

206,800 lb		28.5 ft x 27.8 ft														360°		85%	
0°		(ft)																	
ft		47.6	47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft		
		1,000 lb																	
10	700.0*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
10	330.7	330.7	330.7	317.5	(-)	-	-	-	-	-	-	-	-	-	-	-	10		
12	330.7	330.7	330.7	317.5	283.3	-	-	-	-	-	-	-	-	-	-	-	12		
14	330.7	330.7	330.7	317.5	283.3	(-)	-	-	-	-	-	-	-	-	-	-	14		
16	330.7	323.2	324.9	313.3	283.3	(-)	(-)	(-)	-	-	-	-	-	-	-	-	16		
18	315.2	302.6	304.8	298.0	276.3	234.8	(-)	(-)	-	-	-	-	-	-	-	-	18		
20	295.6	280.3	282.5	280.4	266.8	232.6	184.7	(-)	(-)	-	-	-	-	-	-	-	20		
24	256.6	244.8	246.6	245.9	239.3	221.4	183.4	144.2	(-)	(-)	-	-	-	-	-	-	24		
28	223.9	217.0	218.7	218.6	212.5	206.7	180.6	141.7	114.9	(-)	(-)	(-)	-	-	-	-	28		
32	194.1	192.8	196.0	195.9	191.1	185.8	176.5	139.2	109.7	(-)	(-)	(-)	(-)	-	-	-	32		
36	155.9	155.9	177.7	177.7	173.8	170.3	165.4	136.4	103.0	90.4	(-)	(-)	(-)	(-)	(-)	(-)	36		
40	-	-	160.6	160.8	157.7	157.0	152.6	133.4	96.2	86.6	73.7	(-)	(-)	(-)	(-)	(-)	40		
48	-	-	126.9	132.4	131.0	132.6	129.3	124.3	84.0	77.2	68.4	60.2	(-)	(-)	(-)	(-)	48		
56	-	-	-	110.0	112.0	110.8	109.9	110.5	73.8	68.1	61.6	56.4	49.3	42.5	(-)	(-)	56		
64	-	-	-	91.7	94.9	93.4	95.8	94.0	67.9	60.2	55.1	51.4	46.5	41.9	33.1	33.1	64		
72	-	-	-	56.1	81.6	81.8	82.5	80.5	62.5	53.7	49.1	46.4	42.9	40.0	33.1	33.1	72		
80	-	-	-	-	68.7	73.6	72.2	70.0	58.0	48.2	44.2	41.9	39.1	37.5	31.9	31.9	80		
88	-	-	-	-	-	65.1	63.5	61.4	54.2	43.5	39.9	37.8	35.6	34.5	30.1	30.1	88		
96	-	-	-	-	-	54.8	56.4	54.3	51.2	39.5	36.1	34.4	32.4	31.7	28.1	28.1	96		
104	-	-	-	-	-	31.6	50.3	47.9	48.2	36.5	33.4	31.5	29.6	29.0	26.1	26.1	104		
112	-	-	-	-	-	-	43.1	42.5	44.5	34.3	31.2	29.0	27.2	26.5	23.9	23.9	112		
120	-	-	-	-	-	-	22.7	40.4	39.8	32.2	29.3	26.9	24.9	24.2	22.0	22.0	120		
128	-	-	-	-	-	-	-	35.7	35.7	30.5	27.5	25.1	23.0	22.1	20.2	20.2	128		
136	-	-	-	-	-	-	-	17.4	32.1	29.0	25.9	23.5	21.3	20.3	18.3	18.3	136		
144	-	-	-	-	-	-	-	16.6	27.8	27.6	24.5	21.9	19.9	18.6	16.6	16.6	144		
152	-	-	-	-	-	-	-	-	17.3	26.6	23.2	20.5	18.3	17.0	15.3	15.3	152		
160	-	-	-	-	-	-	-	-	-	23.1	21.9	19.3	17.1	15.7	13.9	13.9	160		
168	-	-	-	-	-	-	-	-	-	13.0	20.6	18.2	15.9	14.5	12.7	12.7	168		
176	-	-	-	-	-	-	-	-	-	12.2	19.0	17.1	14.7	13.4	11.6	11.6	176		
184	-	-	-	-	-	-	-	-	-	-	12.7	16.2	13.7	12.3	10.5	10.5	184		
192	-	-	-	-	-	-	-	-	-	-	-	9.7	12.8	11.3	9.5	9.5	192		
200	-	-	-	-	-	-	-	-	-	-	-	8.9	12.0	10.3	8.7	8.7	200		
208	-	-	-	-	-	-	-	-	-	-	-	7.8	9.4	9.4	7.8	7.8	208		
216	-	-	-	-	-	-	-	-	-	-	-	6.3	5.3	8.6	6.9	6.9	216		
224	-	-	-	-	-	-	-	-	-	-	-	-	-	7.2	6.2	6.2	224		
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	5.6	232		
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	5.0	240		

* Capacity class
 (-) Possible with reduced load

158,300 lb		28.5 ft x 27.8 ft				360° / Max.*								85%	
ft	360° 47.6ft	Max. 47.6ft	360° 64.0ft	Max. 64.0ft	360° 80.1ft	Max. 80.1ft	360° 96.5ft	Max. 96.5ft	360° 112.5ft	Max. 112.5ft	360° 128.9ft	Max. 128.9ft	360° 145.0ft	Max. 145.0ft	ft
1,000 lb															
10	330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	10
12	330.7	341.7	330.7	336.2	317.5	317.5	283.3	286.3	-	-	-	-	-	-	12
14	330.7	341.7	330.7	336.2	317.5	317.5	283.3	285.5	(-)	(-)	-	-	-	-	14
16	319.9	325.9	320.7	326.0	313.3	313.3	283.3	283.8	(-)	(-)	(-)	(-)	(-)	(-)	16
18	298.1	302.5	299.3	304.7	296.4	298.0	276.3	276.3	234.8	236.5	(-)	(-)	(-)	(-)	18
20	276.0	280.3	277.1	282.5	277.1	280.4	266.8	266.8	232.6	232.6	184.7	184.7	(-)	(-)	20
24	241.1	244.8	242.6	246.6	242.6	245.9	239.3	239.3	221.4	221.4	183.4	183.4	144.2	144.2	24
28	213.2	216.0	215.3	217.7	215.3	217.6	212.5	212.5	206.7	206.7	180.6	180.6	141.7	141.7	28
32	189.0	189.2	191.0	191.2	191.0	191.2	189.4	189.4	185.8	185.8	176.5	176.5	139.2	139.2	32
36	153.8	153.7	168.9	169.9	169.0	169.9	167.7	168.5	166.8	167.6	163.1	164.0	136.4	136.4	36
40	-	-	148.3	150.6	148.5	150.6	149.7	150.0	149.4	151.1	147.2	149.3	133.3	133.4	40
48	-	-	120.2	122.5	121.5	122.4	121.4	124.0	119.8	122.7	121.7	122.6	120.4	121.6	48
56	-	-	-	-	100.7	103.7	100.1	103.0	101.7	102.7	101.2	104.0	98.8	101.9	56
64	-	-	-	-	83.4	88.0	83.6	87.3	85.7	89.5	83.7	88.2	81.0	86.2	64
72	-	-	-	-	56.1	56.1	72.4	75.2	71.5	77.4	69.7	75.9	67.1	73.9	72
80	-	-	-	-	-	-	62.1	67.2	61.0	68.0	59.2	66.4	56.8	64.6	80
88	-	-	-	-	-	-	-	-	52.9	60.3	51.0	58.7	50.9	56.6	88
96	-	-	-	-	-	-	-	-	46.2	53.2	44.4	51.9	46.3	49.7	96
104	-	-	-	-	-	-	-	-	31.6	31.6	41.3	45.9	40.8	44.9	104
112	-	-	-	-	-	-	-	-	-	-	37.9	40.6	36.1	42.1	112
120	-	-	-	-	-	-	-	-	-	-	22.7	22.7	32.2	38.4	120
128	-	-	-	-	-	-	-	-	-	-	-	-	28.9	34.0	128
136	-	-	-	-	-	-	-	-	-	-	-	-	17.4	17.4	136
144	-	-	-	-	-	-	-	-	-	-	-	-	16.6	16.6	144

ft	360° 161.4ft	Max. 161.4ft	360° 177.5ft	Max. 177.5ft	360° 193.9ft	Max. 193.9ft	360° 210.0ft	Max. 210.0ft	360° 226.4ft	Max. 226.4ft	360° 242.5ft	Max. 242.5ft	360° 262.5ft	Max. 262.5ft	ft
1,000 lb															
20	(-)	(-)	-	-	(-)	(-)	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	-	24
28	114.9	114.9	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	28
32	109.7	109.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	32
36	103.0	103.0	90.4	90.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	96.2	96.2	86.6	86.6	73.7	73.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	84.0	84.0	77.2	77.2	68.4	68.4	60.2	60.2	(-)	(-)	(-)	(-)	(-)	(-)	48
56	73.8	73.8	68.1	68.1	61.6	61.7	56.4	56.4	49.3	49.3	42.5	42.5	(-)	(-)	56
64	67.9	67.9	60.2	60.2	55.1	55.1	51.4	51.4	46.5	46.5	41.9	41.9	33.1	33.1	64
72	62.5	62.5	53.7	53.7	49.1	49.1	46.4	46.4	42.9	42.9	40.0	40.0	33.1	33.1	72
80	57.6	58.0	48.2	48.2	44.2	44.2	41.9	41.9	39.1	39.1	37.5	37.5	31.9	31.9	80
88	50.6	54.2	43.5	43.5	39.9	39.9	37.8	37.8	35.6	35.6	34.5	34.5	30.1	30.1	88
96	43.9	50.6	39.5	39.5	36.1	36.1	34.4	34.4	32.4	32.4	31.7	31.7	28.1	28.1	96
104	38.4	45.5	36.5	36.5	33.4	33.4	31.5	31.5	29.6	29.6	29.0	29.0	26.1	26.1	104
112	33.7	40.3	34.2	34.3	31.2	31.2	29.0	29.0	27.2	27.2	26.5	26.5	23.9	23.9	112
120	30.0	36.1	30.9	32.2	29.3	29.3	26.9	26.9	24.9	24.9	24.2	24.2	22.0	22.0	120
128	28.3	32.5	27.3	30.5	27.3	27.5	25.1	25.1	23.0	23.0	22.1	22.1	20.2	20.2	128
136	26.5	29.2	24.1	29.0	24.5	25.9	23.5	23.5	21.3	21.3	20.3	20.3	18.3	18.3	136
144	23.9	26.4	22.5	27.2	21.7	24.5	21.3	21.9	19.9	19.9	18.6	18.6	16.6	16.6	144
152	17.3	17.3	21.4	24.6	19.3	23.2	18.9	20.5	18.0	18.3	16.5	17.0	15.3	15.3	152
160	-	-	19.5	21.7	17.7	21.9	16.6	19.3	15.9	17.1	14.7	15.7	13.9	13.9	160
168	-	-	13.0	13.0	16.3	20.5	14.8	18.2	13.9	15.9	13.4	14.5	12.3	12.7	168
176	-	-	12.2	12.2	15.0	18.8	13.6	17.1	12.2	14.7	12.1	13.4	10.4	11.6	176
184	-	-	-	-	12.7	12.7	12.2	16.1	10.6	13.7	10.6	12.3	8.9	10.5	184
192	-	-	-	-	-	-	9.7	9.7	9.2	12.8	9.2	11.3	7.4	9.5	192
200	-	-	-	-	-	-	8.9	8.9	7.8	12.0	7.8	10.3	6.1	8.7	200
208	-	-	-	-	-	-	7.8	7.8	6.5	9.4	6.7	9.4	4.9	7.8	208
216	-	-	-	-	-	-	6.3	6.3	5.2	6.3	5.6	8.6	3.8	6.9	216
224	-	-	-	-	-	-	-	-	-	-	4.6	7.2	-	6.2	224
232	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	232
240	-	-	-	-	-	-	-	-	-	-	-	-	-	5.0	240

* Max. values are valid only for specific superstructure positions (-) Possible with reduced load

109,800 lb		28.5 ft x 27.8 ft				360° / Max.*								85%	
ft	360° 47.6ft	Max. 47.6ft	360° 64.0ft	Max. 64.0ft	360° 80.1ft	Max. 80.1ft	360° 96.5ft	Max. 96.5ft	360° 112.5ft	Max. 112.5ft	360° 128.9ft	Max. 128.9ft	360° 145.0ft	Max. 145.0ft	ft
10	330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	10
12	330.7	341.7	330.7	336.2	317.5	317.5	283.3	286.3	-	-	-	-	-	-	12
14	330.7	341.7	330.7	336.2	317.5	317.5	283.3	285.5	(-)	(-)	-	-	-	-	14
16	315.7	325.9	316.6	326.0	313.3	313.3	283.3	283.8	(-)	(-)	(-)	(-)	(-)	(-)	16
18	293.2	302.5	294.3	304.7	294.3	298.0	276.3	276.3	234.8	236.5	(-)	(-)	(-)	(-)	18
20	271.6	279.9	272.8	282.1	272.8	280.1	266.7	266.8	232.6	232.6	184.7	184.7	(-)	(-)	20
24	235.2	238.1	237.7	240.2	237.7	240.2	236.5	237.5	220.6	221.1	183.4	183.4	144.2	144.2	24
28	199.3	203.1	202.4	205.2	202.5	205.0	201.1	203.8	198.8	201.9	180.6	180.6	141.7	141.7	28
32	169.1	175.6	172.4	177.8	172.4	177.7	174.1	178.2	173.3	178.4	164.2	173.0	139.2	139.2	32
36	143.3	146.8	152.3	156.3	150.6	156.2	153.1	158.4	151.6	156.9	144.0	154.1	131.9	136.4	36
40	-	-	132.5	138.4	133.6	139.3	133.1	138.8	131.6	137.3	130.9	138.1	122.7	132.3	40
48	-	-	99.0	111.6	100.2	112.4	103.6	111.8	103.0	114.2	100.9	112.8	96.8	110.8	48
56	-	-	-	-	81.1	93.1	81.7	93.7	80.8	95.0	78.8	93.6	76.1	91.6	56
64	-	-	-	-	66.0	78.9	66.3	81.3	65.2	80.5	63.2	79.2	63.9	77.2	64
72	-	-	-	-	54.7	56.1	54.7	70.1	53.6	69.5	54.8	67.9	54.0	65.9	72
80	-	-	-	-	-	-	46.1	61.6	46.3	60.8	47.4	59.2	45.4	57.3	80
88	-	-	-	-	-	-	-	-	41.7	53.5	40.6	51.9	38.6	50.9	88
96	-	-	-	-	-	-	-	-	36.2	46.8	35.1	45.0	34.0	46.6	96
104	-	-	-	-	-	-	-	-	30.9	31.6	30.5	41.3	31.1	40.9	104
112	-	-	-	-	-	-	-	-	-	-	26.8	37.9	27.6	35.9	112
120	-	-	-	-	-	-	-	-	-	-	22.7	22.7	24.4	32.0	120
128	-	-	-	-	-	-	-	-	-	-	-	-	21.5	28.4	128
136	-	-	-	-	-	-	-	-	-	-	-	-	17.4	17.4	136
144	-	-	-	-	-	-	-	-	-	-	-	-	16.6	16.6	144

ft	360° 161.4ft	Max. 161.4ft	360° 177.5ft	Max. 177.5ft	360° 193.9ft	Max. 193.9ft	360° 210.0ft	Max. 210.0ft	360° 226.4ft	Max. 226.4ft	360° 242.5ft	Max. 242.5ft	360° 262.5ft	Max. 262.5ft	ft
20	(-)	(-)	-	-	(-)	(-)	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	-	24
28	114.9	114.9	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	28
32	109.7	109.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	32
36	103.0	103.0	90.4	90.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	96.2	96.2	86.6	86.6	73.7	73.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	84.0	84.0	77.2	77.2	68.4	68.4	60.2	60.2	(-)	(-)	(-)	(-)	(-)	(-)	48
56	73.8	73.8	68.1	68.1	61.6	61.7	56.4	56.4	49.3	49.3	42.5	42.5	(-)	(-)	56
64	63.0	67.9	58.7	60.2	55.1	55.1	51.4	51.4	46.5	46.5	41.9	41.9	33.1	33.1	64
72	51.4	62.5	49.5	53.7	48.4	49.1	46.4	46.4	42.9	42.9	40.0	40.0	33.1	33.1	72
80	43.6	57.8	44.1	48.2	42.2	44.2	40.8	41.9	38.9	39.1	37.5	37.5	31.9	31.9	80
88	38.8	51.5	37.5	43.5	37.8	39.9	36.8	37.8	34.9	35.6	34.1	34.5	30.1	30.1	88
96	34.2	44.5	33.7	39.5	32.5	36.1	32.0	34.4	31.0	32.4	29.5	31.7	28.1	28.1	96
104	29.6	38.6	29.9	36.5	29.3	33.4	27.9	31.5	26.4	29.6	26.1	29.0	24.6	26.1	104
112	26.8	33.7	26.0	34.2	25.4	31.2	24.1	29.0	22.3	27.2	22.5	26.5	20.5	23.9	112
120	24.2	30.0	23.2	30.6	21.9	29.3	20.7	26.9	19.1	24.9	19.1	24.2	17.3	22.0	120
128	21.4	28.3	20.5	27.0	19.2	27.1	18.1	25.1	16.1	23.0	16.3	22.1	14.3	20.2	128
136	18.9	26.2	18.0	24.0	16.6	24.3	15.5	23.5	13.5	21.3	13.8	20.3	11.8	18.3	136
144	16.9	23.5	15.9	22.5	14.4	21.5	13.3	21.1	11.3	19.9	11.6	18.6	9.6	16.6	144
152	15.0	17.3	13.9	21.3	12.5	19.1	11.2	18.7	9.4	17.8	9.5	16.4	7.7	15.3	152
160	-	-	12.3	19.2	10.7	17.7	9.6	16.5	7.6	15.7	7.9	14.7	6.1	13.9	160
168	-	-	10.8	10.8	9.3	16.2	8.1	14.7	6.2	13.9	6.3	13.4	4.6	12.3	168
176	-	-	9.5	9.5	7.9	14.8	6.6	13.6	4.8	12.2	4.8	12.1	3.1	10.4	176
184	-	-	-	-	6.7	6.7	5.4	12.7	3.6	10.6	3.6	10.6	-	8.9	184
192	-	-	-	-	-	-	4.2	4.2	-	9.7	-	9.2	-	7.5	192
200	-	-	-	-	-	-	3.3	3.3	-	8.9	-	7.8	-	6.2	200
208	-	-	-	-	-	-	-	-	-	7.8	-	6.7	-	5.1	208
216	-	-	-	-	-	-	-	-	-	6.3	-	5.6	-	4.0	216
224	-	-	-	-	-	-	-	-	-	-	-	4.8	-	3.1	224

* Max. values are valid only for specific superstructure positions
 (-) Possible with reduced load

42,300 lb		28.5 ft x 27.8 ft						360° / Max.*						85%		
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft		47.6ft	47.6ft	64.0ft	64.0ft	80.1ft	80.1ft	96.5ft	96.5ft	112.5ft	112.5ft	128.9ft	128.9ft	145.0ft	145.0ft	ft
ft		1,000 lb														ft
10	330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	-	10
12	330.7	341.7	330.7	336.2	317.5	317.5	283.3	286.3	-	-	-	-	-	-	-	12
14	327.8	341.7	328.3	336.2	317.5	317.5	283.3	285.5	(-)	(-)	-	-	-	-	-	14
16	309.4	319.6	310.5	319.8	308.3	313.3	283.3	283.8	229.6	(-)	(-)	(-)	(-)	(-)	(-)	16
18	278.5	287.5	280.7	289.9	279.1	288.5	255.4	273.0	224.8	236.5	(-)	(-)	(-)	(-)	(-)	18
20	247.3	257.5	250.5	260.0	246.3	260.0	230.3	257.4	209.1	232.3	182.1	184.7	(-)	(-)	(-)	20
24	197.1	212.4	202.6	215.0	193.1	210.7	178.3	211.6	167.0	208.3	157.0	181.3	138.8	144.2	24	
28	151.5	176.7	158.6	180.4	153.2	181.1	145.4	179.4	138.3	171.2	127.0	161.9	116.8	141.1	28	
32	114.5	150.2	121.8	154.1	125.1	155.1	121.9	154.6	114.0	147.3	105.2	139.2	99.3	123.6	32	
36	91.5	131.2	98.2	135.0	104.4	136.1	102.2	132.4	97.2	128.2	91.6	116.9	87.5	104.4	36	
40	-	-	80.7	117.8	83.9	118.8	84.4	118.0	82.3	108.8	81.4	98.8	76.1	91.6	40	
48	-	-	57.4	89.9	60.2	92.3	60.6	90.3	63.6	83.6	62.5	76.2	60.4	75.2	48	
56	-	-	-	-	46.1	70.7	48.6	70.5	48.4	66.5	48.4	64.8	48.4	60.8	56	
64	-	-	-	-	36.7	54.8	38.1	55.0	38.5	55.0	39.0	54.8	38.8	50.4	64	
72	-	-	-	-	29.0	44.1	30.4	44.6	31.4	46.5	31.5	45.4	31.3	44.0	72	
80	-	-	-	-	-	-	24.6	38.7	25.7	38.5	25.7	37.6	25.5	38.7	80	
88	-	-	-	-	-	-	-	-	21.1	32.7	21.0	32.9	20.9	32.7	88	
96	-	-	-	-	-	-	-	-	17.5	28.1	17.3	28.9	17.2	28.3	96	
104	-	-	-	-	-	-	-	-	14.5	25.2	14.3	25.4	14.0	24.9	104	
112	-	-	-	-	-	-	-	-	-	-	11.6	22.1	11.3	21.7	112	
120	-	-	-	-	-	-	-	-	-	-	9.5	19.5	9.3	19.2	120	
128	-	-	-	-	-	-	-	-	-	-	-	-	7.5	16.7	128	
136	-	-	-	-	-	-	-	-	-	-	-	-	5.9	14.6	136	
144	-	-	-	-	-	-	-	-	-	-	-	-	4.7	12.9	144	

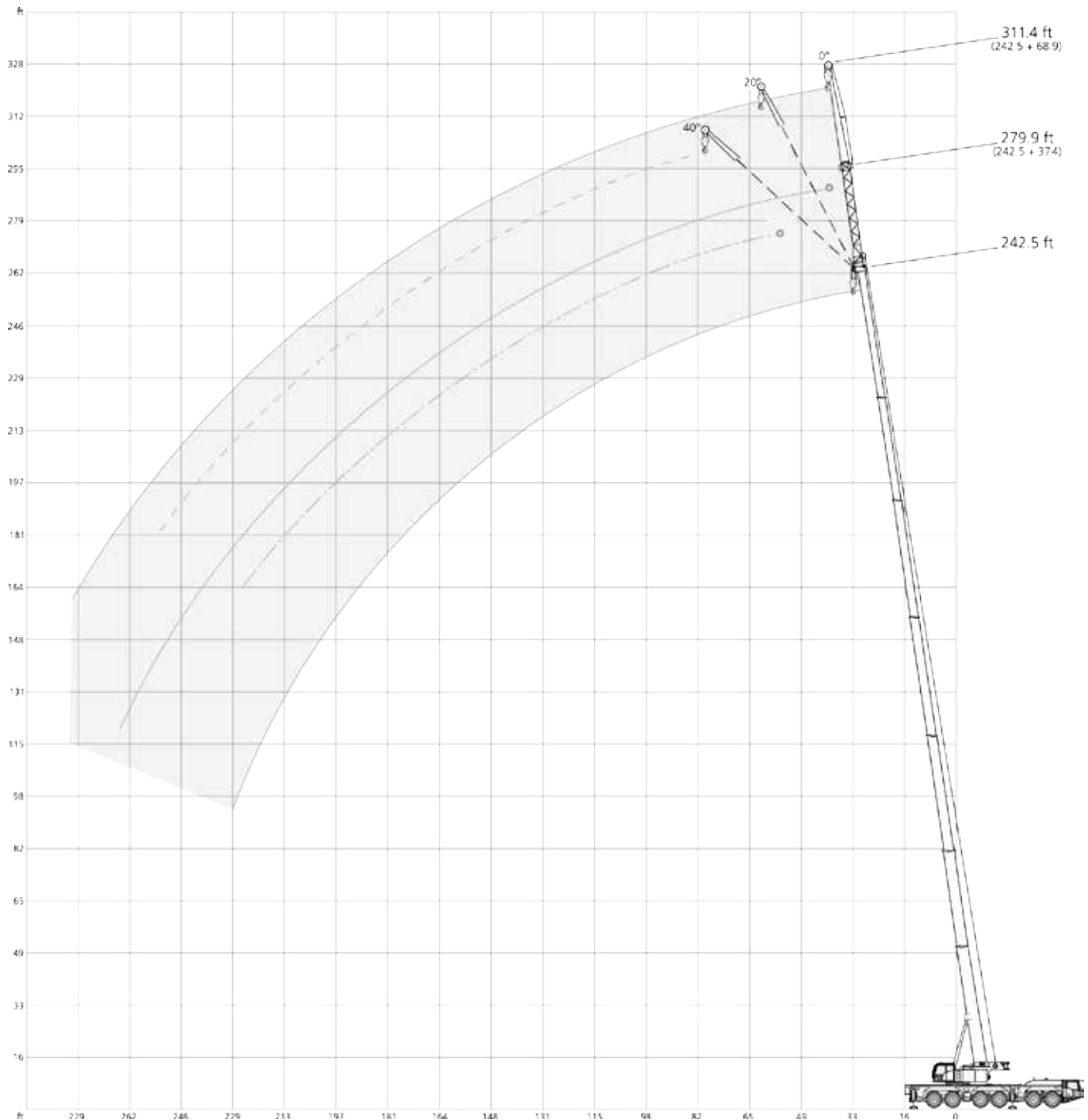
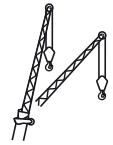
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft		161.4ft	161.4ft	177.5ft	177.5ft	193.9ft	193.9ft	210.0ft	210.0ft	226.4ft	226.4ft	242.5ft	242.5ft	262.5ft	262.5ft	ft
ft		1,000 lb														ft
20	(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	20
24	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	24
28	106.8	114.9	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	28
32	94.2	107.8	83.5	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	32
36	82.0	95.3	76.8	85.4	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	36
40	72.0	87.0	69.0	77.9	66.0	71.7	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	(-)	40
48	57.8	69.2	57.3	65.3	53.5	61.7	49.9	57.3	(-)	(-)	(-)	(-)	(-)	(-)	(-)	48
56	48.0	56.6	45.7	55.0	42.3	53.3	39.3	50.8	35.7	46.5	34.7	41.5	(-)	(-)	56	
64	38.1	49.5	36.7	47.8	33.9	45.8	31.5	42.8	28.1	40.8	27.4	37.6	24.0	33.1	64	
72	30.4	42.0	29.3	41.8	27.5	38.7	25.3	38.0	22.2	35.2	21.5	31.9	18.2	28.6	72	
80	24.5	37.0	23.4	36.1	21.7	33.4	19.8	32.5	17.1	29.9	16.5	27.1	13.2	23.8	80	
88	19.8	32.4	18.7	31.3	17.2	30.0	15.5	28.0	12.9	25.6	12.4	23.0	9.3	20.0	88	
96	16.1	27.8	14.9	27.2	13.4	26.6	11.9	24.2	9.6	22.0	9.1	19.5	6.2	16.6	96	
104	12.9	24.3	11.8	23.4	10.3	23.3	8.9	21.1	6.7	18.9	6.3	16.5	3.6	13.8	104	
112	10.5	21.0	9.4	19.9	7.8	20.1	6.5	18.2	4.5	16.2	4.1	13.8	-	11.1	112	
120	8.3	18.2	7.3	17.2	5.7	17.2	4.4	15.7	-	14.0	-	11.6	-	9.0	120	
128	6.4	15.7	5.4	14.8	4.0	14.8	-	13.4	-	12.0	-	9.6	-	7.2	128	
136	4.9	13.7	3.8	12.6	-	12.8	-	11.3	-	10.1	-	7.9	-	5.4	136	
144	3.6	11.8	2.5	10.9	-	10.9	-	9.6	-	8.4	-	6.2	-	3.8	144	
152	-	10.2	-	9.3	-	9.3	-	7.9	-	6.8	-	4.9	-	-	152	
160	-	-	-	7.8	-	8.0	-	6.5	-	5.3	-	3.5	-	-	160	
168	-	-	-	-	-	6.7	-	5.4	-	4.1	-	-	-	-	168	
176	-	-	-	-	-	5.7	-	4.1	-	3.0	-	-	-	-	176	
184	-	-	-	-	-	-	-	3.2	-	-	-	-	-	-	184	

* Max. values are valid only for specific superstructure positions
 (-) Possible with reduced load

0 lb		28.5 ft x 27.8 ft												360° / Max.*		85%	
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		47.6ft	47.6ft	64.0ft	64.0ft	80.1ft	80.1ft	96.5ft	96.5ft	112.5ft	112.5ft	128.9ft	128.9ft	145.0ft	145.0ft	ft	
ft		1,000 lb														ft	
10		330.7	341.7	330.7	336.2	317.5	317.5	(-)	(-)	-	-	-	-	-	-	-	10
12		330.7	341.7	330.7	336.2	317.5	317.5	282.9	286.3	-	-	-	-	-	-	-	12
14		320.7	332.2	322.5	330.5	292.7	317.5	261.5	285.5	(-)	(-)	-	-	-	-	-	14
16		283.7	300.3	271.2	302.7	241.8	300.5	214.7	280.8	173.7	229.6	(-)	(-)	(-)	(-)	(-)	16
18		238.5	267.0	224.3	261.2	200.9	258.0	178.0	247.5	165.5	224.3	(-)	(-)	(-)	(-)	(-)	18
20		194.8	231.8	180.5	232.6	163.4	229.6	153.6	219.5	138.0	202.7	126.7	171.6	(-)	(-)	(-)	20
24		128.6	188.3	128.9	192.3	123.6	186.1	113.9	163.8	105.7	149.1	99.4	128.6	91.1	116.2	24	
28		84.8	158.2	96.2	155.1	93.7	139.0	87.7	130.3	85.0	115.6	79.8	105.8	75.5	99.1	28	
32		57.4	128.0	69.3	119.0	72.7	114.0	72.0	104.2	68.6	95.1	65.0	91.2	61.0	84.1	32	
36		41.8	98.4	52.6	97.7	58.9	95.3	58.9	88.5	57.7	83.0	54.3	79.4	51.2	73.9	36	
40		-	-	39.0	81.0	45.4	80.0	47.4	74.8	47.5	73.8	45.0	68.4	42.7	65.8	40	
48		-	-	23.9	55.7	29.9	58.5	31.7	59.7	33.2	57.1	32.6	55.3	31.2	52.4	48	
56		-	-	-	-	20.2	45.0	21.8	46.6	23.4	45.3	23.1	44.3	22.8	41.6	56	
64		-	-	-	-	13.5	35.1	15.1	36.4	16.5	37.1	16.4	35.7	16.4	33.7	64	
72		-	-	-	-	8.9	27.9	10.2	29.0	11.6	30.1	11.6	29.5	11.4	27.7	72	
80		-	-	-	-	-	-	6.9	23.5	8.1	24.6	7.9	24.4	7.9	23.0	80	
88		-	-	-	-	-	-	-	-	5.4	20.0	5.2	19.9	5.1	19.2	88	
96		-	-	-	-	-	-	-	-	3.2	16.4	3.1	16.2	2.9	16.0	96	
104		-	-	-	-	-	-	-	-	-	13.4	-	13.2	-	12.9	104	
112		-	-	-	-	-	-	-	-	-	-	-	10.7	-	10.5	112	
120		-	-	-	-	-	-	-	-	-	-	-	8.7	-	8.4	120	
128		-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	128	
136		-	-	-	-	-	-	-	-	-	-	-	-	-	5.2	136	
144		-	-	-	-	-	-	-	-	-	-	-	-	-	4.0	144	

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
ft		161.4ft	161.4ft	177.5ft	177.5ft	193.9ft	193.9ft	210.0ft	210.0ft	226.4ft	226.4ft	242.5ft	242.5ft	262.5ft	262.5ft	ft	
ft		1,000 lb														ft	
20		(-)	(-)	-	-	-	-	-	-	-	-	-	-	-	-	-	20
24		(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	-	-	24
28		65.9	88.8	(-)	(-)	(-)	(-)	(-)	(-)	-	-	-	-	-	-	-	28
32		56.1	79.3	46.4	71.0	(-)	(-)	(-)	(-)	-	(-)	-	(-)	-	(-)	-	32
36		47.1	69.3	42.2	65.4	(-)	(-)	(-)	(-)	-	(-)	-	(-)	-	(-)	-	36
40		39.2	62.1	36.2	57.5	32.3	55.0	(-)	(-)	-	(-)	-	(-)	-	(-)	-	40
48		28.5	48.1	26.2	44.5	22.9	42.9	20.0	38.7	-	(-)	-	(-)	-	(-)	-	48
56		20.6	38.1	18.6	35.4	15.6	34.2	12.7	30.7	-	27.6	-	24.3	-	(-)	-	56
64		14.4	30.7	12.6	28.4	9.9	27.5	7.3	24.5	-	22.0	-	19.1	-	15.7	64	
72		10.0	25.0	8.2	23.0	5.6	22.4	3.4	19.7	-	17.5	-	14.6	-	11.8	72	
80		6.6	20.6	5.1	18.9	-	18.4	-	16.0	-	13.9	-	11.2	-	8.6	80	
88		4.0	17.2	-	15.5	-	15.1	-	12.9	-	11.0	-	8.4	-	5.8	88	
96		-	14.3	-	12.7	-	12.4	-	10.2	-	8.4	-	6.0	-	3.4	96	
104		-	11.8	-	10.2	-	10.2	-	8.0	-	6.2	-	3.8	-	-	104	
112		-	9.6	-	8.3	-	8.1	-	6.1	-	4.3	-	-	-	-	112	
120		-	7.5	-	6.4	-	6.2	-	4.3	-	-	-	-	-	-	120	
128		-	5.7	-	4.6	-	4.6	-	2.9	-	-	-	-	-	-	128	
136		-	4.3	-	3.2	-	3.2	-	-	-	-	-	-	-	-	136	
144		-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	144	

* Max. values are valid only for specific superstructure positions
 (-) Possible with reduced load



206,800 lb				28.5 ft x 27.8 ft				360°			85%								
47.6 ft										145.0 ft									
37.4 ft										37.4 ft									
68.9 ft										68.9 ft									
0° 20° 40°										0° 20° 40°									
1,000 lb										1,000 lb									
ft	0°	20°	40°	0°	20°	40°	0°	20°	40°	ft	0°	20°	40°	0°	20°	40°	0°	20°	40°
10	47.4	-	-	-	-	-	-	-	-	28	47.4	-	-	19.9	-	-	-	-	-
12	47.4	-	-	24.0	-	-	-	-	-	32	47.4	-	-	19.7	-	-	-	-	-
14	47.4	-	-	23.7	-	-	-	-	-	36	47.4	-	-	19.3	-	-	-	-	-
16	47.4	-	-	23.3	-	-	-	-	-	40	47.4	32.5	-	18.9	-	-	-	-	-
18	47.4	-	-	22.9	-	-	-	-	-	48	46.6	30.4	22.5	18.2	-	-	-	-	-
20	47.4	37.5	-	22.6	-	-	-	-	-	56	43.0	28.5	21.7	17.5	13.5	-	-	-	-
24	47.4	34.5	-	21.9	-	-	-	-	-	64	39.3	26.8	20.9	16.9	12.9	-	-	-	-
28	45.6	31.8	-	21.3	-	-	-	-	-	72	36.0	25.4	20.3	16.3	12.1	-	-	-	-
32	41.1	29.7	23.4	20.3	-	-	-	-	-	80	33.1	24.1	19.8	15.6	11.6	9.2	-	-	-
36	37.2	27.8	22.4	19.3	-	-	-	-	-	88	30.6	23.0	19.3	15.0	11.1	8.9	-	-	-
40	33.8	26.0	21.5	18.3	14.2	-	-	-	-	96	28.6	22.1	18.9	14.2	10.5	8.7	-	-	-
48	29.0	23.4	20.2	16.0	12.9	-	-	-	-	104	26.9	21.3	18.6	13.3	10.2	8.6	-	-	-
56	25.4	21.2	19.0	14.3	11.7	-	-	-	-	112	25.3	20.5	18.3	12.5	9.7	8.4	-	-	-
64	22.2	19.7	-	12.7	10.7	9.4	-	-	-	120	23.9	19.7	18.1	11.9	9.4	8.2	-	-	-
72	19.9	18.5	-	11.5	9.9	8.8	-	-	-	128	22.7	19.2	18.0	11.2	9.1	8.0	-	-	-
80	-	-	-	10.5	9.4	8.5	-	-	-	136	21.6	18.6	14.6	10.7	8.9	7.9	-	-	-
88	-	-	-	9.6	8.7	8.2	-	-	-	144	20.6	18.3	-	10.4	8.6	7.9	-	-	-
96	-	-	-	9.0	8.5	-	-	-	-	152	19.7	18.1	-	9.9	8.4	7.9	-	-	-
104	-	-	-	8.4	-	-	-	-	-	160	19.0	11.7	-	9.5	8.3	7.9	-	-	-
										168	10.9	-	-	9.1	8.1	-	-	-	-
										176	10.2	-	-	8.9	8.0	-	-	-	-
										184	-	-	-	8.6	7.9	-	-	-	-
										192	-	-	-	8.3	-	-	-	-	-
										200	-	-	-	8.2	-	-	-	-	-

242.5 ft									
37.4 ft									
68.9 ft									
0° 20° 40°									
1,000 lb									
ft	0°	20°	40°	0°	20°	40°	0°	20°	40°
64	24.5	-	-	12.6	-	-	-	-	-
72	24.5	-	-	12.4	-	-	-	-	-
80	24.5	23.1	-	12.3	-	-	-	-	-
88	24.5	22.4	19.0	12.0	-	-	-	-	-
96	24.5	21.8	18.6	11.9	10.9	-	-	-	-
104	24.5	21.2	18.3	11.7	10.6	-	-	-	-
112	23.7	20.5	18.1	11.5	10.3	8.4	-	-	-
120	22.1	20.2	17.8	11.4	9.9	8.2	-	-	-
128	20.5	19.6	17.5	11.1	9.6	8.0	-	-	-
136	18.9	19.1	17.3	11.0	9.5	7.9	-	-	-
144	17.3	17.7	16.6	10.8	9.3	7.9	-	-	-
152	15.9	16.4	15.8	10.5	9.0	7.7	-	-	-
160	14.6	15.0	15.0	10.4	8.7	7.7	-	-	-
168	13.4	13.8	14.0	10.2	8.5	7.7	-	-	-
176	12.3	12.7	12.9	10.0	8.4	7.7	-	-	-
184	11.2	11.6	11.9	9.6	8.3	7.6	-	-	-
192	10.2	10.6	10.8	9.1	8.1	7.5	-	-	-
200	9.4	9.7	9.9	8.6	7.8	7.5	-	-	-
208	8.6	8.8	8.9	8.1	7.6	7.5	-	-	-
216	7.8	8.0	8.0	7.5	7.5	7.5	-	-	-
224	7.1	7.2	-	6.9	7.2	7.4	-	-	-
232	6.4	6.4	-	6.2	6.9	7.0	-	-	-
240	5.7	5.7	-	5.7	6.2	6.2	-	-	-
248	5.1	5.1	-	5.2	5.5	-	-	-	-
256	-	-	-	4.6	4.8	-	-	-	-
264	-	-	-	4.1	4.3	-	-	-	-
272	-	-	-	3.5	3.7	-	-	-	-
280	-	-	-	3.0	3.0	-	-	-	-

262.5 ft									
37.4 ft									
68.9 ft									
0° 20° 40°*									
1,000 lb									
ft	0°	20°	40°*	0°*	20°*	40°*	0°*	20°*	40°*
72	19.2	-	-	11.2	-	-	-	-	-
80	19.2	-	-	11.2	-	-	-	-	-
88	19.2	19.2	-	11.0	-	-	-	-	-
96	19.2	19.2	18.2	10.9	-	-	-	-	-
104	19.2	19.2	17.9	10.8	10.4	-	-	-	-
112	19.2	19.2	17.6	10.6	10.1	8.4	-	-	-
120	18.9	19.1	17.4	10.5	9.9	8.2	-	-	-
128	17.9	18.2	17.2	10.4	9.6	8.0	-	-	-
136	16.6	17.0	16.7	10.2	9.3	7.9	-	-	-
144	15.5	15.7	15.9	10.1	9.3	7.9	-	-	-
152	14.1	14.6	14.8	9.9	9.0	7.7	-	-	-
160	12.9	13.5	13.9	9.8	8.7	7.7	-	-	-
168	11.7	12.3	12.9	9.6	8.5	7.6	-	-	-
176	10.5	11.2	11.8	9.3	8.4	7.5	-	-	-
184	9.6	10.1	10.9	9.0	8.3	7.5	-	-	-
192	8.6	9.1	10.0	8.7	8.1	7.5	-	-	-
200	7.8	8.3	9.2	8.2	8.0	7.5	-	-	-
208	7.0	7.5	8.4	7.6	7.6	7.3	-	-	-
216	6.2	6.7	7.5	7.1	7.1	7.1	-	-	-
224	5.5	5.9	6.7	6.4	6.6	6.7	-	-	-
232	4.9	5.1	-	5.8	6.0	6.2	-	-	-
240	4.2	4.4	-	5.1	5.5	5.7	-	-	-
248	3.6	3.8	-	4.5	4.9	5.1	-	-	-
256	3.1	3.3	-	4.0	4.4	-	-	-	-
264	2.7	2.8	-	3.4	3.9	-	-	-	-
272	-	-	-	2.9	3.3	-	-	-	-
280	-	-	-	2.5	2.8	-	-	-	-


 *258.5 ft

109,800 lb		28.5 ft x 27.8 ft		360°		85%									
47.6 ft								145.0 ft							
ft	0°	37.4 ft		68.9 ft		ft	0°	37.4 ft		68.9 ft					
		20°	40°	0°	20°			40°	20°	40°					
1,000 lb								1,000 lb							
10	47.4	-	-	-	-	28	47.4	-	-	19.9	-	-			
12	47.4	-	-	24.0	-	32	47.4	-	-	19.7	-	-			
14	47.4	-	-	23.7	-	36	47.4	-	-	19.3	-	-			
16	47.4	-	-	23.3	-	40	47.4	32.5	-	18.9	-	-			
18	47.4	-	-	22.9	-	48	46.6	30.4	22.5	18.2	-	-			
20	47.4	37.5	-	22.6	-	56	43.0	28.5	21.7	17.5	13.5	-			
24	47.4	34.5	-	21.9	-	64	39.3	26.8	20.9	16.9	12.9	-			
28	45.6	31.8	-	21.3	-	72	36.0	25.4	20.3	16.3	12.1	-			
32	41.1	29.7	23.4	20.3	-	80	33.1	24.1	19.8	15.6	11.6	9.2			
36	37.2	27.8	22.4	19.3	-	88	30.6	23.0	19.3	15.0	11.1	8.9			
40	33.8	26.0	21.5	18.3	14.2	96	28.6	22.1	18.9	14.2	10.5	8.7			
48	29.0	23.4	20.2	16.0	12.9	104	26.7	21.3	18.6	13.3	10.2	8.6			
56	25.4	21.2	19.0	14.3	11.7	112	24.9	20.5	18.3	12.5	9.7	8.4			
64	22.2	19.7	-	12.7	10.7	120	22.5	19.7	18.1	11.9	9.4	8.2			
72	19.9	18.5	-	11.5	9.9	128	20.3	19.1	18.0	11.2	9.1	8.0			
80	-	-	-	10.5	9.4	136	18.8	18.3	14.6	10.7	8.9	7.9			
88	-	-	-	9.6	8.7	144	16.9	17.5	-	10.4	8.6	7.9			
96	-	-	-	9.0	8.5	152	15.3	15.4	-	9.9	8.4	7.9			
104	-	-	-	8.4	-	160	14.3	11.7	-	9.5	8.3	7.9			
						168	10.9	-	-	9.1	8.1	-			
						176	10.2	-	-	8.9	8.0	-			
						184	-	-	-	8.5	7.9	-			
						192	-	-	-	8.3	-	-			
						200	-	-	-	8.2	-	-			

242.5 ft							
ft	0°	37.4 ft		68.9 ft		ft	0°
		20°	40°	0°	20°		
1,000 lb							
64	24.5	-	-	12.6	-	72	24.5
72	24.5	-	-	12.4	-	80	24.5
80	24.5	23.1	-	12.3	-	88	24.5
88	24.5	22.4	19.0	12.0	-	96	24.5
96	24.5	21.8	18.6	11.9	10.9	104	24.1
104	24.1	21.2	18.3	11.7	10.6	112	21.0
112	21.0	20.5	18.1	11.5	10.3	120	19.0
120	19.0	19.6	17.8	11.4	9.9	128	16.4
128	16.4	18.0	17.4	11.1	9.6	136	13.8
136	13.8	15.6	16.5	11.0	9.5	144	11.6
144	11.6	13.3	14.4	10.6	9.3	152	9.7
152	9.7	11.2	12.3	9.7	9.0	160	7.9
160	7.9	9.3	10.2	8.2	8.7	168	6.4
168	6.4	7.6	8.5	6.8	8.3	176	5.0
176	5.0	6.2	6.8	5.5	7.6	184	3.8
184	3.8	4.8	5.5	4.3	6.3	192	-
192	-	-	4.2	-	5.0	200	-
200	-	-	2.9	-	3.8	208	-
208	-	-	-	-	3.8	216	-
216	-	-	-	-	2.7		

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

 * 258.5 ft

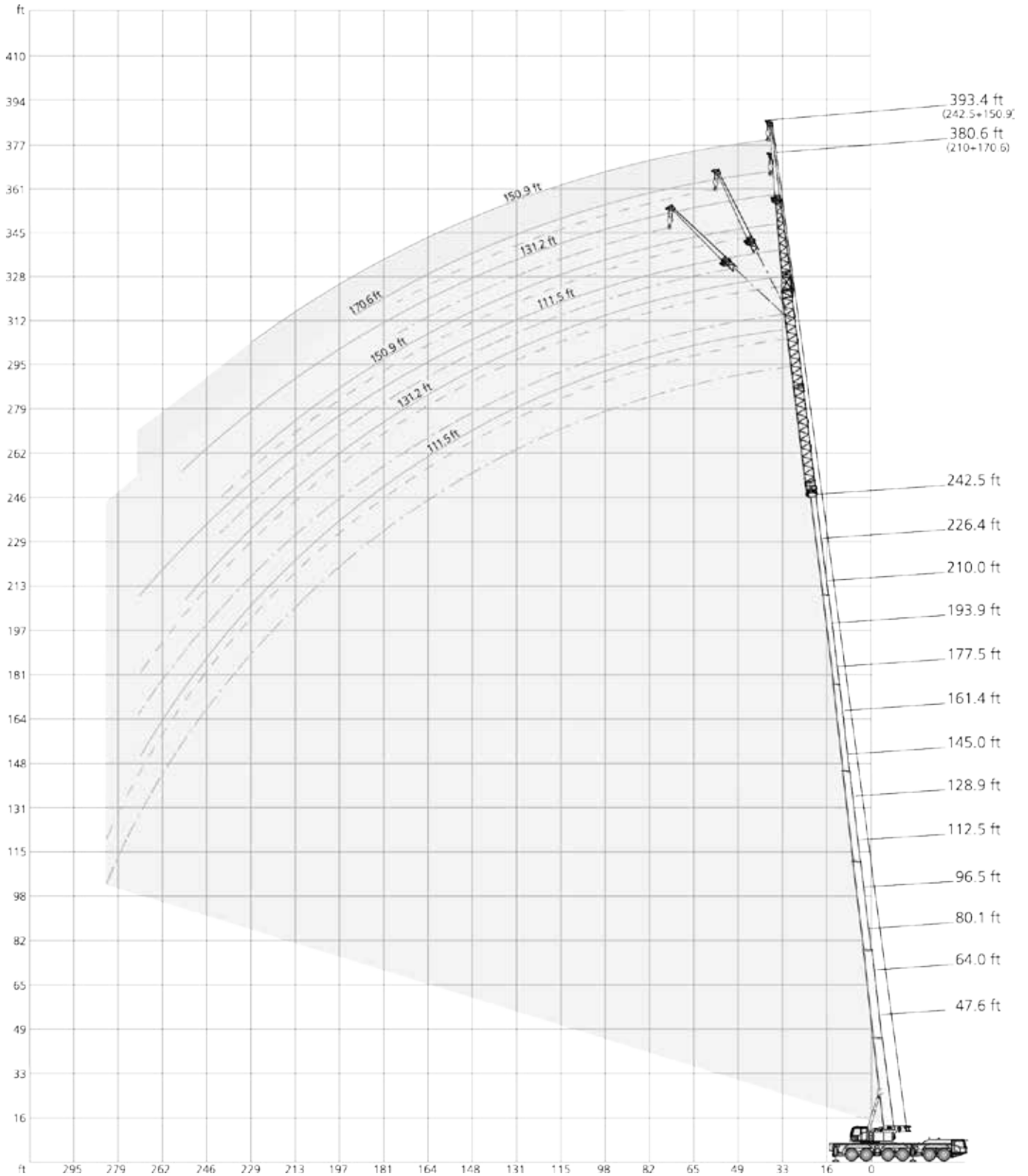
42,300 lb				28.5 ft x 27.8 ft		360°		85%	
47.6 ft		37.4 ft			68.9 ft				
ft	0°	20°	40°	0°	20°	40°	1,000 lb		
10	47.4	-	-	-	-	-	-	-	-
12	47.4	-	-	24.0	-	-	-	-	-
14	47.4	-	-	23.7	-	-	-	-	-
16	47.4	-	-	23.3	-	-	-	-	-
18	47.4	-	-	22.9	-	-	-	-	-
20	47.4	37.5	-	22.6	-	-	-	-	-
24	47.4	34.5	-	21.9	-	-	-	-	-
28	45.6	31.8	-	21.3	-	-	-	-	-
32	41.1	29.7	23.4	20.3	-	-	-	-	-
36	37.2	27.8	22.4	19.3	-	-	-	-	-
40	33.8	26.0	21.5	18.3	14.2	-	-	-	-
48	29.0	23.4	20.2	16.0	12.9	-	-	-	-
56	25.4	21.2	19.0	14.3	11.7	-	-	-	-
64	22.2	19.7	-	12.7	10.7	9.4	-	-	-
72	19.9	18.5	-	11.5	9.9	8.8	-	-	-
80	-	-	-	10.5	9.4	8.5	-	-	-
88	-	-	-	9.6	8.7	8.2	-	-	-
96	-	-	-	9.0	8.5	-	-	-	-
104	-	-	-	8.4	-	-	-	-	-

145.0 ft		37.4 ft			68.9 ft				
ft	0°	20°	40°	0°	20°	40°	1,000 lb		
28	47.4	-	-	-	-	-	19.9	-	-
32	47.4	-	-	-	-	-	19.7	-	-
36	47.4	-	-	-	-	-	19.3	-	-
40	47.4	32.5	-	-	-	-	18.9	-	-
48	46.5	30.4	22.5	-	-	-	18.2	-	-
56	41.2	28.5	21.7	-	-	-	17.5	13.5	-
64	36.8	26.8	20.9	-	-	-	16.9	12.9	-
72	31.6	25.4	20.3	-	-	-	16.3	12.1	-
80	26.8	23.7	19.8	-	-	-	15.6	11.6	9.2
88	22.1	22.2	19.2	-	-	-	15.0	11.1	8.9
96	18.3	20.2	18.7	-	-	-	14.0	10.5	8.7
104	15.1	16.7	17.8	-	-	-	13.1	10.2	8.6
112	12.4	14.0	15.1	-	-	-	12.3	9.7	8.4
120	10.4	11.6	12.4	-	-	-	11.2	9.4	8.2
128	8.5	9.6	10.2	-	-	-	9.4	9.1	8.0
136	6.8	7.7	8.4	-	-	-	7.6	8.9	7.9
144	5.4	6.2	-	-	-	-	6.2	8.0	7.9
152	4.2	4.9	-	-	-	-	4.9	6.4	7.5
160	3.1	3.6	-	-	-	-	3.9	5.2	6.2
168	-	-	-	-	-	-	-	4.1	-
176	-	-	-	-	-	-	-	3.0	-

242.5 ft		37.4 ft			68.9 ft				
ft	0°	20°	40°	0°	20°	40°	1,000 lb		
64	23.4	-	-	12.6	-	-	-	-	-
72	19.7	-	-	12.4	-	-	-	-	-
80	14.8	18.7	-	11.8	-	-	-	-	-
88	10.8	14.3	17.3	9.9	-	-	-	-	-
96	7.7	10.7	13.4	6.8	10.9	-	-	-	-
104	5.1	7.8	10.3	4.5	9.1	-	-	-	-
112	-	5.4	7.6	-	6.7	8.4	-	-	-
120	-	3.3	5.3	-	4.6	7.8	-	-	-
128	-	-	3.4	-	-	6.2	-	-	-
136	-	-	-	-	-	4.2	-	-	-
144	-	-	-	-	-	2.5	-	-	-

262.5 ft		37.4 ft			68.9 ft				
ft	0°	20°	40°*	0°*	20°*	40°*	1,000 lb		
72	16.0	-	-	11.2	-	-	-	-	-
80	11.3	-	-	10.7	-	-	-	-	-
88	7.7	11.3	-	7.2	-	-	-	-	-
96	4.6	8.0	11.4	4.3	10.9	-	-	-	-
104	-	5.2	8.1	-	9.1	-	-	-	-
112	-	-	5.6	-	6.7	8.4	-	-	-
120	-	-	-	-	4.6	7.8	-	-	-
128	-	-	-	-	-	6.2	-	-	-
136	-	-	-	-	-	4.2	-	-	-
144	-	-	-	-	-	2.5	-	-	-

 *258.5 ft













206,800 lb		28.5 ft x 27.8 ft						360°			85%		
47.6 ft													
ft	0°	111.5 ft		131.2 ft			150.9 ft			170.6 ft			ft
		20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb													
20	21.8	-	-	-	-	-	-	-	-	-	-	-	20
24	21.2	-	-	19.9	-	-	-	-	-	-	-	-	24
28	20.7	-	-	19.5	-	-	-	-	-	-	-	-	28
32	20.2	-	-	18.9	-	-	17.4	-	-	-	-	-	32
36	19.5	-	-	18.1	-	-	16.4	-	-	14.3	-	-	36
40	18.8	-	-	17.3	-	-	15.5	-	-	13.5	-	-	40
48	17.2	14.1	-	15.4	-	-	13.7	-	-	12.0	-	-	48
56	15.3	13.0	-	13.6	12.6	-	12.1	-	-	10.7	-	-	56
64	13.6	12.1	-	12.0	11.3	-	10.6	10.2	-	9.3	9.3	-	64
72	12.2	11.3	9.5	10.6	10.2	-	9.5	9.1	-	8.2	8.2	-	72
80	10.9	10.2	9.0	9.5	9.1	8.7	8.3	8.0	8.0	7.3	7.1	7.3	80
88	9.9	9.2	8.7	8.5	8.2	8.0	7.4	7.2	7.2	6.3	6.3	6.4	88
96	9.1	8.5	8.3	7.7	7.4	7.3	6.6	6.6	6.6	5.5	5.7	5.8	96
104	8.3	7.8	7.8	6.9	6.7	6.7	5.8	5.8	5.8	4.9	4.9	5.1	104
112	7.7	7.2	7.2	6.4	6.1	6.1	5.3	5.3	5.3	4.4	4.4	4.6	112
120	6.9	6.8	-	5.8	5.7	5.6	4.7	4.7	4.8	3.8	3.9	4.1	120
128	6.5	6.4	-	5.3	5.3	5.2	4.3	4.3	4.4	3.3	3.5	3.6	128
136	6.1	6.0	-	4.9	4.8	-	3.9	3.9	4.0	2.9	3.1	3.2	136
144	5.7	-	-	4.4	4.4	-	3.5	3.5	3.6	2.7	2.7	2.9	144
152	-	-	-	4.2	4.2	-	3.1	3.3	-	-	2.4	2.6	152
160	-	-	-	3.9	-	-	2.8	3.0	-	-	-	-	160
168	-	-	-	-	-	-	2.6	2.7	-	-	-	-	168
176	-	-	-	-	-	-	2.4	2.5	-	-	-	-	176

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

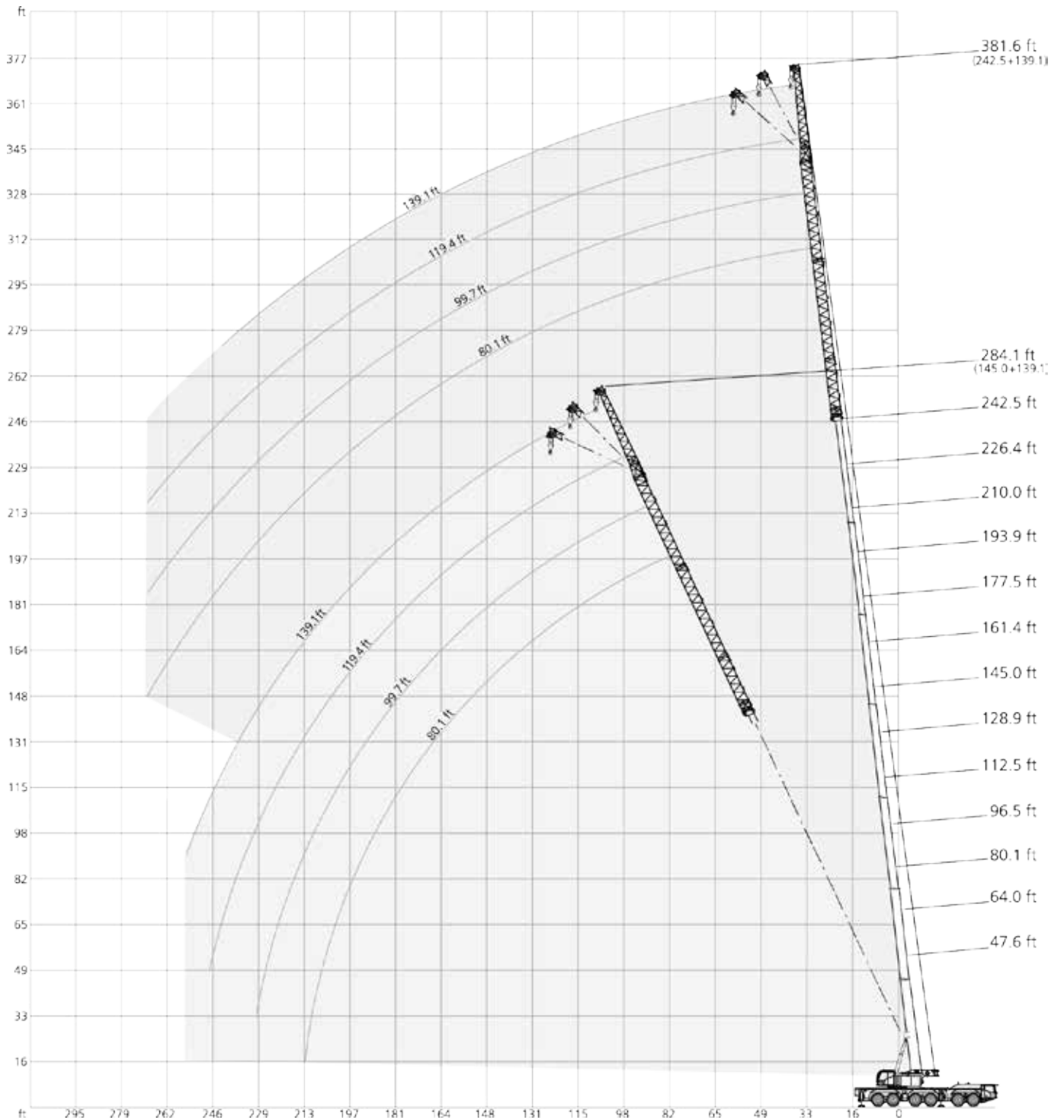
206,800 lb		28.5 ft x 27.8 ft									360°			85%	
242.5 ft															
ft	ft	111.5 ft			131.2 ft			150.9 ft			170.6 ft			ft	
		0°	20°	40°	0°	20°	40°	0°	20°*	40°*	0°*	20°*	40°*		
1,000 lb															
80		9.3	-	-	-	-	-	-	-	-	6.1	-	-	80	
88		9.3	-	-	7.5	-	-	-	-	-	5.6	-	-	88	
96		9.3	-	-	7.4	-	-	5.6	-	-	5.4	-	-	96	
104		9.1	-	-	7.1	-	-	5.3	-	-	5.1	-	-	104	
112		8.8	8.1	-	6.8	6.4	-	5.1	5.9	-	4.6	4.4	-	112	
120		8.6	7.9	-	6.6	6.1	-	4.8	5.4	5.2	4.3	4.1	-	120	
128		8.5	7.6	6.6	6.3	5.8	-	4.6	5.2	5.0	4.1	3.9	3.6	128	
136		8.2	7.3	6.5	6.2	5.6	5.4	4.5	4.9	4.7	3.8	3.6	3.5	136	
144		7.7	7.1	6.4	6.0	5.3	5.1	4.2	4.6	4.4	3.5	3.3	3.3	144	
152		7.5	6.8	6.1	5.7	5.3	5.0	4.0	4.4	4.2	3.3	3.1	3.1	152	
160		7.2	6.5	6.0	5.4	5.0	4.8	3.9	4.1	4.0	3.0	2.9	2.8	160	
168		6.9	6.3	5.9	5.2	4.8	4.6	3.6	3.9	3.8	2.8	2.7	2.6	168	
176		6.7	6.2	5.8	5.1	4.6	4.4	3.3	3.8	3.6	2.7	2.5	2.4	176	
184		6.5	5.9	5.6	4.8	4.4	4.3	3.2	3.5	3.4	2.4	-	-	184	
192		6.3	5.7	5.5	4.6	4.2	4.1	3.1	3.2	3.2	-	-	-	192	
200		6.1	5.6	5.3	4.5	4.0	3.9	2.9	3.0	3.0	-	-	-	200	
208		5.8	5.4	5.2	4.3	3.9	3.7	2.8	2.8	2.8	-	-	-	208	
216		5.5	5.3	5.1	4.0	3.8	3.5	2.7	2.7	2.7	-	-	-	216	
224		5.1	4.9	4.9	3.8	3.6	3.5	2.5	2.5	2.5	-	-	-	224	
232		4.7	4.6	4.8	3.6	3.4	3.5	-	2.4	2.4	-	-	-	232	
240		4.2	4.3	4.5	3.2	3.2	3.4	-	2.3	2.3	-	-	-	240	
248		3.7	4.0	4.2	2.9	3.0	3.1	-	-	-	-	-	-	248	
256		3.3	3.7	4.0	-	2.9	2.9	-	-	-	-	-	-	256	
264		2.9	3.3	3.4	-	2.6	2.7	-	-	-	-	-	-	264	
272		-	2.9	2.9	-	-	-	-	-	-	-	-	-	272	
280		-	2.3	2.3	-	-	-	-	-	-	-	-	-	280	

109,800 lb		28.5 ft x 27.8 ft									360°			85%	
47.6 ft															
ft	ft	111.5 ft			131.2 ft			150.9 ft			170.6 ft			ft	
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
1,000 lb															
20		21.8	-	-	-	-	-	-	-	-	-	-	-	20	
24		21.2	-	-	19.9	-	-	-	-	-	-	-	-	24	
28		20.7	-	-	19.5	-	-	-	-	-	-	-	-	28	
32		20.2	-	-	18.9	-	-	17.4	-	-	-	-	-	32	
36		19.5	-	-	18.1	-	-	16.4	-	-	14.3	-	-	36	
40		18.8	-	-	17.3	-	-	15.5	-	-	13.5	-	-	40	
48		17.2	14.1	-	15.4	-	-	13.7	-	-	12.0	-	-	48	
56		15.3	13.0	-	13.6	12.6	-	12.1	-	-	10.7	-	-	56	
64		13.6	12.1	-	12.0	11.3	-	10.6	10.2	-	9.3	9.3	-	64	
72		12.2	11.3	9.5	10.6	10.2	-	9.5	9.1	-	8.2	8.2	-	72	
80		10.9	10.2	9.0	9.5	9.1	8.7	8.3	8.0	8.0	7.3	7.1	7.3	80	
88		9.9	9.2	8.7	8.5	8.2	8.0	7.4	7.2	7.2	6.3	6.3	6.4	88	
96		9.1	8.5	8.3	7.7	7.4	7.3	6.6	6.6	6.6	5.5	5.7	5.8	96	
104		8.3	7.8	7.8	6.9	6.7	6.7	5.8	5.8	5.8	4.9	4.9	5.1	104	
112		7.7	7.2	7.2	6.4	6.1	6.1	5.3	5.3	5.3	4.4	4.4	4.6	112	
120		6.9	6.8	-	5.8	5.7	5.6	4.7	4.7	4.8	3.8	3.9	4.1	120	
128		6.5	6.4	-	5.3	5.3	5.2	4.3	4.3	4.4	3.3	3.5	3.6	128	
136		6.1	6.0	-	4.9	4.8	-	3.9	3.9	4.0	2.9	3.1	3.2	136	
144		5.7	-	-	4.4	4.4	-	3.5	3.5	3.6	2.7	2.7	2.9	144	
152		-	-	-	4.2	4.2	-	3.1	3.3	-	-	2.4	2.6	152	
160		-	-	-	3.9	-	-	2.8	3.0	-	-	-	-	160	
168		-	-	-	-	-	-	2.6	2.7	-	-	-	-	168	
176		-	-	-	-	-	-	2.4	2.5	-	-	-	-	176	

 109,800 lb		 28.5 ft x 27.8 ft		360°		85%								
 145.0 ft														
 ft		111.5 ft			131.2 ft			150.9 ft			170.6 ft			 ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
40		17.2	-	-	-	-	-	-	-	-	-	-	-	40
48		16.6	-	-	15.2	-	-	-	-	-	-	-	-	48
56		16.1	-	-	14.4	-	-	12.2	-	-	10.0	-	-	56
64		15.5	-	-	13.4	-	-	11.4	-	-	9.2	-	-	64
72		14.6	12.4	-	12.6	-	-	10.6	-	-	8.6	-	-	72
80		13.7	11.8	-	11.6	10.2	-	9.8	8.9	-	7.9	7.4	-	80
88		12.7	11.0	9.0	10.8	9.4	-	9.0	8.2	-	7.3	6.9	-	88
96		12.1	10.3	8.9	10.1	8.8	8.1	8.3	7.5	7.0	6.8	6.3	-	96
104		11.3	9.8	8.6	9.4	8.2	7.6	7.8	6.9	6.5	6.2	5.8	5.5	104
112		10.5	9.2	8.3	8.8	7.7	7.0	7.0	6.4	6.1	5.7	5.3	5.1	112
120		9.8	8.7	7.9	8.0	7.2	6.7	6.5	6.0	5.7	5.2	4.9	4.7	120
128		9.3	8.3	7.6	7.5	6.8	6.3	6.1	5.6	5.3	4.8	4.5	4.3	128
136		8.7	7.8	7.3	7.0	6.3	6.0	5.6	5.2	4.9	4.3	4.1	4.0	136
144		8.4	7.5	7.1	6.6	6.0	5.7	5.1	4.9	4.6	4.0	3.8	3.8	144
152		7.9	7.0	6.8	6.1	5.7	5.5	4.8	4.4	4.4	3.5	3.5	3.5	152
160		7.4	6.7	6.5	5.8	5.4	5.2	4.3	4.1	4.1	3.2	3.2	3.2	160
168		7.1	6.5	6.3	5.4	5.2	4.9	4.1	3.8	3.8	3.0	3.0	3.0	168
176		6.7	6.2	6.0	5.1	4.9	4.7	3.8	3.6	3.6	2.7	2.7	2.7	176
184		6.4	5.9	5.8	4.8	4.6	4.5	3.5	3.4	3.3	2.4	-	2.4	184
192		6.1	5.7	5.5	4.6	4.4	4.4	3.2	3.2	3.1	-	-	-	192
200		5.8	5.6	5.3	4.3	4.1	4.1	3.0	3.0	2.9	-	-	-	200
208		5.6	5.4	-	4.0	3.9	-	2.8	2.8	2.8	-	-	-	208
216		5.3	5.3	-	3.8	3.8	-	2.7	2.7	2.7	-	-	-	216
224		5.0	5.1	-	3.6	3.6	-	2.4	2.4	-	-	-	-	224
232		4.7	4.1	-	3.5	3.5	-	-	-	-	-	-	-	232
240		4.3	3.7	-	3.4	3.4	-	-	-	-	-	-	-	240
248		3.4	-	-	3.2	2.8	-	-	-	-	-	-	-	248

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

 *210.0 ft



206,800 lb		28.5 ft x 27.8 ft						360°						85%	
47.6 ft															
ft	0°	80.1 ft		99.7 ft			119.4 ft			139.1 ft			ft		
		20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°			
1,000 lb															
16	46.9	-	-	-	-	-	-	-	-	-	-	-	-	16	
18	44.2	-	-	-	-	-	-	-	-	-	-	-	-	18	
20	41.5	-	-	36.3	-	-	-	-	-	-	-	-	-	20	
24	37.2	-	-	32.7	-	-	29.0	-	-	-	-	-	-	24	
28	33.5	-	-	29.6	-	-	26.2	-	-	23.0	-	-	-	28	
32	30.5	26.7	-	26.8	-	-	23.8	-	-	21.1	-	-	-	32	
36	28.2	24.7	-	24.5	22.4	-	21.9	-	-	19.4	-	-	-	36	
40	25.9	22.9	21.0	22.5	20.7	-	20.0	18.7	-	17.9	-	-	-	40	
48	22.1	20.1	18.7	19.4	17.9	17.1	17.1	16.2	15.6	15.2	14.7	-	-	48	
56	19.2	17.8	16.8	16.8	15.7	15.0	14.9	14.2	13.7	13.1	12.7	12.5	-	56	
64	17.0	16.0	15.3	14.7	14.0	13.5	12.9	12.5	12.2	11.5	11.1	11.1	-	64	
72	15.2	14.4	13.9	13.0	12.4	12.2	11.3	11.1	10.8	10.0	9.9	9.7	-	72	
80	13.9	13.1	12.8	11.7	11.3	11.1	10.0	9.8	9.8	8.8	8.7	8.6	-	80	
88	12.6	12.1	11.9	10.5	10.3	10.1	9.0	8.9	8.8	7.7	7.8	7.7	-	88	
96	11.6	11.1	-	9.7	9.4	9.3	8.2	8.0	8.0	6.9	6.9	7.0	-	96	
104	10.7	10.4	-	8.7	8.7	8.7	7.4	7.3	7.3	6.2	6.2	6.3	-	104	
112	9.9	-	-	8.1	7.9	-	6.8	6.8	6.6	5.5	5.7	5.7	-	112	
120	-	-	-	7.4	7.4	-	6.0	6.0	-	5.0	5.2	5.2	-	120	
128	-	-	-	6.9	-	-	5.6	5.6	-	4.6	4.6	4.6	-	128	
136	-	-	-	6.5	-	-	5.2	5.2	-	4.1	4.1	-	-	136	
144	-	-	-	-	-	-	4.9	4.9	-	3.8	3.8	-	-	144	
152	-	-	-	-	-	-	4.6	-	-	3.5	3.5	-	-	152	
160	-	-	-	-	-	-	-	-	-	3.1	3.2	-	-	160	
168	-	-	-	-	-	-	-	-	-	3.0	-	-	-	168	
176	-	-	-	-	-	-	-	-	-	2.7	-	-	-	176	

145.0 ft														
ft	0°	80.1 ft		99.7 ft			119.4 ft			139.1 ft			ft	
		20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°		
1,000 lb														
40	30.9	-	-	25.6	-	-	-	-	-	-	-	-	-	40
48	28.0	-	-	23.2	-	-	19.2	-	-	-	-	-	-	48
56	25.6	21.3	-	21.0	18.3	-	17.6	-	-	14.4	-	-	-	56
64	23.4	19.7	17.6	19.1	16.8	-	16.0	14.4	-	13.2	-	-	-	64
72	21.4	18.3	16.6	17.5	15.5	14.1	14.6	13.3	12.4	12.1	11.3	-	-	72
80	20.0	17.2	15.7	16.1	14.4	13.3	13.3	12.2	11.3	11.1	10.4	9.8	-	80
88	18.5	16.2	14.7	15.0	13.4	12.5	12.3	11.2	10.6	10.1	9.4	9.1	-	88
96	17.2	15.2	14.1	13.8	12.6	11.7	11.3	10.4	9.9	9.3	8.8	8.4	-	96
104	16.0	14.4	13.3	12.9	11.8	11.1	10.5	9.8	9.3	8.7	8.0	7.8	-	104
112	14.9	13.6	12.8	11.9	11.0	10.6	9.7	9.0	8.6	7.9	7.5	7.2	-	112
120	14.1	12.9	12.2	11.1	10.4	10.0	8.9	8.5	8.3	7.3	6.9	6.7	-	120
128	13.3	12.3	11.7	10.5	9.7	9.5	8.4	7.9	7.7	6.6	6.4	6.3	-	128
136	12.7	11.8	11.3	9.8	9.2	8.9	7.8	7.4	7.2	6.1	5.9	5.9	-	136
144	11.9	11.3	10.8	9.3	8.8	8.6	7.3	6.9	6.8	5.7	5.5	5.5	-	144
152	11.4	10.7	10.5	8.7	8.3	8.1	6.8	6.6	6.5	5.3	5.0	5.0	-	152
160	10.9	10.3	10.3	8.3	8.0	7.9	6.4	6.2	6.1	4.9	4.8	4.8	-	160
168	10.4	9.9	8.7	8.0	7.6	7.6	6.0	5.8	5.8	4.5	4.5	4.5	-	168
176	10.0	9.5	8.0	7.6	7.3	7.3	5.8	5.6	5.6	4.2	4.2	4.2	-	176
184	9.7	9.4	-	7.2	7.0	6.6	5.5	5.3	5.3	4.0	4.0	4.0	-	184
192	9.4	9.0	-	6.8	6.8	-	5.2	5.0	4.8	3.7	3.7	3.7	-	192
200	9.2	8.9	-	6.5	6.5	-	4.8	4.7	4.7	3.4	3.4	3.4	-	200
208	7.8	-	-	6.3	6.3	-	4.6	4.6	-	3.2	3.2	-	-	208
216	7.1	-	-	6.2	6.2	-	4.4	4.4	-	3.1	3.1	-	-	216
224	-	-	-	6.0	4.3	-	4.3	4.2	-	2.8	2.8	-	-	224
232	-	-	-	3.9	-	-	4.1	3.4	-	2.6	2.6	-	-	232
240	-	-	-	3.6	-	-	4.0	3.2	-	2.5	2.5	-	-	240
248	-	-	-	-	-	-	3.8	-	-	2.4	2.3	-	-	248
256	-	-	-	-	-	-	-	-	-	2.4	-	-	-	256
264	-	-	-	-	-	-	-	-	-	2.3	-	-	-	264

206,800 lb		28.5 ft x 27.8 ft						360°			85%			
242.5 ft														
ft	ft	80.1 ft			99.7 ft			119.4 ft			139.1 ft			ft
		0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb														
80		15.2	-	-	12.1	-	-	-	-	-	-	-	-	80
88		15.2	-	-	11.8	-	-	9.2	-	-	-	-	-	88
96		14.9	13.8	-	11.4	10.7	-	8.8	-	-	6.5	-	-	96
104		14.4	13.3	11.9	11.1	10.4	-	8.4	8.0	-	6.2	-	-	104
112		13.9	12.8	11.7	10.8	10.1	9.7	8.1	7.7	7.5	5.9	5.7	5.7	112
120		13.4	12.4	11.2	10.3	9.6	9.4	7.9	7.4	7.2	5.7	5.4	5.4	120
128		13.0	11.9	10.9	10.0	9.4	9.0	7.6	7.2	6.9	5.4	5.2	5.2	128
136		12.5	11.5	10.6	9.6	8.9	8.7	7.2	6.9	6.7	5.1	4.9	4.9	136
144		12.1	11.3	10.4	9.3	8.6	8.4	6.8	6.6	6.4	4.9	4.9	4.6	144
152		11.6	10.8	10.1	8.8	8.3	8.1	6.6	6.4	6.1	4.8	4.6	4.6	152
160		11.1	10.5	9.8	8.5	8.0	7.9	6.3	6.1	6.0	4.5	4.3	4.3	160
168		10.5	10.2	9.6	8.2	7.6	7.6	6.0	5.8	5.8	4.3	4.1	4.1	168
176		10.0	9.8	9.3	7.8	7.3	7.3	5.8	5.6	5.6	4.0	4.0	4.0	176
184		9.5	9.5	9.1	7.5	7.2	7.0	5.6	5.3	5.3	3.9	3.7	3.7	184
192		8.9	9.1	9.0	7.2	7.0	6.8	5.5	5.0	5.0	3.7	3.5	3.5	192
200		8.2	8.4	8.5	6.9	6.7	6.7	5.2	4.9	4.9	3.6	3.4	3.4	200
208		7.5	7.8	7.9	6.5	6.4	6.4	4.9	4.7	4.7	3.4	3.2	3.2	208
216		6.7	7.1	7.1	6.0	6.0	6.0	4.6	4.4	4.4	3.1	3.1	3.1	216
224		5.9	6.3	6.3	5.5	5.5	5.6	4.3	4.2	4.3	3.0	3.0	3.0	224
232		5.1	5.5	5.5	4.9	5.0	5.2	3.9	3.9	4.1	2.8	2.8	2.8	232
240		4.6	4.9	4.9	4.4	4.5	4.8	3.6	3.6	3.8	2.5	2.5	2.7	240
248		4.1	4.3	-	3.8	4.1	4.2	3.3	3.4	3.6	-	-	2.6	248
256		3.5	3.7	-	3.3	3.5	3.5	2.9	3.1	3.3	-	-	-	256
264		2.8	3.1	-	2.8	3.0	3.0	2.5	2.8	2.9	-	-	-	264

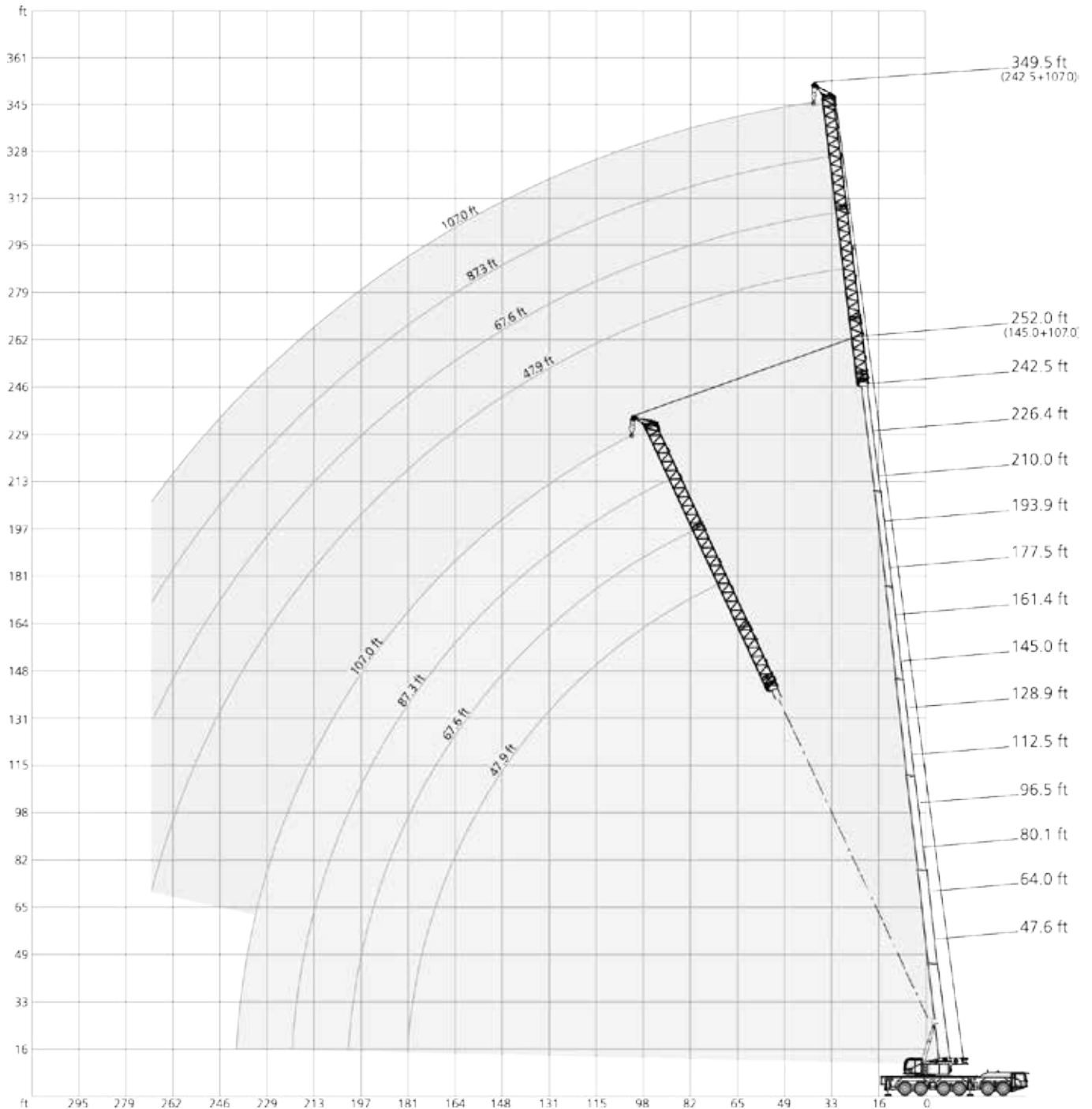
258.5 ft															
ft	ft	80.1 ft													ft
		0°	20°	40°											
1,000 lb															
80		12.1	-	-											80
88		12.1	-	-											88
96		12.1	-	-											96
104		12.1	12.1	-											104
112		12.1	12.1	10.1											112
120		12.1	11.6	9.9											120
128		12.0	11.4	9.8					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

109,800 lb		28.5 ft x 27.8 ft			360°			85%					
47.6 ft													
ft	0°	80.1 ft		99.7 ft			119.4 ft			139.1 ft			ft
		20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb													
16	46.9	-	-	-	-	-	-	-	-	-	-	-	16
18	44.2	-	-	-	-	-	-	-	-	-	-	-	18
20	41.5	-	-	36.3	-	-	-	-	-	-	-	-	20
24	37.2	-	-	32.7	-	-	29.0	-	-	-	-	-	24
28	33.5	-	-	29.6	-	-	26.2	-	-	23.0	-	-	28
32	30.5	26.7	-	26.8	-	-	23.8	-	-	21.1	-	-	32
36	28.2	24.7	-	24.5	22.4	-	21.9	-	-	19.4	-	-	36
40	25.9	22.9	21.0	22.5	20.7	-	20.0	18.7	-	17.9	-	-	40
48	22.1	20.1	18.7	19.4	17.9	17.1	17.1	16.2	15.6	15.2	14.7	-	48
56	19.2	17.8	16.8	16.8	15.7	15.0	14.9	14.2	13.7	13.1	12.7	12.5	56
64	17.0	16.0	15.3	14.7	14.0	13.5	12.9	12.5	12.2	11.5	11.1	11.1	64
72	15.2	14.4	13.9	13.0	12.4	12.2	11.3	11.1	10.8	10.0	9.9	9.7	72
80	13.9	13.1	12.8	11.7	11.3	11.1	10.0	9.8	9.8	8.8	8.7	8.6	80
88	12.6	12.1	11.9	10.5	10.3	10.1	9.0	8.9	8.8	7.7	7.8	7.7	88
96	11.6	11.1	-	9.7	9.4	9.3	8.2	8.0	8.0	6.9	6.9	7.0	96
104	10.7	10.4	-	8.7	8.7	8.7	7.4	7.3	7.3	6.2	6.2	6.3	104
112	9.9	-	-	8.1	7.9	-	6.8	6.8	6.6	5.5	5.7	5.7	112
120	-	-	-	7.4	7.4	-	6.0	6.0	-	5.0	5.2	5.2	120
128	-	-	-	6.9	-	-	5.6	5.6	-	4.6	4.6	4.6	128
136	-	-	-	6.5	-	-	5.2	5.2	-	4.1	4.1	-	136
144	-	-	-	-	-	-	4.9	4.9	-	3.8	3.8	-	144
152	-	-	-	-	-	-	4.6	-	-	3.5	3.5	-	152
160	-	-	-	-	-	-	-	-	-	3.1	3.2	-	160
168	-	-	-	-	-	-	-	-	-	3.0	-	-	168
176	-	-	-	-	-	-	-	-	-	2.7	-	-	176




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




109,800 lb		28.5 ft x 27.8 ft			360°			85%					
242.5 ft													
ft	0°	80.1 ft		99.7 ft			119.4 ft			139.1 ft			ft
		20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
1,000 lb													
80	15.2	-	-	12.1	-	-	-	-	-	-	-	-	80
88	15.2	-	-	11.8	-	-	9.2	-	-	-	-	-	88
96	14.9	13.8	-	11.4	10.7	-	8.8	-	-	6.5	-	-	96
104	14.4	13.3	11.9	11.1	10.4	-	8.4	8.0	-	6.2	-	-	104
112	13.9	12.8	11.7	10.8	10.1	9.7	8.1	7.7	7.5	5.9	5.7	5.7	112
120	13.4	12.4	11.2	10.3	9.6	9.4	7.9	7.4	7.2	5.7	5.4	5.4	120
128	12.7	11.9	10.9	10.0	9.4	9.0	7.6	7.2	6.9	5.4	5.2	5.2	128
136	11.8	11.5	10.6	9.6	8.9	8.7	7.2	6.9	6.7	5.1	4.9	4.9	136
144	10.0	11.0	10.4	9.1	8.6	8.4	6.8	6.6	6.4	4.9	4.9	4.6	144
152	8.2	9.9	9.9	7.7	8.2	8.1	6.2	6.4	6.1	4.8	4.6	4.6	152
160	6.6	8.1	9.3	6.2	6.5	7.7	4.6	6.0	6.0	4.1	4.3	4.3	160
168	5.3	6.6	7.9	4.8	5.1	6.5	-	5.0	5.6	-	3.8	4.1	168
176	3.9	5.3	6.4	3.5	3.7	5.1	-	3.5	4.7	-	3.0	4.0	176
184	-	4.0	5.0	-	-	3.7	-	-	3.6	-	-	-	184




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






206,800 lb  **28.5 ft x 27.8 ft** **360°** **85%**




 47.6 ft				
 	47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°				
ft	1,000 lb			
14	60.6	-	-	-
16	56.9	-	-	-
18	53.8	46.4	-	-
20	50.7	43.5	38.5	-
24	45.8	39.0	34.4	-
28	41.6	35.2	31.0	27.6
32	38.0	32.1	28.1	25.0
36	34.7	29.6	25.7	22.9
40	31.6	27.2	23.6	20.9
48	26.7	23.4	20.4	18.0
56	22.8	20.5	17.7	15.8
64	19.8	18.3	15.6	13.7
72	17.5	16.6	13.9	11.9
80	15.4	15.0	12.6	10.8
88	-	13.7	11.4	9.6
96	-	12.7	10.5	8.8
104	-	12.0	9.6	8.0
112	-	-	8.8	7.2
120	-	-	8.3	6.7
128	-	-	-	6.2
136	-	-	-	5.8
144	-	-	-	5.5




 145.0 ft				
 	47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°				
ft	1,000 lb			
36	44.9	-	-	-
40	42.7	33.7	27.8	-
48	39.0	30.5	24.9	21.0
56	35.7	27.8	22.6	19.0
64	33.0	25.6	20.7	17.3
72	30.3	23.6	19.0	15.7
80	27.6	22.0	17.6	14.4
88	25.4	20.4	16.4	13.3
96	23.5	18.9	15.2	12.4
104	21.8	17.8	14.0	11.6
112	20.4	16.7	13.2	10.8
120	19.1	15.9	12.4	10.0
128	18.1	15.1	11.7	9.3
136	17.2	14.3	11.0	8.7
144	16.1	13.7	10.4	8.2
152	15.4	13.2	9.9	7.7
160	14.7	12.6	9.5	7.3
168	14.1	12.1	9.1	6.9
176	13.7	11.7	8.7	6.5
184	8.4	11.5	8.3	6.2
192	-	10.8	7.9	5.9
200	-	9.7	7.8	5.6
208	-	-	7.6	5.4
216	-	-	7.5	5.3
224	-	-	4.7	5.2
232	-	-	-	5.1
240	-	-	-	5.1

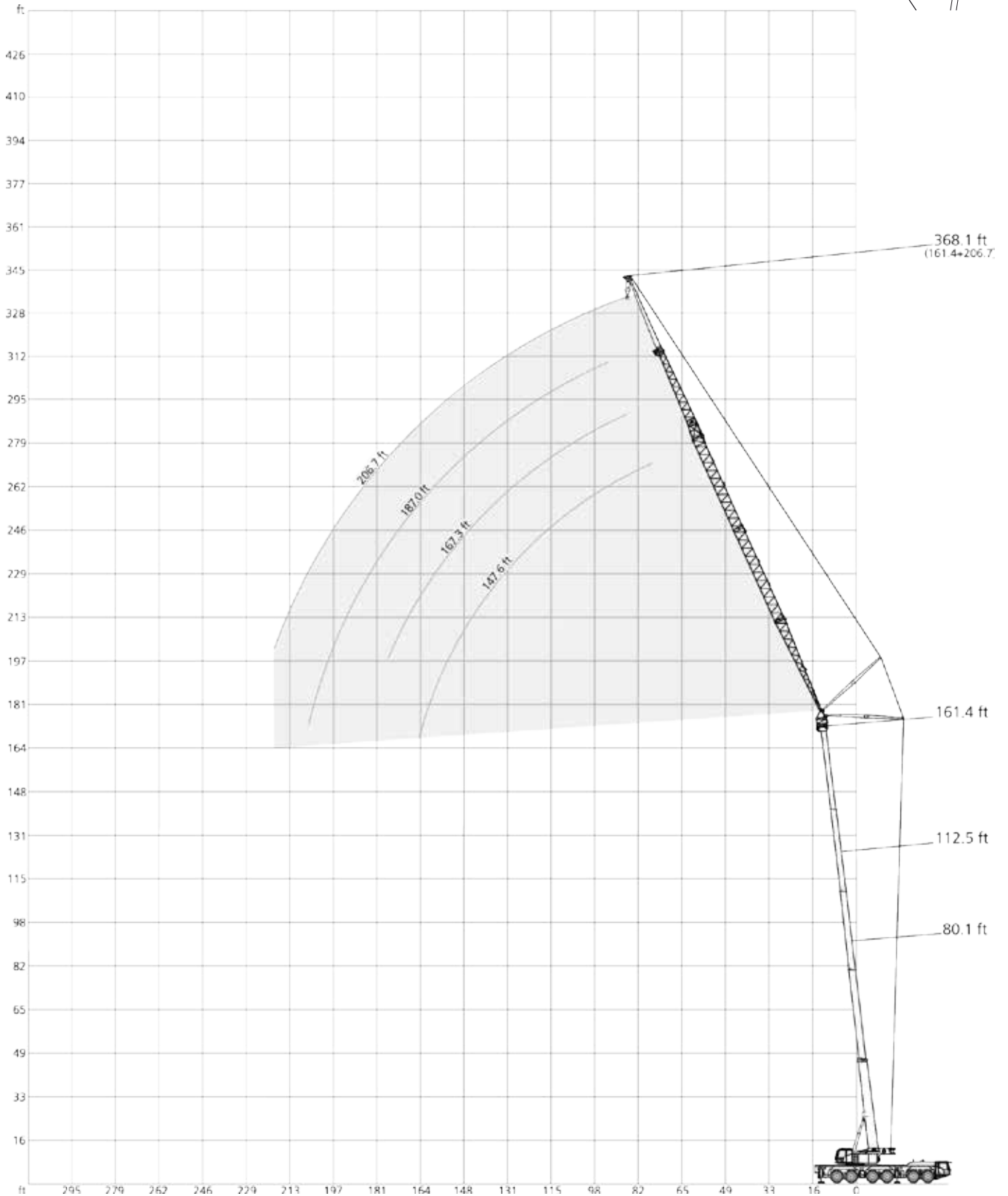
 242.5 ft				
 	47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°				
ft	1,000 lb			
80	22.5	18.0	14.2	-
88	22.5	17.7	13.7	10.6
96	22.1	17.0	13.3	10.2
104	21.3	16.4	12.9	9.8
112	20.5	15.8	12.3	9.5
120	19.7	15.3	11.8	9.2
128	18.7	14.8	11.5	8.8
136	17.7	14.2	10.9	8.4
144	16.4	13.9	10.6	8.2
152	15.0	13.1	10.1	7.7
160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

109,800 lb  **28.5 ft x 27.8 ft** **360°** **85%**

 47.6 ft					
		47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°					
ft	1,000 lb				
14	60.6	-	-	-	
16	56.9	-	-	-	
18	53.8	46.4	-	-	
20	50.7	43.5	38.5	-	
24	45.8	39.0	34.4	-	
28	41.6	35.2	31.0	27.6	
32	38.0	32.1	28.1	25.0	
36	34.7	29.6	25.7	22.9	
40	31.6	27.2	23.6	20.9	
48	26.7	23.4	20.4	18.0	
56	22.8	20.5	17.7	15.8	
64	19.8	18.3	15.6	13.7	
72	17.5	16.6	13.9	11.9	
80	15.4	15.0	12.6	10.8	
88	-	13.7	11.4	9.6	
96	-	12.7	10.5	8.8	
104	-	12.0	9.6	8.0	
112	-	-	8.8	7.2	
120	-	-	8.3	6.7	
128	-	-	-	6.2	
136	-	-	-	5.8	
144	-	-	-	5.5	

 145.0 ft					
		47.9 ft	67.6 ft	87.3 ft	107.0 ft
0°					
ft	1,000 lb				
36	44.9	-	-	-	
40	42.7	33.7	27.8	-	
48	39.0	30.5	24.9	21.0	
56	35.7	27.8	22.6	19.0	
64	33.0	25.6	20.7	17.3	
72	30.3	23.6	19.0	15.7	
80	27.6	22.0	17.6	14.4	
88	25.4	20.4	16.4	13.3	
96	23.5	18.9	15.2	12.4	
104	21.8	17.8	14.0	11.6	
112	20.4	16.7	13.2	10.8	
120	19.1	15.9	12.4	10.0	
128	17.7	15.1	11.7	9.3	
136	16.6	14.3	11.0	8.7	
144	15.7	13.7	10.4	8.2	
152	13.9	12.9	9.9	7.7	
160	12.6	12.3	9.4	7.3	
168	11.7	11.2	8.8	6.9	
176	10.3	9.8	8.4	6.5	
184	8.4	9.1	8.1	6.2	
192	-	8.4	7.7	5.9	
200	-	7.7	7.4	5.6	
208	-	-	6.8	5.2	
216	-	-	6.2	5.1	
224	-	-	4.7	4.8	
232	-	-	-	4.6	
240	-	-	-	4.3	

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



360°													85%																																						
80.1 ft																																																			
147.6 ft													167.3 ft													187.0 ft													206.7 ft												
83° 73° 65°													83° 73° 65°													83° 73° 65°													83° 73° 65°												
ft	1,000 lb												ft																																						
56	14.6	-	-	13.7	-	-	-	-	-	-	-	-	56																																						
64	14.0	-	-	13.1	-	-	12.0	-	-	-	-	-	64																																						
72	13.2	-	-	12.6	-	-	11.5	-	-	10.1	-	-	72																																						
80	12.7	-	-	12.0	-	-	11.2	-	-	9.9	-	-	80																																						
88	12.2	-	-	11.6	-	-	10.7	-	-	9.6	-	-	88																																						
96	11.6	12.3	-	11.2	-	-	10.4	-	-	9.3	-	-	96																																						
104	11.1	11.8	-	10.8	11.3	-	10.2	-	-	9.1	-	-	104																																						
112	10.6	11.2	-	10.6	10.8	-	9.9	10.1	-	8.8	-	-	112																																						
120	10.0	10.9	11.3	10.1	10.5	-	9.6	9.9	-	8.8	8.8	-	120																																						
128	9.5	10.4	10.9	9.8	10.2	-	9.4	9.6	-	8.5	8.7	-	128																																						
136	8.9	9.8	10.5	9.5	10.0	10.2	9.1	9.3	-	8.2	8.4	-	136																																						
144	8.4	9.3	9.9	9.3	9.7	9.9	9.0	9.1	9.3	8.2	8.4	-	144																																						
152	-	8.8	9.4	8.8	9.4	9.7	8.8	9.0	9.0	7.9	8.2	-	152																																						
160	-	8.4	9.1	8.5	9.0	9.4	8.6	8.7	9.0	7.9	7.9	8.1	160																																						
168	-	-	8.6	-	8.7	9.1	8.5	8.5	8.8	7.9	7.9	7.9	168																																						
176	-	-	-	-	8.4	8.9	8.4	8.4	8.6	7.7	7.7	7.7	176																																						
184	-	-	-	-	-	8.6	-	8.4	8.4	7.7	7.7	7.7	184																																						
192	-	-	-	-	-	-	-	8.2	8.3	7.7	7.7	7.7	192																																						
200	-	-	-	-	-	-	-	8.2	8.2	7.7	7.6	7.6	200																																						
208	-	-	-	-	-	-	-	-	8.2	-	7.5	7.5	208																																						
216	-	-	-	-	-	-	-	-	-	-	7.5	7.5	216																																						
224	-	-	-	-	-	-	-	-	-	-	-	7.5	224																																						

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

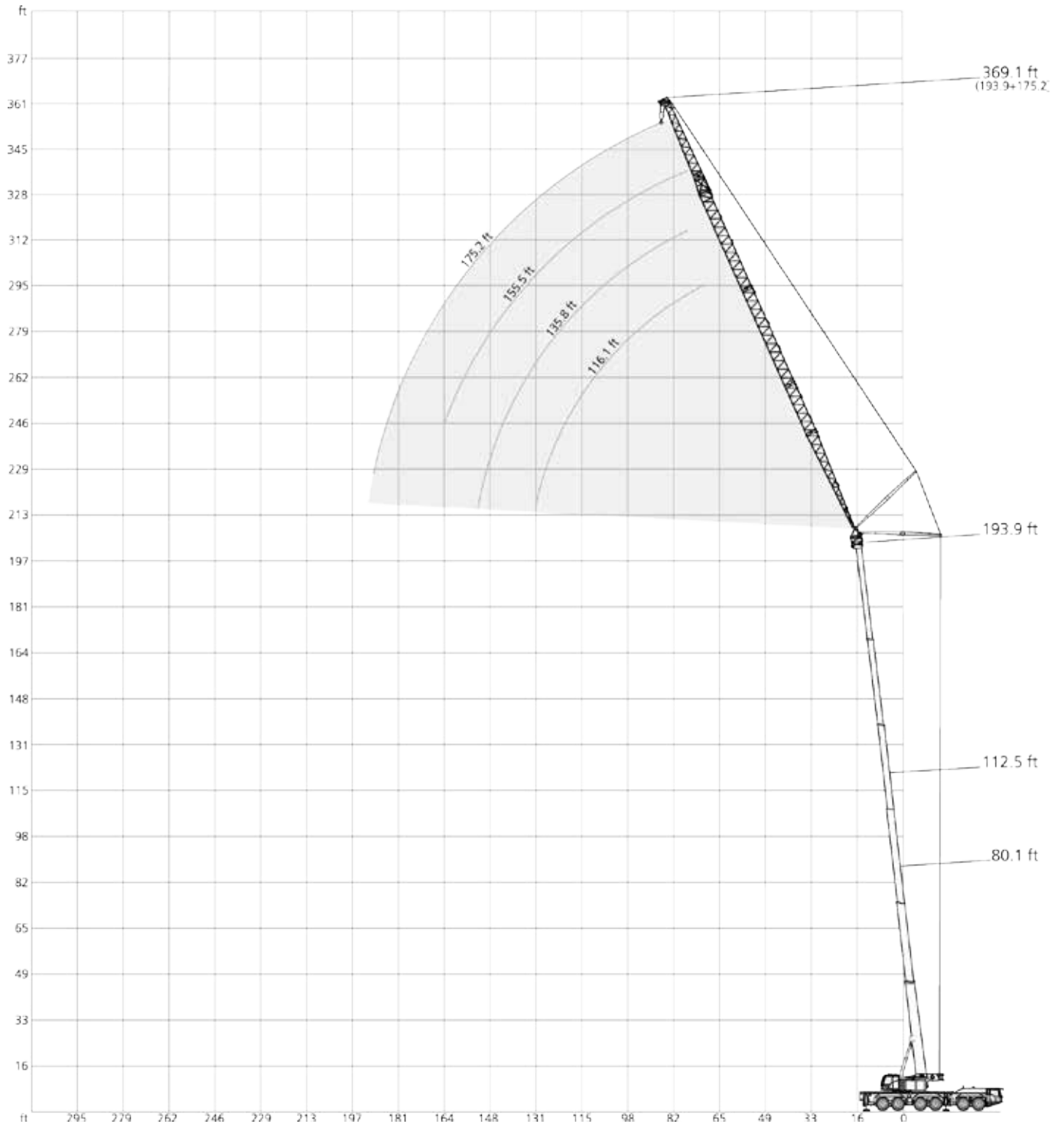
85,800 lb 109,800 lb 158,300 lb

360°													85%								
145.0 ft																					
147.6 ft													167.3 ft			187.0 ft			206.7 ft		
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°		
ft	1,000 lb											ft									
64	12.7	-	-	-	-	-	-	-	-	-	-	-	64								
72	12.4	-	-	11.2	-	-	-	-	-	-	-	-	72								
80	11.8	-	-	10.8	-	-	9.7	-	-	-	-	8.3	80								
88	11.4	-	-	10.5	-	-	9.4	-	-	-	-	8.1	88								
96	11.0	-	-	10.2	-	-	9.1	-	-	-	-	7.9	96								
104	10.6	-	-	10.0	-	-	9.0	-	-	-	-	7.7	104								
112	10.3	-	-	9.7	-	-	8.8	-	-	-	-	7.7	112								
120	9.9	10.5	-	9.4	-	-	8.5	-	-	-	-	7.5	120								
128	9.6	10.2	-	9.3	9.5	-	8.4	-	-	-	-	7.4	128								
136	9.3	10.0	-	8.9	9.3	-	8.2	-	-	-	-	7.3	136								
144	8.8	9.7	-	8.8	9.1	-	8.2	8.2	-	-	-	7.1	144								
152	8.5	9.4	-	8.6	8.8	-	7.9	8.1	-	-	-	7.0	152								
160	-	9.2	9.6	8.4	8.7	-	7.9	7.9	-	-	-	6.8	160								
168	-	8.9	9.3	8.2	8.5	-	7.7	7.9	-	-	-	6.8	168								
176	-	8.6	9.1	8.2	8.4	8.6	7.7	7.7	-	-	-	6.8	176								
184	-	-	8.8	-	8.3	8.4	7.7	7.5	7.7	-	-	6.7	184								
192	-	-	8.6	-	8.1	8.2	-	7.5	7.5	7.7	-	6.6	192								
200	-	-	8.4	-	8.0	8.2	-	7.5	7.3	7.3	-	6.6	200								
208	-	-	-	-	8.1	8.1	-	7.5	7.3	7.3	-	6.6	208								
216	-	-	-	-	-	7.9	-	7.5	7.3	7.3	-	6.6	216								
224	-	-	-	-	-	-	-	-	7.3	7.3	-	6.4	224								
232	-	-	-	-	-	-	-	-	-	7.3	-	6.4	232								
240	-	-	-	-	-	-	-	-	-	7.3	-	6.4	240								
248	-	-	-	-	-	-	-	-	-	-	-	6.4	248								

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

85,800 lb 109,800 lb 158,300 lb 206,800 lb

 * 161.4 ft



360°													85%
80.1 ft													
116.1 ft													
135.8 ft													
155.5 ft													
175.2 ft													
ft	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	ft
1,000 lb													ft
48	36.2	-	-	30.1	-	-	-	-	-	-	-	-	48
56	33.8	-	-	29.3	-	-	23.1	-	-	18.1	-	-	56
64	31.0	-	-	28.6	-	-	22.6	-	-	17.5	-	-	64
72	28.1	-	-	27.6	-	-	22.3	-	-	17.2	-	-	72
80	25.6	30.0	-	26.2	-	-	21.7	-	-	16.9	-	-	80
88	23.4	27.4	-	24.8	26.3	-	21.3	-	-	16.6	-	-	88
96	21.7	25.1	-	23.3	25.4	-	20.9	20.7	-	16.2	-	-	96
104	20.0	23.0	25.8	22.0	24.2	-	20.5	20.1	-	15.9	15.7	-	104
112	18.7	21.3	23.7	20.7	22.8	-	20.3	19.8	-	15.6	15.4	-	112
120	-	19.7	21.9	19.4	21.5	23.3	19.9	19.4	-	15.4	14.9	-	120
128	-	18.5	20.3	18.5	20.3	21.9	19.1	19.3	18.8	15.1	14.7	-	128
136	-	-	19.0	-	19.2	20.7	18.4	18.9	18.4	14.9	14.5	14.3	136
144	-	-	17.9	-	18.3	19.5	17.7	18.5	18.1	14.6	14.3	14.1	144
152	-	-	-	-	-	18.6	17.1	18.2	18.1	14.5	14.1	13.9	152
160	-	-	-	-	-	17.7	-	17.6	18.0	14.2	14.1	13.7	160
168	-	-	-	-	-	-	-	-	17.7	13.9	14.1	13.6	168
176	-	-	-	-	-	-	-	-	17.3	-	14.1	13.4	176
184	-	-	-	-	-	-	-	-	-	-	14.1	13.4	184
192	-	-	-	-	-	-	-	-	-	-	-	13.4	192
200	-	-	-	-	-	-	-	-	-	-	-	13.4	200

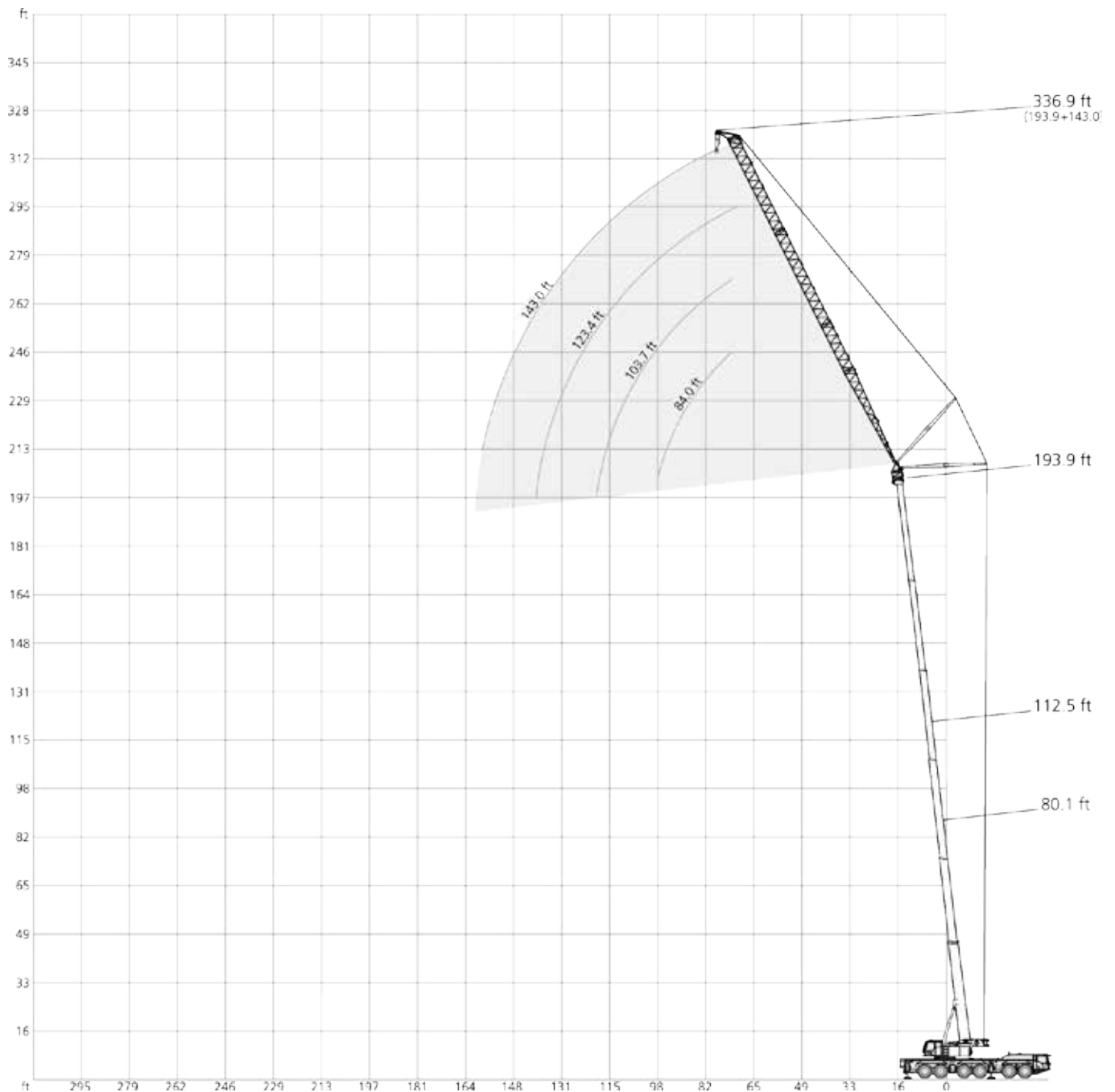
112.5 ft													
116.1 ft													
135.8 ft													
155.5 ft													
175.2 ft													
ft	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	ft
1,000 lb													ft
48	33.2	-	-	-	-	-	-	-	-	-	-	-	48
56	32.2	-	-	25.9	-	-	20.3	-	-	-	-	-	56
64	30.7	-	-	25.5	-	-	20.0	-	-	15.4	-	-	64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

58,800 lb 85,800 lb 109,800 lb 158,300 lb

360°													85%								
145.0 ft																					
116.1 ft													135.8 ft			155.5 ft			175.2 ft		
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°		
ft	1,000 lb											ft									
56	26.9	-	-	-	-	-	-	-	-	-	-	-	56								
64	26.5	-	-	21.1	-	-	-	-	-	-	-	-	64								
72	26.2	-	-	20.7	-	-	16.8	-	-	-	-	-	72								
80	25.2	-	-	20.5	-	-	16.5	-	-	-	-	-	80								
88	24.2	-	-	20.2	-	-	16.2	-	-	-	-	-	88								
96	22.8	-	-	20.1	-	-	16.0	-	-	-	-	-	96								
104	21.3	-	-	19.9	-	-	15.9	-	-	-	-	-	104								
112	20.0	23.6	-	19.8	-	-	15.6	-	-	-	-	-	112								
120	18.7	22.9	-	19.4	18.9	-	15.4	-	-	-	-	-	120								
128	-	21.7	-	18.6	18.6	-	15.3	14.9	-	-	-	-	128								
136	-	20.4	-	18.0	18.5	-	15.2	14.6	-	-	-	-	136								
144	-	19.2	-	17.2	18.3	-	15.0	14.3	-	-	-	-	144								
152	-	-	21.0	-	18.2	-	15.0	14.3	-	-	-	-	152								
160	-	-	19.7	-	17.8	17.3	14.8	14.2	-	-	-	-	160								
168	-	-	-	-	-	17.2	-	14.1	13.7	-	-	-	168								
176	-	-	-	-	-	17.2	-	14.1	13.5	-	-	-	176								
184	-	-	-	-	-	17.1	-	14.1	13.4	-	-	-	184								
192	-	-	-	-	-	-	-	-	13.4	-	-	-	192								
200	-	-	-	-	-	-	-	-	13.4	-	-	-	200								
208	-	-	-	-	-	-	-	-	-	-	-	-	208								
216	-	-	-	-	-	-	-	-	-	-	-	-	216								
224	-	-	-	-	-	-	-	-	-	-	-	-	224								

193.9 ft																					
116.1 ft													135.8 ft			155.5 ft			175.2 ft		
83° 73° 65°													83° 73° 65°			83° 73° 65°			83° 73° 65°		
ft	1,000 lb											ft									
72	15.0	-	-	-	-	-	-	-	-	-	-	-	72								
80	14.8	-	-	11.7	-	-	9.0	-	-	-	-	-	80								
88	14.8	-	-	11.6	-	-	8.9	-	-	-	-	-	88								
96	14.8	-	-	11.5	-	-	8.8	-	-	-	-	-	96								
104	14.6	-	-	11.5	-	-	8.8	-	-	-	-	-	104								
112	14.5	-	-	11.5	-	-	8.8	-	-	-	-	-	112								
120	14.3	-	-	11.5	-	-	8.8	-	-	-	-	-	120								
128	14.2	-	-	11.4	-	-	8.8	-	-	-	-	-	128								
136	-	-	-	11.2	-	-	8.8	-	-	-	-	-	136								
144	-	13.2	-	11.2	-	-	8.8	-	-	-	-	-	144								
152	-	12.7	-	-	10.8	-	8.8	-	-	-	-	-	152								
160	-	12.2	-	-	10.5	-	8.6	8.4	-	-	-	-	160								
168	-	-	-	-	10.2	-	-	8.3	-	-	-	-	168								
176	-	-	-	-	9.8	-	-	8.2	-	-	-	-	176								
184	-	-	8.7	-	-	-	-	7.9	-	-	-	-	184								
192	-	-	-	-	-	-	-	7.7	-	-	-	-	192								
200	-	-	-	-	-	6.7	-	7.4	-	-	-	-	200								
208	-	-	-	-	-	-	-	-	-	-	-	-	208								
216	-	-	-	-	-	-	-	-	-	-	-	-	216								
224	-	-	-	-	-	-	-	-	-	-	-	-	224								
232	-	-	-	-	-	-	-	-	-	-	-	-	232								
240	-	-	-	-	-	-	-	-	-	-	-	-	240								

- 58,800 lb
- 85,800 lb
- 109,800 lb
- 158,300 lb
- 206,800 lb



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

- 42,300 lb
- 58,800 lb
- 85,800 lb
- 109,800 lb
- 158,300 lb
- 206,800 lb

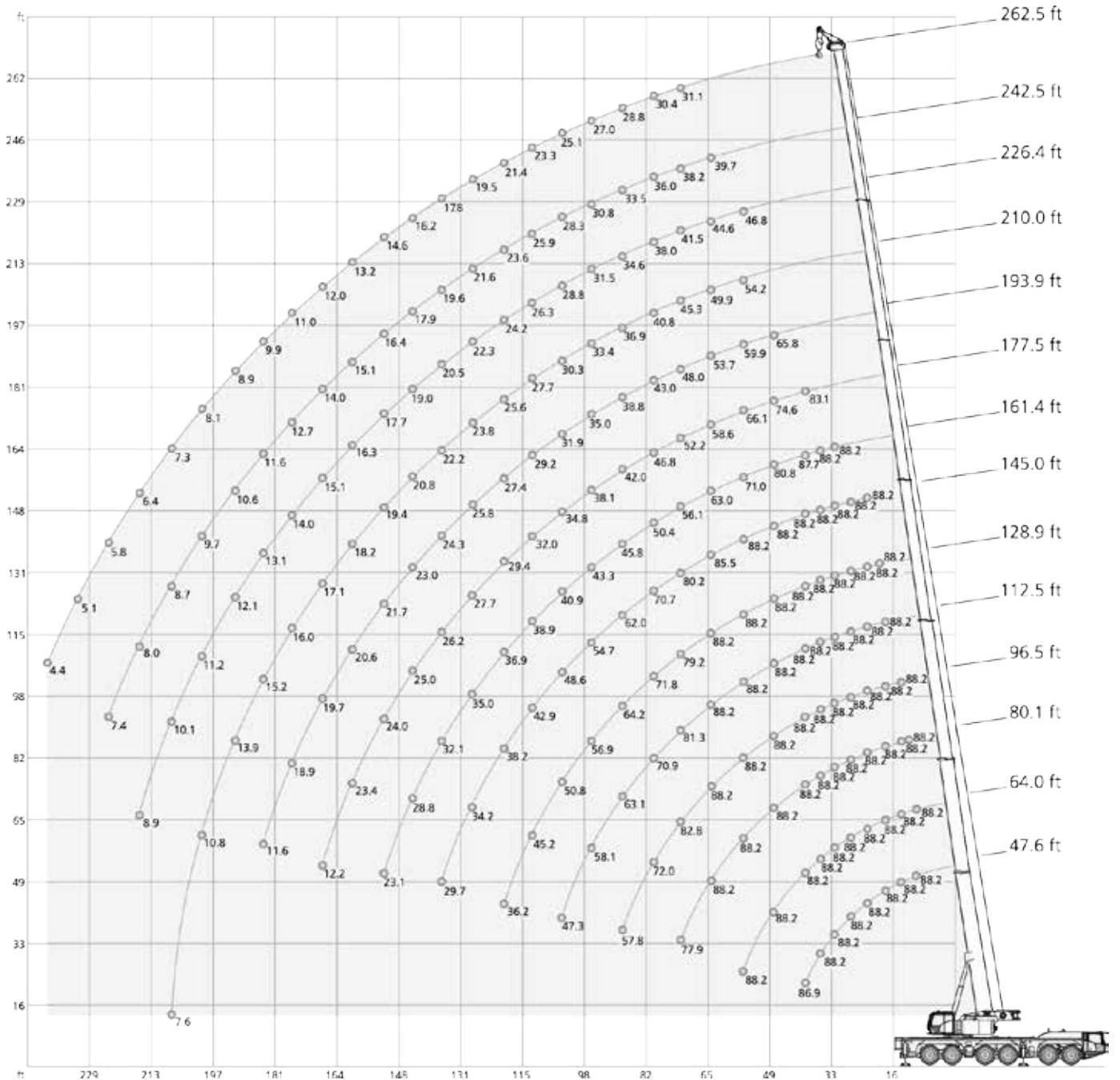
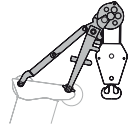
360°													85%
112.5 ft													
ft	84.0 ft			103.7 ft			123.4 ft			143.0 ft			ft
	83°	73°	65°	83°	73°	65°	83°	73°	65°	83°	73°	65°	
1,000 lb													ft
48	53.0	-	-	40.1	-	-	-	-	-	-	-	-	48
56	51.8	-	-	39.0	-	-	30.4	-	-	23.4	-	-	56
64	51.0	-	-	38.1	-	-	29.7	-	-	22.8	-	-	64
72	50.7	-	-	37.5	-	-	28.9	-	-	22.3	-	-	72
80	49.9	-	-	37.0	-	-	28.4	-	-	22.0	-	-	80
88	48.4	44.7	-	36.6	34.8	-	28.0	-	-	21.4	-	-	88
96	-	44.2	-	36.0	34.1	-	27.6	26.8	-	21.0	-	-	96
104	-	44.1	-	35.0	33.6	-	27.2	26.1	-	20.8	20.3	-	104
112	-	-	40.8	-	33.3	-	26.7	25.8	-	20.3	19.8	-	112
120	-	-	40.8	-	33.3	31.4	26.3	25.4	-	20.0	19.6	-	120
128	-	-	-	-	33.3	31.1	25.6	25.4	24.5	19.6	19.3	-	128
136	-	-	-	-	-	31.1	-	25.4	23.9	19.2	19.0	-	136
144	-	-	-	-	-	31.1	-	25.4	23.8	19.0	18.8	18.3	144
152	-	-	-	-	-	-	-	-	23.6	-	18.7	18.0	152
160	-	-	-	-	-	-	-	-	23.6	-	18.7	17.9	160
168	-	-	-	-	-	-	-	-	-	-	-	17.9	168
176	-	-	-	-	-	-	-	-	-	-	-	17.9	176

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







42,300 lb 58,800 lb 85,800 lb 109,800 lb 158,300 lb 206,800 lb







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

- 42,300 lb
- 58,800 lb
- 85,800 lb
- 109,800 lb
- 158,300 lb
- 206,800 lb













206,800 lb		28.5 ft x 27.8 ft										5.25 ft		360°		85%	
		(ft)															
		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5		
ft		1,000 lb														ft	
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
12	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	12
14	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	14
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	16
18	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	18
20	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	20
24	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	24
28	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	28
32	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	32
36	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	36
40	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	87.7	83.1	-	-	-	-	-	-	40
48	-	88.2	88.2	88.2	88.2	88.2	88.2	88.2	80.8	74.6	65.8	-	-	-	-	-	48
56	-	88.2	88.2	88.2	88.2	88.2	88.2	88.2	71.0	66.1	59.9	54.2	46.8	-	-	-	56
64	-	-	88.2	88.2	88.2	88.2	88.2	85.5	63.0	58.6	53.7	49.9	44.6	39.7	-	-	64
72	-	-	-	77.9	82.8	81.3	79.2	80.2	56.1	52.2	48.0	45.3	41.5	38.2	31.1	-	72
80	-	-	-	-	72.0	70.9	71.8	70.7	50.4	46.8	43.0	40.8	38.0	36.0	30.4	-	80
88	-	-	-	-	57.8	63.1	64.2	62.0	45.8	42.0	38.8	36.9	34.6	33.5	28.8	-	88
96	-	-	-	-	-	58.1	56.9	54.7	43.3	38.1	35.0	33.4	31.5	30.8	27.0	-	96
104	-	-	-	-	-	47.3	50.8	48.6	40.9	34.8	31.9	30.3	28.8	28.3	25.1	-	104
112	-	-	-	-	-	-	45.2	42.9	38.9	32.0	29.2	27.7	26.3	25.9	23.3	-	112
120	-	-	-	-	-	-	36.2	38.2	36.9	29.4	27.4	25.6	24.2	23.6	21.4	-	120
128	-	-	-	-	-	-	19.6	34.2	35.0	27.7	25.8	23.8	22.3	21.6	19.5	-	128
136	-	-	-	-	-	-	-	29.7	32.1	26.2	24.3	22.2	20.5	19.6	17.8	-	136
144	-	-	-	-	-	-	-	15.5	28.8	25.0	23.0	20.8	19.0	17.9	16.2	-	144
152	-	-	-	-	-	-	-	-	23.1	24.0	21.7	19.4	17.7	16.4	14.6	-	152
160	-	-	-	-	-	-	-	-	15.3	23.4	20.6	18.2	16.3	15.1	13.2	-	160
168	-	-	-	-	-	-	-	-	-	12.2	19.7	17.1	15.1	14.0	12.0	-	168
176	-	-	-	-	-	-	-	-	-	11.4	18.9	16.0	14.0	12.7	11.0	-	176
184	-	-	-	-	-	-	-	-	-	-	11.6	15.2	13.1	11.6	9.9	-	184
192	-	-	-	-	-	-	-	-	-	-	-	13.9	12.1	10.6	8.9	-	192
200	-	-	-	-	-	-	-	-	-	-	-	10.8	11.2	9.7	8.1	-	200
208	-	-	-	-	-	-	-	-	-	-	-	-	7.6	10.1	8.7	7.3	208
216	-	-	-	-	-	-	-	-	-	-	-	-	7.1	8.9	8.0	6.4	216
224	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	5.8	5.8	224
232	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.1	5.1	232
240	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.4	4.4	240

 109,800 lb		 28.5 ft x 27.8 ft										 5.25 ft				360°		85%
 		(ft)																
ft		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft		
		1,000 lb																
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14		
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	16		
18	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18		
20	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20		
24	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24		
28	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	28		
32	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	32		
36	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	36		
40	86.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	87.7	83.1	-	-	-	-	-	40		
48	-	87.9	88.2	88.0	87.6	88.2	87.4	80.8	74.6	65.8	-	-	-	-	-	48		
56	-	79.3	80.3	79.7	80.3	80.2	77.5	71.0	66.1	59.9	54.2	46.8	-	-	-	56		
64	-	-	65.5	67.4	66.5	64.6	61.9	59.9	57.7	53.7	49.9	44.6	39.7	-	-	64		
72	-	-	55.6	55.8	54.7	52.7	52.2	51.9	48.9	47.1	45.3	41.5	38.2	31.1	-	72		
80	-	-	-	46.9	46.0	44.1	45.5	43.4	41.1	41.0	39.7	38.0	36.0	30.4	-	80		
88	-	-	-	40.1	39.1	39.9	39.0	37.2	37.1	36.4	35.6	33.8	33.2	28.8	-	88		
96	-	-	-	-	35.1	35.3	33.5	33.1	32.2	32.1	31.5	30.2	28.7	27.0	-	96		
104	-	-	-	-	31.8	30.7	29.8	29.6	29.4	28.6	27.5	25.7	25.0	23.6	-	104		
112	-	-	-	-	-	26.7	26.8	25.6	25.6	24.9	23.6	21.6	21.6	19.6	-	112		
120	-	-	-	-	-	23.5	24.2	23.3	22.4	21.5	20.2	18.3	18.3	16.3	-	120		
128	-	-	-	-	-	19.6	21.1	20.9	20.0	18.6	17.2	15.3	15.3	13.4	-	128		
136	-	-	-	-	-	-	18.6	18.4	17.5	16.0	14.7	12.7	12.7	10.9	-	136		
144	-	-	-	-	-	-	15.5	16.4	15.3	13.8	12.4	10.5	10.5	8.7	-	144		
152	-	-	-	-	-	-	-	14.5	13.4	11.9	10.4	8.6	8.6	6.8	-	152		
160	-	-	-	-	-	-	-	12.7	11.6	10.1	8.8	6.8	6.8	5.0	-	160		
168	-	-	-	-	-	-	-	-	10.1	8.6	7.2	5.3	5.3	-	-	168		
176	-	-	-	-	-	-	-	-	8.8	7.3	5.7	3.9	3.9	-	-	176		
184	-	-	-	-	-	-	-	-	-	6.0	4.6	-	-	-	-	184		

 42,300 lb		 28.5 ft x 27.8 ft										 5.25 ft				360°		85%
 		(ft)																
ft		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft		
		1,000 lb																
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14		
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	16		
18	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18		
20	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20		
24	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24		
28	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	28		
32	88.2	88.2	88.2	88.2	88.2	88.2	88.2	87.2	-	-	-	-	-	-	-	32		
36	83.5	86.0	87.9	88.2	86.6	84.2	81.5	79.6	-	-	-	-	-	-	-	36		
40	76.5	81.7	85.5	86.2	83.1	78.5	74.5	70.7	68.6	-	-	-	-	-	-	40		
48	-	59.7	62.3	62.5	62.4	61.2	59.0	57.4	55.3	53.5	48.8	-	-	-	-	48		
56	-	44.5	46.9	47.2	48.9	48.2	47.3	47.1	45.6	42.3	39.4	35.7	-	-	-	56		
64	-	-	36.7	38.8	38.6	38.8	38.7	37.9	36.7	33.9	31.5	28.1	27.4	-	-	64		
72	-	-	29.9	31.0	31.7	31.6	31.2	30.4	29.3	27.3	24.8	21.7	20.9	17.3	-	72		
80	-	-	-	25.2	26.1	25.7	25.4	24.3	23.2	21.5	19.3	16.5	15.6	12.3	-	80		
88	-	-	-	20.5	21.5	21.0	20.7	19.6	18.5	16.7	15.0	12.2	11.4	8.3	-	88		
96	-	-	-	-	17.6	17.2	16.8	15.8	14.6	13.0	11.4	8.7	8.0	5.1	-	96		
104	-	-	-	-	14.5	14.0	13.6	12.5	11.4	9.8	8.3	5.8	5.4	-	-	104		
112	-	-	-	-	-	11.5	11.1	10.0	8.9	7.4	5.8	-	-	-	-	112		
120	-	-	-	-	-	9.3	8.8	7.9	6.8	5.2	3.7	-	-	-	-	120		
128	-	-	-	-	-	7.5	7.0	5.9	4.8	3.3	-	-	-	-	-	128		
136	-	-	-	-	-	-	5.4	4.3	3.2	-	-	-	-	-	-	136		
144	-	-	-	-	-	-	4.0	2.9	-	-	-	-	-	-	-	144		

206,800 lb		28.5 ft x 27.8 ft					15.1 ft					360°			85%		
		(ft)															
		1,000 lb															
ft		47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft	
10		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	10	
12		88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12	
14		88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14	
16		88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	16	
18		84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18	
20		80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20	
24		69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24	
28		60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	28	
32		53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	32	
36		48.2	59.0	68.4	75.8	79.7	82.0	78.7	77.4	-	-	-	-	-	-	36	
40		43.2	53.3	61.6	69.4	74.2	77.0	74.1	73.8	68.9	-	-	-	-	-	40	
48		35.7	45.0	52.3	58.8	64.3	67.3	66.1	67.2	64.8	58.2	-	-	-	-	48	
56		-	38.6	45.6	51.2	56.0	59.9	59.7	61.2	60.5	55.7	48.6	-	-	-	56	
64		-	33.6	40.3	45.4	49.6	53.3	54.2	56.1	55.5	51.7	46.4	41.4	-	-	64	
72		-	-	35.6	40.9	44.9	48.0	49.3	51.7	50.2	46.8	42.6	39.3	35.5	-	72	
80		-	-	32.2	36.9	40.9	44.0	45.3	47.2	45.4	42.1	38.9	36.8	33.9	27.7	80	
88		-	-	-	33.7	37.7	40.6	42.0	43.2	40.8	38.0	35.2	33.6	31.9	26.9	88	
96		-	-	-	31.2	34.6	37.6	39.2	39.8	36.6	34.3	31.8	30.8	29.8	25.5	96	
104		-	-	-	24.2	32.0	35.1	36.7	36.6	33.4	31.0	29.0	27.9	27.4	24.0	104	
112		-	-	-	-	30.1	32.7	34.5	33.6	30.7	28.3	26.3	25.7	25.2	22.2	112	
120		-	-	-	-	17.2	30.9	32.6	30.9	28.3	25.9	24.2	23.4	23.1	20.6	120	
128		-	-	-	-	-	29.3	31.0	29.2	26.0	24.0	22.5	21.6	21.2	19.0	128	
136		-	-	-	-	-	16.9	29.6	27.9	24.0	22.6	20.9	20.0	19.3	17.3	136	
144		-	-	-	-	-	-	26.0	26.9	22.3	21.2	19.5	18.4	17.7	15.9	144	
152		-	-	-	-	-	-	13.6	25.7	21.3	20.1	18.2	17.0	16.1	14.4	152	
160		-	-	-	-	-	-	-	21.6	20.6	19.1	17.1	15.8	14.8	13.0	160	
168		-	-	-	-	-	-	-	-	19.4	18.1	16.0	14.7	13.5	11.8	168	
176		-	-	-	-	-	-	-	-	17.7	17.3	14.9	13.6	12.3	10.7	176	
184		-	-	-	-	-	-	-	-	9.8	16.6	14.1	12.6	11.3	9.7	184	
192		-	-	-	-	-	-	-	-	-	10.2	13.3	11.7	10.4	8.6	192	
200		-	-	-	-	-	-	-	-	-	9.7	12.6	10.8	9.4	7.8	200	
208		-	-	-	-	-	-	-	-	-	-	7.2	10.0	8.6	7.0	208	
216		-	-	-	-	-	-	-	-	-	-	6.6	9.3	7.8	6.2	216	
224		-	-	-	-	-	-	-	-	-	-	6.0	6.5	6.8	5.5	224	
232		-	-	-	-	-	-	-	-	-	-	-	-	6.1	4.9	232	
240		-	-	-	-	-	-	-	-	-	-	-	-	5.0	4.2	240	
248		-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	248	

 109,800 lb		 28.5 ft x 27.8 ft		 15.1 ft		360°		85%									
 ft		(ft)														 ft	
ft		1,000 lb														ft	
ft	47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft		
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14		
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	16		
18	84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18		
20	80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20		
24	69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24		
28	60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	28		
32	53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	32		
36	48.2	59.0	68.4	75.8	79.7	82.0	78.7	77.4	-	-	-	-	-	-	36		
40	43.2	53.3	61.6	69.4	74.2	77.0	74.1	73.8	68.9	-	-	-	-	-	40		
48	35.7	45.0	52.3	58.8	64.3	67.3	66.1	67.2	64.8	58.2	-	-	-	-	48		
56	-	38.6	45.6	51.2	56.0	59.9	59.7	61.2	60.5	55.7	48.6	-	-	-	56		
64	-	33.6	40.3	45.4	49.6	53.3	54.2	56.1	55.5	51.7	46.4	41.4	-	-	64		
72	-	-	35.6	40.9	44.9	48.0	49.3	49.1	48.6	46.2	42.6	39.3	35.5	-	72		
80	-	-	32.2	36.9	40.7	42.9	43.8	41.3	40.3	40.4	38.4	36.8	33.9	27.7	80		
88	-	-	-	33.6	36.9	37.9	36.8	36.5	35.3	34.2	33.7	32.6	31.9	26.9	88		
96	-	-	-	31.1	33.5	33.8	33.0	31.4	31.6	31.3	30.4	29.5	28.2	25.5	96		
104	-	-	-	24.2	29.4	29.8	28.8	28.2	27.8	27.0	26.8	25.1	24.3	22.5	104		
112	-	-	-	-	26.8	26.7	25.8	25.4	25.2	24.5	23.0	21.0	21.0	18.8	112		
120	-	-	-	-	17.2	23.3	22.8	22.1	21.8	21.1	19.6	17.6	17.6	15.6	120		
128	-	-	-	-	-	20.5	20.8	20.4	19.6	18.1	16.7	14.8	14.8	12.8	128		
136	-	-	-	-	-	16.9	18.4	18.2	17.1	15.5	14.2	12.2	12.2	10.2	136		
144	-	-	-	-	-	-	16.4	15.9	14.9	13.3	11.8	10.0	9.8	8.0	144		
152	-	-	-	-	-	-	13.6	14.1	13.0	11.4	9.9	7.9	7.9	6.0	152		
160	-	-	-	-	-	-	-	12.3	11.2	9.6	8.1	6.3	6.2	4.3	160		
168	-	-	-	-	-	-	-	-	9.7	8.1	6.6	4.8	4.6	-	168		
176	-	-	-	-	-	-	-	-	8.4	6.6	5.3	3.3	3.3	-	176		
184	-	-	-	-	-	-	-	-	7.0	5.5	4.0	-	-	-	184		
192	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	192		
200	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	200		

 42,300 lb		 28.5 ft x 27.8 ft		 15.1 ft		360°		85%									
 ft		(ft)														 ft	
ft		1,000 lb														ft	
ft	47.6	64.0	80.1	96.5	112.5	128.9	145.0	161.4	177.5	193.9	210.0	226.4	242.5	262.5	ft		
10	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	10		
12	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	-	12		
14	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	-	14		
16	88.2	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	16		
18	84.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	-	18		
20	80.5	87.9	88.2	88.2	88.2	-	-	-	-	-	-	-	-	-	20		
24	69.7	83.0	88.1	88.2	88.2	88.2	-	-	-	-	-	-	-	-	24		
28	60.8	73.5	84.2	87.0	88.2	88.2	87.1	-	-	-	-	-	-	-	28		
32	53.6	65.3	75.8	82.2	85.2	86.5	83.4	-	-	-	-	-	-	-	32		
36	48.2	59.0	68.4	75.8	79.5	78.6	77.1	72.4	-	-	-	-	-	-	36		
40	43.2	53.3	61.6	69.3	73.2	73.1	71.6	67.4	64.6	-	-	-	-	-	40		
48	35.7	45.0	52.1	57.3	60.0	60.4	57.3	55.4	52.3	49.9	-	-	-	-	48		
56	-	38.6	44.5	47.4	47.8	47.0	47.0	45.4	44.4	41.1	38.2	-	-	-	56		
64	-	33.4	37.0	37.8	38.4	37.7	38.2	37.7	36.0	33.0	30.3	27.2	-	-	64		
72	-	-	30.1	31.4	31.2	31.4	31.2	30.1	28.8	26.6	23.9	20.6	19.8	-	72		
80	-	-	25.0	25.7	25.9	25.7	25.2	24.1	22.8	20.8	18.5	15.4	14.5	11.0	80		
88	-	-	-	20.9	21.6	21.0	20.5	19.3	18.0	16.3	14.2	11.2	10.4	7.2	88		
96	-	-	-	17.2	17.7	17.2	16.7	15.4	14.3	12.5	10.7	7.8	7.1	4.0	96		
104	-	-	-	14.0	14.5	14.0	13.4	12.3	11.0	9.4	7.6	5.0	4.3	-	104		
112	-	-	-	-	11.8	11.3	10.9	9.6	8.5	6.9	5.2	-	-	-	112		
120	-	-	-	-	9.7	9.2	8.6	7.5	6.3	4.6	-	-	-	-	120		
128	-	-	-	-	-	7.3	6.7	5.6	4.4	-	-	-	-	-	128		
136	-	-	-	-	-	5.8	5.2	3.9	2.8	-	-	-	-	-	136		
144	-	-	-	-	-	-	3.8	2.5	-	-	-	-	-	-	144		