb
-  220,500 lb
-  264,600 lb
-  308,600 lb
-  352,700 lb

Operation

WIHI-SSL 0°/60°

 360°													ASME B30.5						
 182.1 ft +  13.1 ft																			
	98.4 ft			118.1 ft			137.8 ft			157.5 ft			177.2 ft			196.6 ft			
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	
ft	1,000 lb																		
72	87.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80	80.7	-	-	76.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	75.3	-	-	70.9	-	-	68.5	-	-	-	-	-	-	-	-	-	-	-	-
96	71.1	-	-	66.9	-	-	64.1	-	-	60.0	-	-	53.9	-	-	-	-	-	-
104	67.6	-	-	63.7	-	-	60.6	-	-	56.2	-	-	51.3	-	-	47.0	-	-	-
112	-	53.7	-	60.5	-	-	57.2	-	-	52.6	-	-	48.4	-	-	44.9	-	-	-
120	-	52.9	-	58.6	41.9	-	54.4	-	-	50.2	-	-	45.9	-	-	42.7	-	-	-
128	-	51.7	-	57.0	41.9	-	52.0	34.6	-	47.9	-	-	43.5	-	-	40.7	-	-	-
136	-	49.6	-	-	41.9	-	50.4	34.6	-	45.5	-	-	41.6	-	-	38.9	-	-	-
144	-	47.1	-	-	41.3	-	49.0	34.6	-	43.9	30.4	-	39.8	-	-	37.3	-	-	-
152	-	-	44.7	-	40.3	-	-	34.5	-	42.8	30.2	-	38.0	25.4	-	35.7	-	-	-
160	-	-	42.4	-	38.9	-	-	34.0	-	41.5	29.8	-	36.9	25.4	-	34.2	19.4	-	-
168	-	-	34.7	-	-	37.6	-	33.3	-	-	29.3	-	35.9	25.4	-	33.0	19.4	-	-
176	-	-	32.5	-	-	35.8	-	32.5	32.7	-	28.7	-	35.0	25.4	-	31.9	19.4	-	-
184	-	-	-	-	-	34.1	-	31.7	31.7	-	28.0	28.4	34.1	25.1	-	30.8	19.4	-	-
192	-	-	-	-	-	-	-	-	30.6	-	27.4	27.5	-	24.8	-	29.8	19.4	-	-
200	-	-	-	-	-	-	-	-	29.2	-	26.6	26.6	-	24.3	24.5	28.8	19.4	-	-
208	-	-	-	-	-	-	-	-	21.1	-	-	25.6	-	23.7	23.6	-	19.4	19.4	-
216	-	-	-	-	-	-	-	-	19.7	-	-	24.5	-	23.2	22.6	-	19.4	19.4	-
224	-	-	-	-	-	-	-	-	-	-	-	23.2	-	21.5	21.7	-	19.4	19.4	-
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20.7	-	19.4	19.3	-
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.7	-	19.4	18.9	-
248	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0	-	-	18.2	-
256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.4	-
264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16.6	-



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WIHI-SSL 0°/60°

360°													ASME B30.5					
182.1 ft + 13.1 ft																		
ft	216.5 ft			236.2 ft			255.9 ft			275.6 ft			295.3 ft			315.0 ft		
	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°	83°*	73°	65°
1,000 lb																		
112	39.8	-	-	35.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
120	38.0	-	-	33.6	-	-	29.9	-	-	-	-	-	-	-	-	-	-	-
128	36.3	-	-	32.1	-	-	28.9	-	-	23.8	-	-	17.9	-	-	-	-	-
136	34.5	-	-	30.7	-	-	27.6	-	-	23.1	-	-	17.9	-	-	-	-	-
144	33.1	-	-	29.2	-	-	26.5	-	-	22.5	-	-	17.6	-	-	-	-	-
152	31.8	-	-	27.9	-	-	25.4	-	-	22.0	-	-	17.4	-	-	-	-	-
160	30.7	-	-	27.0	-	-	24.4	-	-	21.4	-	-	17.3	-	-	-	-	-
168	29.5	14.3	-	26.1	-	-	23.6	-	-	20.7	-	-	17.1	-	-	-	-	-
176	28.4	14.3	-	25.3	11.0	-	22.8	-	-	20.3	-	-	17.0	-	-	-	-	-
184	27.5	14.3	-	24.3	11.0	-	22.0	7.3	-	19.8	-	-	16.7	-	-	-	-	-
192	26.7	14.3	-	23.4	11.0	-	21.2	7.3	-	19.3	-	-	16.5	-	-	-	-	-
200	25.9	14.3	-	22.8	11.0	-	20.6	7.3	-	18.7	-	-	16.2	-	-	-	-	-
208	25.2	14.3	-	22.1	11.0	-	20.0	7.3	-	18.3	-	-	15.9	-	-	-	-	-
216	24.5	14.3	-	21.4	11.0	-	19.4	7.3	-	17.9	-	-	15.5	-	-	-	-	-
224	23.6	14.3	14.1	20.8	11.0	-	18.8	7.3	-	17.4	-	-	15.2	-	-	-	-	-
232	-	14.3	13.8	20.1	11.0	8.8	18.1	7.3	-	16.8	-	-	14.9	-	-	-	-	-
240	-	14.3	13.5	19.4	11.0	8.8	17.6	7.3	7.3	16.3	-	-	14.5	-	-	-	-	-
248	-	14.3	13.3	-	11.0	8.8	17.1	7.3	7.3	15.7	-	-	14.1	-	-	-	-	-
256	-	14.1	13.0	-	11.0	8.8	16.5	7.3	7.3	15.2	-	-	13.7	-	-	-	-	-
264	-	13.3	12.6	-	11.0	8.8	16.0	7.3	7.3	14.8	-	-	13.1	-	-	-	-	-
272	-	-	12.2	-	11.0	8.8	-	7.3	7.3	14.4	-	-	12.6	-	-	-	-	-
280	-	-	11.8	-	11.0	8.8	-	7.3	7.3	13.8	-	-	12.2	-	-	-	-	-
288	-	-	-	-	-	8.8	-	7.3	7.2	-	-	-	11.8	-	-	-	-	-
296	-	-	-	-	-	8.8	-	7.3	7.0	-	-	-	11.4	-	-	-	-	-
304	-	-	-	-	-	8.8	-	7.3	6.9	-	-	-	11.0	-	-	-	-	-
312	-	-	-	-	-	-	-	-	6.8	-	-	-	-	-	-	-	-	-
320	-	-	-	-	-	-	-	-	6.6	-	-	-	-	-	-	-	-	-



Max. capacities with minimum counterweight · Further counterweight configurations on request!

- 176,400 lb
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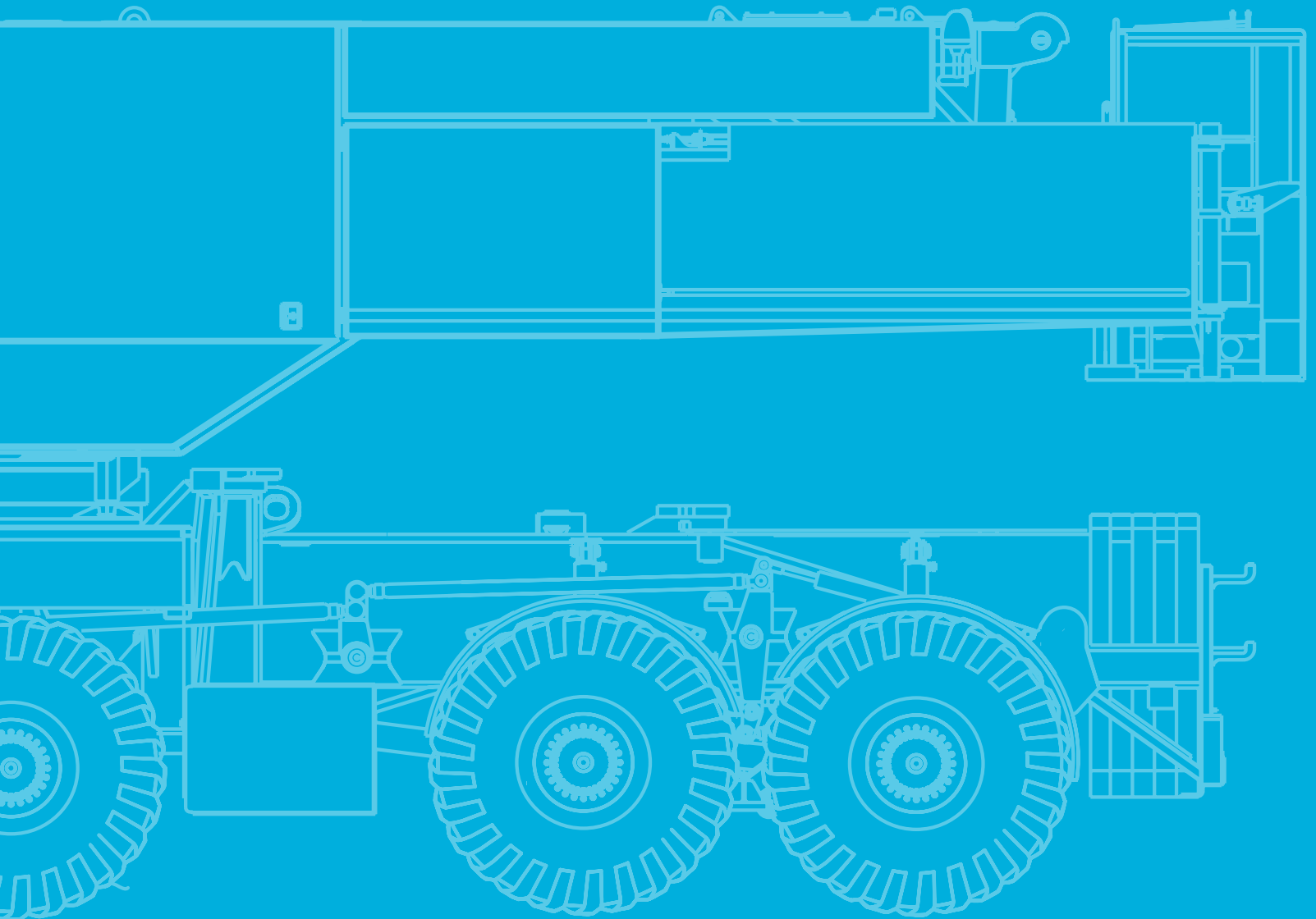
Notes to Lifting Capacity

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 460-4	Mercedes-Benz OM473LA; Output 460 kW / 1700 1/min (625 HP), torque 2900 Nm / 1300 1/min, certifications in accordance with EU Stage IV / Tier 4F. Fuel tank 217 gallons Diesel (no RME / biodiesel); 25 gallons tank for AdBlue.
Transmission ZF TC-Tronic	Automated gearbox with integrated torque converter and hydraulic retarder, 12 forward speeds and 2 reverse; Selectable longitudinal lock included in transfer case.
Axles 18 x 8 x 16	9 axles, axles 3, 4, 8, 9 driven equipped with selectable transverse lock, axles 1-5 and 7-9 steered, axle 6 liftable.
Suspension	Hydropneumatic suspension with axle load compensation; Hydraulically lockable; Manual or automatic levelling alternatively.
Steering	Dual-circuit semiblock mechanical steering with hydraulic booster.
Brakes	In conformity with EC-directives. Sustained action brake: constant decompression valve, exhaust brake, hydraulic retarder integrated into gearbox.
Tires	Tires size 385/95R25 (14.00R25); Steel rims 9,5-25/1,7".
Cab 2880	Type 9.45 ft; Adjustable driver seat with seat heating, armrests and pneumatic suspension; Steering wheel height and tilt adjustable; Co-driver's seat; Power door windows; Tinted glass; Radio-preparation; Heating engine-dependent; Aircondition.
Drive lights	With low beam, upper beam.
Central lubrication	Automatic central lubrication system for the lubricating points at the carrier.
Outriggers	X-4-Point design; 4 outriggers telescopic; Vertical and horizontal movement fully hydraulic; Manual or automatic levelling alternatively; 2 outrigger bases. 4 outrigger pads with transport position at outrigger beam.
Outrigger quick connection	Hydraulic bolt extractors and hydraulic and electric quick couplings for fast (dis-) assembly.
Outrigger load indicator	Displayed in LMI crane cab.
Outrigger basis monitoring	Individual monitoring of horizontal stroke; Deviation warning in crane cab.
Cruise control	Automatic speed control including automatic brake control.
Electronic immobiliser system	Prevents uncontrolled carrier mobilisation; Incl. 2 electronic keys and 4 ignition keys.

Equipment superstructure

Engine 210-4	Mercedes-Benz OM936LA; Output 210 kW / 2200 1/min (286 HP), torque 1150 Nm / 1200 1/min, certifications in accordance with EU Stage IV / Tier 4F. Fuel tank 79 gallons Diesel (no RME / biodiesel); 11 gallons tank for AdBlue.
Telescopic boom HA60	50.9 ft - 196.9 ft; Single cylinder telescoping system, automatic telescoping; Attachments for all equipment and extensions; 9 sheaves integrated in boom head for max. capacity of 495,000 lb.
Boom luffing	Two differential cylinders with pilot-controlled lowering brake valves.
Rotary drive	Axial piston motor with planetary gearing, foot-operated brake, and spring-applied holding brake.
H1	Axial piston variable displacement motor, hoist drum with integrated planetary gear reducer, and brake.
Counterweight system 44,100 lb	44,100 lb (base frame); Self rigging with semiautomatic rigging system, rigging storage on carrier front; Expandable to max. 352,700 lb; Incl. tightening device.
Control system	Enabling 4 simultaneous working movements; Electric pilot controls via 2 two-axis joysticks; Different control modes selectable for hydraulic circuits.
Operator aids	IC-1, with integrated electronic load moment indicator in accordance with EN13000; Color display; Displaying of current operating conditions, load charts, fault indicator; Signal lights indicating LMI-load; Crane data logger.
Working range limiter	Displaying and programmability of the work range limits by IC-1.
IC-1 Plus	Smart crane control system for main boom operation enabling higher lifting capacities especially over outriggers. Enables safe use of the full capacity of the crane even in asymmetric outrigger configurations. Outriggers can be positioned independently. Capacity precalculation for +/- 30° slewing angle and radius area. In-cab lift simulation.
Cab 088	Type 2.87 ft; Tilt infinitely variable 20°; Seat heating; Sliding window in door and rear; Fold-out front window; Extendable side pedestal, foldable front pedestal; Handrails; Tinted safety glass; Pull-down sun visor and light curtains; Radio-preparation; Heating engine-independent; Aircondition.
Central lubrication	Automatic central lubrication system for the lubricating points at the superstructure.

Technical Description

Additional equipment

Carrier

Engine 480-3	Mercedes-Benz OM502LA; Output 480 kW / 1800 1/min (653 HP), torque 2800 Nm / 1200 1/min, certifications in accordance with EU Stage III A / Tier 3. Fuel tank 174 gallons Diesel (no RME / biodiesel).
Self-assembly outriggers	2 x assembly outrigger; Road able in driving conditions with 26,500 lb axle load; Enabling self-rigging of the 4 main outriggers without assist crane.
32.8 ft x 32.8 ft outrigger base	Additional outrigger base of 32.8 ft x 32.8 ft for increased versatility. Crane can work on same outrigger base like 600 USt all terrain cranes.

Superstructure

Engine 205-3	Mercedes-Benz OM906LA; Output 205 kW / 2200 1/min (279 HP), torque 1100 Nm / 1200 1/min, certifications in accordance with EU Stage III A / Tier 3. Fuel tank 79 gallons Diesel (no RME / biodiesel).
Heavy lift attachment	4 additional sheaves; For total 13 sheaves on boom head. Max. capacity of 688,000 lb.
SSL	Sideways Superlift; Capacity increasing boom guy support.
2. hoist (H2)	Spring-loaded multi-disc brake; Resolver (hoist rotation indicator); Incl. quick couplings; Required for luffing jib operation (WIHI); Incl. rope twist prevention.
Counterweights AC-GG10 140	308,700 lb = 14 AC-GG à 22,050 lb (AC 350, AC 500-1, AC 500-2, AC 500-8, AC 650, AC 700, AC 1000, AC 1000-9).

Handling

Fall-from-height protection system boom base section	Rail system as fall-from-height protection at the main boom base section.
Fall-from-height protection system boom base section + SSL	Rail system as fall-from-height protection at the main boom base section and SSL.
Fall-from-height protection system WIHI	Rail system as fall-from-height protection for the lattice parts WIHI-A 315.0 ft.

Extensions

WIHI-A 315.0 ft	Luffing jib; Complete building set; With increments 19.7 ft; With integrated manual offset section 20°/40°; 5-sheave and 3-sheave head; Enables configuration WIHI 78.7 ft - 315.0 ft, LF 65.6 ft - 164.0 ft and HAV 19.7 ft - 118.1 ft; Only together with H2.
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Hook Blocks

Hook block 705,600 lb, 13-sheaves	Max. capacity 688,000 lb; 8,800 lb; Double hook, white with red signal stripes.
Hook block 705,600 lb, 11-sheaves	Max. capacity 688,000 lb; 7,700 lb; Double hook, white with red signal stripes.
Hook block 551,200 lb, 9-sheaves	Max. capacity 520,000 lb; 6,200 lb; Double hook, white with red signal stripes.
Hook block 441,000 lb, 7-sheaves	Max. capacity 418,500 lb; 5,700 lb; Double hook, white with red signal stripes.
Hook block 352,700 lb, 5-sheaves	Max. capacity 313,100 lb; 4,900 lb; Double hook, white with red signal stripes.
Hook block 220,500 lb, 3-sheaves	Max. capacity 203,300 lb; 4,000 lb; Double hook, white with red signal stripes.
Hook block 88,200 lb, 1-sheave	Max. capacity 88,860 lb; 2,700 lb; Double hook, white with red signal stripes.
Hook 33,100 lb	Max. capacity 30,000 lb; 2,000 lb; 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.

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

Tadano Europe Holdings GmbH

Dinglerstraße 24, 66482 Zweibrücken, Germany
Phone +49 6332 830

Tadano America Corporation

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



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