

** Capacity class

93,000 lb		25.3 ft x 23.0 ft												360°		85%	
		41.0 ft*	41.0 ft	54.5 ft	67.9 ft	81.4 ft	94.8 ft	108.3 ft	121.7 ft	135.2 ft	148.6 ft	162.1 ft	175.5 ft	196.2 ft			
ft	1,000 lb														ft		
10	280.0**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	
10	200.7	200.7	195.2	190.2	168.3	-	-	-	-	-	-	-	-	-	-	10	
12	182.8	182.6	177.8	173.5	164.9	128.9	-	-	-	-	-	-	-	-	-	12	
14	167.6	166.5	163.2	159.0	155.4	128.0	-	-	-	-	-	-	-	-	-	14	
16	154.6	151.9	150.8	146.7	143.2	126.7	98.3	-	-	-	-	-	-	-	-	16	
18	143.4	140.0	140.3	136.7	133.3	124.2	97.5	-	-	-	-	-	-	-	-	18	
20	132.8	129.1	130.4	127.3	124.0	120.7	96.7	79.3	-	-	-	-	-	-	-	20	
24	113.9	111.7	113.2	112.4	109.4	108.4	94.8	77.7	61.6	-	-	-	-	-	-	24	
28	94.3	94.2	99.6	99.7	97.6	96.8	91.3	73.6	60.8	48.6	-	-	-	-	-	28	
32	-	-	88.5	88.7	88.4	87.3	84.5	68.7	58.6	48.2	39.1	-	-	-	-	32	
36	-	-	78.8	79.5	80.3	79.3	77.3	63.4	55.4	46.9	38.9	32.0	-	-	-	36	
40	-	-	65.5	70.7	72.3	71.6	70.3	58.1	52.1	45.3	38.6	31.9	23.1	-	-	40	
48	-	-	-	58.0	59.0	58.3	57.2	49.3	45.4	40.7	36.3	31.4	23.1	23.1	-	48	
56	-	-	-	40.3	49.3	48.6	47.4	42.6	39.3	36.3	33.1	29.8	23.1	23.1	-	56	
64	-	-	-	-	41.4	40.4	38.9	37.8	34.0	32.0	29.8	27.9	23.0	23.0	-	64	
72	-	-	-	-	25.4	33.7	32.1	33.4	29.8	28.1	26.7	25.6	22.1	22.1	-	72	
80	-	-	-	-	-	27.4	28.9	28.4	26.7	24.9	23.9	23.2	20.7	20.7	-	80	
88	-	-	-	-	-	15.7	25.7	24.3	23.6	22.2	21.5	20.9	19.0	19.0	-	88	
96	-	-	-	-	-	-	19.4	21.0	21.3	20.1	19.3	18.9	17.2	17.2	-	96	
104	-	-	-	-	-	-	15.3	18.2	18.6	17.4	17.6	17.2	15.6	15.6	-	104	
112	-	-	-	-	-	-	-	12.3	16.4	16.0	15.8	15.1	14.3	14.3	-	112	
120	-	-	-	-	-	-	-	-	14.1	14.1	13.7	13.4	12.8	12.8	-	120	
128	-	-	-	-	-	-	-	-	11.7	12.5	11.9	12.1	11.1	11.1	-	128	
136	-	-	-	-	-	-	-	-	-	10.7	10.3	10.7	9.6	9.6	-	136	
144	-	-	-	-	-	-	-	-	-	-	9.7	9.3	8.2	8.2	-	144	
152	-	-	-	-	-	-	-	-	-	-	-	8.0	6.9	6.9	-	152	
160	-	-	-	-	-	-	-	-	-	-	-	6.9	5.9	5.9	-	160	
168	-	-	-	-	-	-	-	-	-	-	-	-	5.0	5.0	-	168	
176	-	-	-	-	-	-	-	-	-	-	-	-	4.1	4.1	-	176	
1)	34.6	34.6	25.1	19.4	15.0	11.9	9.0	7.1	4.9	2.9	-	-	-	-	-	1)	

1) Capacities with horizontal boom

* over rear

** Capacity class

		69,700 lb		25.3 ft x 23.0 ft		360° / Max.*								85%		
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
		41.0 ft	41.0 ft	54.5 ft	54.5 ft	67.9 ft	67.9 ft	81.4 ft	81.4 ft	94.8 ft	94.8 ft	108.3 ft	108.3 ft			
		1,000 lb														
ft																ft
10		200.7	200.7	195.2	195.2	190.2	190.2	168.3	168.3	-	-	-	-	-	10	
12		181.8	182.6	177.8	177.9	173.5	173.5	164.9	164.9	128.9	128.9	-	-	-	12	
14		164.7	166.5	163.2	163.2	159.0	159.0	155.4	155.4	128.0	128.0	-	-	-	14	
16		150.3	151.9	150.8	150.8	146.7	146.7	143.2	143.2	126.7	126.7	98.3	98.3	-	16	
18		138.5	140.0	139.7	140.3	136.7	136.7	133.3	133.3	124.2	124.2	97.5	97.5	-	18	
20		127.6	129.1	129.1	130.4	127.3	127.3	124.0	124.0	120.7	120.7	96.7	96.7	-	20	
24		110.4	111.7	112.0	113.2	112.1	112.3	109.4	109.4	108.4	108.4	94.8	94.8	-	24	
28		93.7	94.2	97.6	99.6	97.8	99.6	96.8	97.6	96.8	96.8	91.3	91.3	-	28	
32		-	-	84.7	87.9	84.9	88.0	86.3	88.4	85.7	87.3	84.0	84.5	-	32	
36		-	-	74.7	77.5	75.1	77.6	76.6	78.9	75.9	77.9	74.8	75.9	-	36	
40		-	-	61.3	63.2	67.0	67.9	67.6	69.4	66.9	68.7	65.7	67.4	-	40	
48		-	-	-	-	52.9	56.4	52.7	56.2	51.6	55.3	50.0	54.0	-	48	
56		-	-	-	-	36.8	39.1	41.3	46.0	40.3	45.1	38.8	43.7	-	56	
64		-	-	-	-	-	-	33.4	37.7	32.5	36.8	33.5	35.5	-	64	
72		-	-	-	-	-	-	25.4	25.4	28.5	30.6	27.9	31.6	-	72	
80		-	-	-	-	-	-	-	-	24.3	25.6	23.5	27.1	-	80	
88		-	-	-	-	-	-	-	-	15.7	15.7	20.2	23.4	-	88	
96		-	-	-	-	-	-	-	-	-	-	17.7	18.6	-	96	
104		-	-	-	-	-	-	-	-	-	-	15.3	15.3	-	104	
1)		34.6	34.6	25.1	25.1	19.4	19.4	15.0	15.0	11.9	11.9	9.0	9.0	1)		

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.			
		121.7 ft	121.7 ft	135.2 ft	135.2 ft	148.6 ft	148.6 ft	162.1 ft	162.1 ft	175.5 ft	175.5 ft	196.2 ft	196.2 ft			
		1,000 lb														
ft																ft
20		79.3	79.3	-	-	-	-	-	-	-	-	-	-	-	20	
24		77.7	77.7	61.6	61.6	-	-	-	-	-	-	-	-	-	24	
28		73.6	73.6	60.8	60.8	48.6	48.6	-	-	-	-	-	-	-	28	
32		68.7	68.7	58.6	58.6	48.2	48.2	39.1	39.1	-	-	-	-	-	32	
36		63.4	63.4	55.4	55.4	46.9	46.9	38.9	38.9	32.0	32.0	-	-	-	36	
40		58.1	58.1	52.1	52.1	45.3	45.3	38.6	38.6	31.9	31.9	23.1	23.1	-	40	
48		48.4	49.3	45.3	45.4	40.7	40.7	36.3	36.3	31.4	31.4	23.1	23.1	-	48	
56		40.0	42.2	37.5	39.3	36.1	36.3	33.1	33.1	29.8	29.8	23.1	23.1	-	56	
64		32.3	36.5	31.0	33.9	30.5	32.0	29.8	29.8	27.9	27.9	23.0	23.0	-	64	
72		26.4	30.6	27.0	29.2	25.7	28.1	25.9	26.7	25.6	25.6	22.1	22.1	-	72	
80		23.3	25.8	22.8	25.5	22.2	24.4	22.2	23.8	21.7	23.2	20.6	20.7	-	80	
88		20.4	22.1	19.2	22.5	19.5	21.4	18.8	21.2	18.8	20.9	18.1	19.0	-	88	
96		17.6	19.7	17.2	19.6	16.9	18.8	16.1	19.0	16.1	18.5	15.1	17.2	-	96	
104		15.3	18.1	15.1	17.1	14.6	17.0	14.5	16.6	13.5	16.0	12.6	15.6	-	104	
112		12.3	12.3	13.3	14.9	12.5	14.9	12.5	14.2	11.6	14.4	10.5	13.6	-	112	
120		-	-	11.5	13.3	10.6	13.4	10.6	12.4	9.8	12.6	8.7	11.7	-	120	
128		-	-	10.0	11.7	9.1	11.9	9.1	11.2	8.3	11.0	7.2	10.1	-	128	
136		-	-	-	-	8.0	10.1	8.0	10.3	6.9	9.6	6.0	8.7	-	136	
144		-	-	-	-	-	-	6.9	9.3	5.8	8.4	4.7	7.5	-	144	
152		-	-	-	-	-	-	-	-	4.7	7.4	3.8	6.3	-	152	
160		-	-	-	-	-	-	-	-	3.9	6.4	2.8	5.4	-	160	
168		-	-	-	-	-	-	-	-	-	-	-	4.5	-	168	
176		-	-	-	-	-	-	-	-	-	-	-	3.8	-	176	
1)		7.1	7.1	4.9	4.9	2.9	2.9	-	-	-	-	-	-	1)		

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

		57,800 lb		25.3 ft x 23.0 ft		360° / Max.*								85%	
	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	
ft	41.0 ft	41.0 ft	54.5 ft	54.5 ft	67.9 ft	67.9 ft	81.4 ft	81.4 ft	94.8 ft	94.8 ft	108.3 ft	108.3 ft	108.3 ft	108.3 ft	
1,000 lb															
10	200.6	200.7	195.2	195.2	190.2	190.2	168.3	168.3	-	-	-	-	-	-	
12	180.7	182.6	177.8	177.9	173.5	173.5	164.9	164.9	128.9	128.9	-	-	-	-	
14	163.8	166.5	163.2	163.2	159.0	159.0	155.4	155.4	128.0	128.0	-	-	-	-	
16	149.5	151.9	150.6	150.8	146.7	146.7	143.2	143.2	126.7	126.7	98.3	98.3	98.3	98.3	
18	137.8	140.0	139.3	140.3	136.7	136.7	133.3	133.3	124.2	124.2	97.5	97.5	97.5	97.5	
20	126.9	129.1	128.5	130.4	127.3	127.3	124.0	124.0	120.7	120.7	96.7	96.7	96.7	96.7	
24	108.9	111.7	110.8	113.2	110.9	112.3	108.9	109.4	108.4	108.4	94.8	94.8	94.8	94.8	
28	92.1	94.2	94.6	98.3	94.9	98.5	95.4	97.0	95.5	96.8	91.0	91.3	91.3	91.3	
32	-	-	81.8	84.6	82.0	84.7	83.7	86.1	82.9	85.3	80.4	83.7	83.7	83.7	
36	-	-	70.4	74.2	71.0	74.3	72.6	75.9	71.7	75.1	69.2	74.0	74.0	74.0	
40	-	-	54.1	60.7	62.2	67.0	61.9	66.6	61.0	65.7	59.1	64.6	64.6	64.6	
48	-	-	-	-	46.6	53.8	46.3	53.6	45.3	52.9	44.6	51.6	51.6	51.6	
56	-	-	-	-	34.2	37.9	36.0	44.4	35.4	43.6	36.6	42.2	42.2	42.2	
64	-	-	-	-	-	-	29.0	37.1	30.1	36.2	29.3	34.9	34.9	34.9	
72	-	-	-	-	-	-	25.4	25.4	25.0	30.5	24.1	31.6	31.6	31.6	
80	-	-	-	-	-	-	-	-	21.1	25.6	21.0	27.1	27.1	27.1	
88	-	-	-	-	-	-	-	-	15.7	15.7	18.3	23.4	23.4	23.4	
96	-	-	-	-	-	-	-	-	-	-	15.9	18.6	18.6	18.6	
104	-	-	-	-	-	-	-	-	-	-	13.9	15.3	15.3	15.3	
1)	34.6	34.6	25.1	25.1	19.4	19.4	15.0	15.0	11.9	11.9	9.0	9.0	9.0	9.0	

	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.
ft	121.7 ft	121.7 ft	135.2 ft	135.2 ft	148.6 ft	148.6 ft	162.1 ft	162.1 ft	175.5 ft	175.5 ft	196.2 ft	196.2 ft	196.2 ft	196.2 ft
1,000 lb														
20	79.3	79.3	-	-	-	-	-	-	-	-	-	-	-	-
24	77.7	77.7	61.6	61.6	-	-	-	-	-	-	-	-	-	-
28	73.6	73.6	60.8	60.8	48.6	48.6	-	-	-	-	-	-	-	-
32	68.7	68.7	58.6	58.6	48.2	48.2	39.1	39.1	-	-	-	-	-	-
36	62.9	63.4	55.4	55.4	46.9	46.9	38.9	38.9	32.0	32.0	-	-	-	-
40	56.6	58.1	51.9	52.1	45.3	45.3	38.6	38.6	31.9	31.9	23.1	23.1	23.1	23.1
48	45.2	49.3	42.2	45.4	40.2	40.7	36.3	36.3	31.4	31.4	23.1	23.1	23.1	23.1
56	34.9	41.9	34.2	39.3	33.2	36.3	32.4	33.1	29.8	29.8	23.1	23.1	23.1	23.1
64	28.6	36.1	28.6	33.9	27.5	32.0	27.5	29.8	26.9	27.9	23.0	23.0	23.0	23.0
72	24.4	30.5	23.3	29.2	23.9	28.1	22.8	26.7	23.0	25.6	21.9	22.1	22.1	22.1
80	20.4	25.8	20.4	25.5	20.0	24.4	19.8	23.8	19.1	23.2	18.0	20.7	20.7	20.7
88	17.4	22.1	17.4	22.5	16.9	21.4	16.9	21.2	16.0	20.9	14.9	19.0	19.0	19.0
96	15.3	19.7	15.1	19.6	14.2	18.8	14.2	19.0	13.3	18.5	12.2	17.2	17.2	17.2
104	13.4	18.1	12.8	17.1	11.9	17.0	11.9	16.6	11.1	16.0	10.0	15.6	15.6	15.6
112	11.6	12.3	10.9	14.9	10.0	14.9	10.0	14.2	9.2	14.4	8.1	13.6	13.6	13.6
120	-	-	9.4	13.3	8.5	13.4	8.5	12.4	7.6	12.6	6.5	11.7	11.7	11.7
128	-	-	8.0	11.7	7.2	11.9	7.2	11.2	6.2	11.0	5.2	10.1	10.1	10.1
136	-	-	-	-	6.0	10.1	6.0	10.3	4.9	9.6	4.0	8.7	8.7	8.7
144	-	-	-	-	-	-	4.9	9.3	4.0	8.4	2.9	7.5	7.5	7.5
152	-	-	-	-	-	-	-	-	3.0	7.4	-	6.3	6.3	6.3
160	-	-	-	-	-	-	-	-	-	6.4	-	5.4	5.4	5.4
168	-	-	-	-	-	-	-	-	-	-	-	4.5	4.5	4.5
176	-	-	-	-	-	-	-	-	-	-	-	3.8	3.8	3.8
1)	7.1	7.1	4.9	4.9	2.9	2.9	-	-	-	-	-	-	-	-

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

23,600 lb		25.3 ft x 23.0 ft				360° / Max.*								85%
ft	360° 41.0 ft	Max. 41.0 ft	360° 54.5 ft	Max. 54.5 ft	360° 67.9 ft	Max. 67.9 ft	360° 81.4 ft	Max. 81.4 ft	360° 94.8 ft	Max. 94.8 ft	360° 108.3 ft	Max. 108.3 ft	ft	
1,000 lb														
10	198.1	200.7	195.2	195.2	190.2	190.2	168.3	168.3	-	-	-	-	10	
12	178.1	182.6	177.8	177.9	173.5	173.5	164.9	164.9	128.9	128.9	-	-	12	
14	161.3	166.5	162.6	163.2	159.0	159.0	155.4	155.4	128.0	128.0	-	-	14	
16	147.3	151.9	148.7	150.8	146.7	146.7	143.2	143.2	126.7	126.7	98.3	98.3	16	
18	133.1	139.3	134.8	140.0	134.1	136.7	129.0	133.3	116.6	124.2	97.5	97.5	18	
20	119.1	126.9	121.3	129.1	121.0	126.7	114.1	123.7	109.0	120.6	95.3	96.7	20	
24	95.2	102.6	97.9	104.6	94.5	104.8	91.5	104.1	84.7	105.8	77.8	94.3	24	
28	69.8	85.2	74.4	87.2	76.3	87.3	73.4	89.1	68.3	88.0	63.9	83.8	28	
32	-	-	57.9	74.3	59.5	76.2	59.0	75.7	56.4	73.4	55.5	70.2	32	
36	-	-	47.4	64.8	48.8	65.7	48.6	65.4	48.2	62.9	47.6	60.4	36	
40	-	-	31.8	51.4	41.0	57.7	41.0	57.4	41.4	54.4	40.3	53.1	40	
48	-	-	-	-	30.5	44.2	31.0	43.9	30.3	42.1	30.9	42.9	48	
56	-	-	-	-	23.3	33.4	23.9	34.8	23.9	35.1	24.0	35.2	56	
64	-	-	-	-	-	-	18.8	28.2	19.2	29.5	18.9	28.6	64	
72	-	-	-	-	-	-	15.1	24.3	15.5	23.9	15.1	23.4	72	
80	-	-	-	-	-	-	-	-	12.6	20.0	12.2	20.4	80	
88	-	-	-	-	-	-	-	-	10.4	15.7	9.9	17.2	88	
96	-	-	-	-	-	-	-	-	-	-	8.1	14.8	96	
104	-	-	-	-	-	-	-	-	-	-	6.6	12.8	104	
1)	34.6	34.6	25.1	25.1	19.4	19.4	14.8	15.0	10.6	11.9	7.3	9.0	1)	

ft	360° 121.7 ft	Max. 121.7 ft	360° 135.2 ft	Max. 135.2 ft	360° 148.6 ft	Max. 148.6 ft	360° 162.1 ft	Max. 162.1 ft	360° 175.5 ft	Max. 175.5 ft	360° 196.2 ft	Max. 196.2 ft	ft
1,000 lb													
20	79.0	79.3	-	-	-	-	-	-	-	-	-	-	20
24	71.6	77.7	61.0	61.6	-	-	-	-	-	-	-	-	24
28	60.9	73.6	54.9	60.8	48.6	48.6	-	-	-	-	-	-	28
32	51.0	67.4	48.9	58.6	44.6	48.2	39.1	39.1	-	-	-	-	32
36	44.4	59.1	42.7	53.5	39.5	46.9	35.8	38.9	32.0	32.0	-	-	36
40	39.7	52.6	37.9	48.6	36.3	44.8	33.1	38.6	31.3	31.9	23.1	23.1	40
48	30.7	41.1	29.4	38.2	27.9	36.5	27.0	34.2	24.9	31.1	21.9	23.1	48
56	23.7	32.2	23.0	31.7	21.9	30.2	21.1	28.7	19.4	26.8	17.3	23.1	56
64	18.7	27.9	17.9	25.6	17.0	25.6	16.7	24.4	15.1	22.6	13.2	20.3	64
72	14.9	23.5	14.2	22.6	13.1	21.0	13.1	20.4	11.5	18.4	9.8	16.4	72
80	12.0	19.3	11.3	19.2	10.2	17.9	10.2	17.2	8.9	15.5	7.2	13.7	80
88	9.6	16.9	8.8	16.3	8.0	15.3	8.0	14.6	6.9	13.1	5.2	11.4	88
96	7.8	14.5	7.0	13.7	6.1	12.9	6.1	12.5	5.1	10.9	3.6	9.2	96
104	6.2	12.4	5.5	11.7	4.6	10.6	4.6	10.6	3.7	9.1	-	7.5	104
112	5.0	10.5	4.1	9.8	3.2	8.9	3.2	8.9	-	7.6	-	5.9	112
120	-	-	3.1	8.2	-	7.4	-	7.4	-	6.3	-	4.6	120
128	-	-	-	6.8	-	6.1	-	6.1	-	5.1	-	3.5	128
136	-	-	-	-	-	5.0	-	5.0	-	4.1	-	2.6	136
144	-	-	-	-	-	-	-	-	-	3.1	-	-	144
1)	4.9	7.1	2.2	4.9	-	2.9	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

		19,000 lb				25.3 ft x 23.0 ft				360° / Max.*				85%	
		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
		41.0 ft	41.0 ft	54.5 ft	54.5 ft	67.9 ft	67.9 ft	81.4 ft	81.4 ft	94.8 ft	94.8 ft	108.3 ft	108.3 ft		
		1,000 lb													
ft														ft	
10		197.7	200.7	195.2	195.2	190.2	190.2	168.3	168.3	-	-	-	-	-	10
12		177.7	182.6	177.8	177.9	173.5	173.5	164.9	164.9	128.9	128.9	-	-	-	12
14		161.1	166.5	162.4	163.2	159.0	159.0	155.4	155.4	128.0	128.0	-	-	-	14
16		146.2	151.9	148.2	150.8	146.7	146.7	143.2	143.2	126.7	126.7	98.3	98.3	98.3	16
18		131.5	138.1	133.7	138.8	132.2	136.7	125.2	133.3	113.0	124.2	95.7	97.5	97.5	18
20		117.0	124.5	119.2	126.7	116.8	126.5	111.3	123.5	101.9	120.4	91.5	96.7	96.7	20
24		89.7	100.7	92.7	102.7	91.2	102.9	85.4	103.1	79.0	103.8	73.5	93.2	93.2	24
28		64.4	83.7	69.8	85.6	71.0	86.0	68.3	87.2	63.5	84.7	61.4	80.7	80.7	28
32		-	-	53.7	73.2	55.3	74.4	54.9	72.9	54.5	70.5	51.7	67.9	67.9	32
36		-	-	43.8	63.6	45.3	64.4	45.1	63.3	46.5	60.5	44.1	58.4	58.4	36
40		-	-	28.5	49.1	37.9	56.4	39.0	54.2	38.4	52.3	38.0	51.2	51.2	40
48		-	-	-	-	28.0	42.0	28.6	41.8	28.9	40.8	28.7	41.9	41.9	48
56		-	-	-	-	21.3	32.8	21.8	33.2	22.4	34.2	22.0	32.6	32.6	56
64		-	-	-	-	-	-	17.1	27.3	17.6	27.5	17.2	26.3	26.3	64
72		-	-	-	-	-	-	13.7	22.8	14.2	22.2	13.7	22.6	22.6	72
80		-	-	-	-	-	-	-	-	11.3	19.1	10.9	18.7	18.7	80
88		-	-	-	-	-	-	-	-	9.3	15.7	8.8	15.8	15.8	88
96		-	-	-	-	-	-	-	-	-	-	7.0	13.4	13.4	96
104		-	-	-	-	-	-	-	-	-	-	5.7	11.5	11.5	104
1)		34.6	34.6	25.1	25.1	19.0	19.4	13.2	15.0	9.5	11.9	6.2	9.0	9.0	1)

		360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.	360°	Max.		
		121.7 ft	121.7 ft	135.2 ft	135.2 ft	148.6 ft	148.6 ft	162.1 ft	162.1 ft	175.5 ft	175.5 ft	196.2 ft	196.2 ft		
		1,000 lb													
ft														ft	
20		78,5	79,3	-	-	-	-	-	-	-	-	-	-	-	20
24		67,1	77,7	59,5	61,6	-	-	-	-	-	-	-	-	-	24
28		56,7	73,6	52,7	60,8	46,5	48,6	-	-	-	-	-	-	-	28
32		48,5	64,6	45,9	58,6	42,6	48,2	38,2	39,1	-	-	-	-	-	32
36		42,3	55,6	39,8	51,3	38,0	45,5	34,4	38,9	30,5	32,0	-	-	-	36
40		36,7	49,7	35,2	45,1	33,3	42,1	32,0	38,3	28,3	31,9	23,0	23,1	23,1	40
48		28,5	37,5	26,9	36,7	25,5	33,9	24,5	33,0	22,4	30,1	20,2	23,1	23,1	48
56		21,8	31,2	20,9	29,1	19,7	28,8	19,0	27,0	17,3	25,1	15,2	21,9	21,9	56
64		17,0	25,9	16,3	24,7	15,2	23,2	14,9	22,3	13,2	20,3	11,1	18,1	18,1	64
72		13,3	21,7	12,6	20,8	11,5	19,3	11,5	18,6	10,0	16,6	8,0	14,8	14,8	72
80		10,6	18,5	9,8	17,6	8,9	16,3	8,9	15,5	7,4	13,9	5,7	12,2	12,2	80
88		8,4	15,8	7,7	14,8	6,6	13,8	6,9	13,2	5,5	11,6	3,9	9,9	9,9	88
96		6,7	13,1	5,9	12,4	4,9	11,5	5,1	11,2	3,9	9,6	-	7,8	7,8	96
104		5,2	11,0	4,4	10,2	3,5	9,3	3,5	9,3	2,6	7,9	-	6,2	6,2	104
112		4,1	9,4	3,2	8,5	-	7,8	-	7,8	-	6,3	-	4,8	4,8	112
120		-	-	-	7,2	-	6,4	-	6,4	-	5,0	-	3,5	3,5	120
128		-	-	-	6,2	-	5,3	-	5,3	-	4,1	-	2,5	2,5	128
136		-	-	-	-	-	4,2	-	4,2	-	3,1	-	-	-	136
144		-	-	-	-	-	-	-	3,3	-	2,4	-	-	-	144
1)		3.7	7.1	-	4.9	-	2.9	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

		69,700 lb		25.3 ft x 15.4 ft		360° / Max.*						85%	
ft	360° 41.0 ft	Max. 41.0 ft	360° 54.5 ft	Max. 54.5 ft	360° 67.9 ft	Max. 67.9 ft	360° 81.4 ft	Max. 81.4 ft	360° 94.8 ft	Max. 94.8 ft	360° 108.3 ft	Max. 108.3 ft	ft
1,000 lb													
10	-	200.7	-	195.2	-	190.2	-	168.3	-	-	-	-	10
12	162.6	182.6	164.1	177.9	164.4	173.5	162.6	164.9	128.9	128.9	-	-	12
14	145.6	166.5	147.2	163.2	147.4	159.0	147.0	155.4	126.3	128.0	-	-	14
16	131.5	151.9	133.0	150.8	133.2	146.7	128.8	143.2	118.9	126.7	98.3	98.3	16
18	118.1	140.0	120.4	140.3	120.8	136.7	114.2	133.3	107.2	124.2	92.7	97.5	18
20	104.5	129.1	107.5	130.4	108.0	127.3	103.2	124.0	94.9	120.7	87.4	96.7	20
24	76.4	111.7	80.4	113.2	81.7	112.3	81.5	109.4	77.2	108.4	72.1	94.8	24
28	59.1	94.2	62.5	99.6	63.7	99.6	63.6	97.6	62.8	96.8	62.0	91.3	28
32	-	-	50.6	87.9	51.7	88.0	51.6	88.4	52.5	87.3	52.0	84.5	32
36	-	-	42.7	77.5	43.7	77.6	43.7	78.9	44.8	77.9	44.0	75.9	36
40	-	-	31.0	63.2	37.6	67.9	38.5	69.4	37.8	68.7	38.1	67.4	40
48	-	-	-	-	29.1	56.4	29.5	56.2	29.5	55.3	29.3	54.0	48
56	-	-	-	-	23.0	39.1	23.3	46.0	23.4	45.1	23.6	43.7	56
64	-	-	-	-	-	-	19.1	37.7	19.3	36.8	19.1	35.5	64
72	-	-	-	-	-	-	15.7	25.4	15.9	30.6	15.7	31.6	72
80	-	-	-	-	-	-	-	-	13.6	25.6	13.3	27.1	80
88	-	-	-	-	-	-	-	-	11.6	15.7	11.3	23.4	88
96	-	-	-	-	-	-	-	-	-	-	9.7	18.6	96
104	-	-	-	-	-	-	-	-	-	-	8.3	15.3	104
1)	34.6	34.6	25.1	25.1	19.4	19.4	15.0	15.0	11.9	11.9	9.0	9.0	1)

ft	360° 121.7 ft	Max. 121.7 ft	360° 135.2 ft	Max. 135.2 ft	360° 148.6 ft	Max. 148.6 ft	360° 162.1 ft	Max. 162.1 ft	360° 175.5 ft	Max. 175.5 ft	360° 196.2 ft	Max. 196.2 ft	ft
1,000 lb													
20	78.3	79.3	-	-	-	-	-	-	-	-	-	-	20
24	67.3	77.7	59.9	61.6	-	-	-	-	-	-	-	-	24
28	58.0	73.6	53.4	60.8	47.9	48.6	-	-	-	-	-	-	28
32	50.3	68.7	48.1	58.6	44.1	48.2	39.1	39.1	-	-	-	-	32
36	43.6	63.4	42.2	55.4	39.7	46.9	36.2	38.9	32.0	32.0	-	-	36
40	37.4	58.1	37.4	52.1	36.7	45.3	34.0	38.6	31.5	31.9	23.1	23.1	40
48	29.2	49.3	28.8	45.4	28.0	40.7	28.2	36.3	26.6	31.4	22.7	23.1	48
56	23.3	42.2	22.7	39.3	22.0	36.3	22.0	33.1	21.4	29.8	19.7	23.1	56
64	18.9	36.5	18.4	33.9	17.7	32.0	17.7	29.8	17.1	27.9	16.1	23.0	64
72	15.5	30.6	15.1	29.2	14.4	28.1	14.4	26.7	13.7	25.6	13.1	22.1	72
80	13.1	25.8	12.5	25.5	12.0	24.4	12.0	23.8	11.3	23.2	10.7	20.7	80
88	11.1	22.1	10.6	22.5	9.9	21.4	9.9	21.2	9.3	20.9	8.6	19.0	88
96	9.4	19.7	8.9	19.6	8.3	18.8	8.3	19.0	7.7	18.5	7.0	17.2	96
104	8.1	18.1	7.4	17.1	7.0	17.0	7.0	16.6	6.3	16.0	5.7	15.6	104
112	7.0	12.3	6.3	14.9	5.9	14.9	5.9	14.2	5.2	14.4	4.3	13.6	112
120	-	-	5.5	13.3	4.8	13.4	4.8	12.4	3.9	12.6	3.1	11.7	120
128	-	-	4.5	11.7	3.9	11.9	3.9	11.2	3.0	11.0	-	10.1	128
136	-	-	-	-	3.0	10.1	3.0	10.3	-	9.6	-	8.7	136
144	-	-	-	-	-	-	-	9.3	-	8.4	-	7.5	144
152	-	-	-	-	-	-	-	-	-	7.4	-	6.3	152
160	-	-	-	-	-	-	-	-	-	6.4	-	5.4	160
168	-	-	-	-	-	-	-	-	-	-	-	4.5	168
176	-	-	-	-	-	-	-	-	-	-	-	3.8	176
1)	6.8	7.1	4.6	4.9	2.6	2.9	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

57,800 lb		25.3 ft x 15.4 ft				360° / Max.*								85%
ft	360° 41.0 ft	Max. 41.0 ft	360° 54.5 ft	Max. 54.5 ft	360° 67.9 ft	Max. 67.9 ft	360° 81.4 ft	Max. 81.4 ft	360° 94.8 ft	Max. 94.8 ft	360° 108.3 ft	Max. 108.3 ft	ft	
1,000 lb														
10	181.0	200.7	182.4	195.2	182.6	190.2	168.2	168.3	-	-	-	-	10	
12	160.2	182.6	161.8	177.9	162.0	173.5	158.7	164.9	127.6	128.9	-	-	12	
14	143.4	166.5	145.1	163.2	145.2	159.0	132.8	155.4	120.1	128.0	-	-	14	
16	129.4	151.9	131.2	150.8	126.2	146.7	117.6	143.2	106.5	126.7	95.4	98.3	16	
18	110.9	140.0	113.2	140.3	109.8	136.7	103.6	133.3	94.2	124.2	86.5	97.5	18	
20	92.0	129.1	94.8	130.4	98.1	127.3	90.9	124.0	83.1	120.7	78.2	96.7	20	
24	66.8	111.7	70.9	113.2	72.1	112.3	71.9	109.4	67.8	108.4	65.8	94.8	24	
28	51.5	94.2	55.0	98.3	56.1	98.5	55.9	97.0	57.1	96.8	55.2	91.3	28	
32	-	-	44.2	84.6	46.0	84.7	46.8	86.1	46.5	85.3	45.8	83.7	32	
36	-	-	37.2	74.2	39.1	74.3	39.9	75.9	39.3	75.1	39.3	74.0	36	
40	-	-	26.3	60.7	33.3	67.0	33.7	66.6	33.7	65.7	33.7	64.6	40	
48	-	-	-	-	25.1	53.5	25.5	53.2	26.0	52.5	25.7	51.1	48	
56	-	-	-	-	19.8	37.4	20.0	42.3	20.5	41.4	20.3	39.9	56	
64	-	-	-	-	-	-	16.1	34.4	16.6	33.3	16.4	34.2	64	
72	-	-	-	-	-	-	13.3	25.4	13.7	28.5	13.3	29.0	72	
80	-	-	-	-	-	-	-	-	11.4	24.9	11.2	24.3	80	
88	-	-	-	-	-	-	-	-	9.7	15.7	9.4	21.0	88	
96	-	-	-	-	-	-	-	-	-	-	7.9	17.8	96	
104	-	-	-	-	-	-	-	-	-	-	6.7	15.3	104	
1)	34.6	34.6	25.1	25.1	17.9	19.4	13.0	15.0	9.9	11.9	7.3	9.0	1)	

ft	360° 121.7 ft	Max. 121.7 ft	360° 135.2 ft	Max. 135.2 ft	360° 148.6 ft	Max. 148.6 ft	360° 162.1 ft	Max. 162.1 ft	360° 175.5 ft	Max. 175.5 ft	360° 196.2 ft	Max. 196.2 ft	ft
1,000 lb													
20	72.4	79.3	-	-	-	-	-	-	-	-	-	-	20
24	59.8	77.7	55.4	61.6	-	-	-	-	-	-	-	-	24
28	51.9	73.6	48.7	60.8	43.9	48.6	-	-	-	-	-	-	28
32	45.5	68.7	43.3	58.6	40.8	48.2	36.9	39.1	-	-	-	-	32
36	38.8	63.4	37.9	55.4	36.1	46.9	33.2	38.9	29.9	32.0	-	-	36
40	33.7	58.1	32.8	52.1	31.6	45.3	30.4	38.6	27.8	31.9	23.0	23.1	40
48	25.5	48.9	24.9	45.4	24.2	40.7	24.1	36.3	22.3	31.4	20.2	23.1	48
56	20.0	40.7	19.6	38.4	18.8	36.3	18.9	33.1	18.0	29.8	16.1	23.1	56
64	16.1	33.2	15.7	31.9	15.0	31.1	15.0	29.8	14.4	27.9	12.8	23.0	64
72	13.3	27.5	12.6	27.8	12.0	26.8	12.0	26.1	11.3	25.6	10.2	22.1	72
80	10.9	23.5	10.5	23.5	9.8	22.4	9.8	23.0	9.2	22.4	8.1	20.7	80
88	9.2	21.1	8.7	20.2	8.1	20.2	8.1	19.7	7.4	19.3	6.3	18.7	88
96	7.7	18.5	7.2	17.3	6.6	17.7	6.6	16.8	5.9	17.0	4.8	16.0	96
104	6.5	16.0	5.9	15.8	5.4	15.3	5.4	14.7	4.6	14.6	3.5	13.5	104
112	5.5	12.3	5.0	13.8	4.1	13.4	4.1	13.4	3.5	12.5	-	11.6	112
120	-	-	3.9	12.3	3.1	11.7	3.1	11.7	-	10.9	-	10.0	120
128	-	-	3.1	11.1	-	10.2	-	10.2	-	9.4	-	8.5	128
136	-	-	-	-	-	8.9	-	8.9	-	8.0	-	7.1	136
144	-	-	-	-	-	-	-	7.8	-	6.9	-	5.8	144
152	-	-	-	-	-	-	-	-	-	5.8	-	5.0	152
160	-	-	-	-	-	-	-	-	-	5.0	-	4.2	160
168	-	-	-	-	-	-	-	-	-	-	-	3.4	168
176	-	-	-	-	-	-	-	-	-	-	-	2.7	176
1)	5.3	7.1	3.1	4.9	-	2.9	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

		23,600 lb		25.3 ft x 15.4 ft		360° / Max.*						85%	
ft	360° 41.0 ft	Max. 41.0 ft	360° 54.5 ft	Max. 54.5 ft	360° 67.9 ft	Max. 67.9 ft	360° 81.4 ft	Max. 81.4 ft	360° 94.8 ft	Max. 94.8 ft	360° 108.3 ft	Max. 108.3 ft	ft
1,000 lb													
10	173.2	200.7	173.2	195.2	148.5	190.2	131.3	168.3	-	-	-	-	10
12	149.5	182.6	135.0	177.9	121.2	173.5	106.2	164.9	94.5	128.9	-	-	12
14	118.3	166.5	108.5	163.2	99.2	159.0	88.3	155.4	82.2	128.0	-	-	14
16	90.1	151.9	90.9	150.8	83.2	146.7	77.0	143.2	70.7	126.7	65.3	98.3	16
18	71.9	139.3	75.6	140.0	72.0	136.7	68.3	133.3	62.3	124.2	58.6	97.5	18
20	57.0	126.9	61.6	129.1	63.4	126.7	59.6	123.7	56.0	120.2	51.9	96.7	20
24	40.4	102.6	44.4	104.6	47.2	104.8	47.1	103.8	45.3	104.0	42.3	91.3	24
28	30.2	85.2	33.7	87.2	36.4	87.2	36.9	87.1	36.8	82.2	35.1	75.6	28
32	-	-	26.6	72.0	29.1	74.6	29.5	71.1	30.0	67.4	29.3	62.5	32
36	-	-	21.9	59.2	24.1	60.7	24.6	59.6	25.1	56.8	24.7	53.7	36
40	-	-	12.8	43.5	19.8	50.7	20.3	50.7	20.9	48.7	20.5	48.6	40
48	-	-	-	-	14.5	37.9	15.0	37.7	15.4	38.8	15.1	36.5	48
56	-	-	-	-	10.8	29.7	11.3	29.9	11.6	30.0	11.4	28.9	56
64	-	-	-	-	-	-	8.6	23.9	9.0	23.7	8.6	23.7	64
72	-	-	-	-	-	-	6.7	19.3	7.1	19.3	6.7	19.3	72
80	-	-	-	-	-	-	-	-	5.5	16.1	5.3	15.8	80
88	-	-	-	-	-	-	-	-	4.3	13.5	4.0	13.1	88
96	-	-	-	-	-	-	-	-	-	-	2.8	11.1	96
104	-	-	-	-	-	-	-	-	-	-	-	9.5	104
1)	22.9	34.6	13.9	25.1	9.5	19.4	6.4	15.0	4.4	11.9	2.2	9.0	1)

ft	360° 121.7 ft	Max. 121.7 ft	360° 135.2 ft	Max. 135.2 ft	360° 148.6 ft	Max. 148.6 ft	360° 162.1 ft	Max. 162.1 ft	360° 175.5 ft	Max. 175.5 ft	360° 196.2 ft	Max. 196.2 ft	ft
1,000 lb													
20	48.2	79.3	-	-	-	-	-	-	-	-	-	-	20
24	39.4	77.6	36.0	61.6	-	-	-	-	-	-	-	-	24
28	32.8	68.3	30.1	59.9	27.9	48.6	-	-	-	-	-	-	28
32	27.8	59.1	25.3	53.8	23.5	48.2	22.3	39.1	-	-	-	-	32
36	23.8	50.9	21.9	46.4	20.2	42.8	19.2	37.9	17.1	32.0	-	-	36
40	20.1	43.6	18.8	41.9	17.3	38.3	16.4	36.4	14.5	31.7	12.5	23.1	40
48	15.0	35.3	14.0	33.0	12.9	32.3	12.3	30.0	10.6	27.1	8.9	22.8	48
56	11.2	28.2	10.6	27.3	9.6	25.6	9.2	24.6	7.6	22.6	6.0	20.1	56
64	8.6	23.1	8.0	22.2	7.1	20.5	6.8	19.8	5.5	18.1	3.9	16.2	64
72	6.4	19.0	6.0	18.4	5.1	17.3	4.9	16.2	3.6	14.6	-	12.6	72
80	5.1	15.6	4.4	15.0	3.5	14.1	3.3	13.7	-	12.0	-	10.0	80
88	3.7	12.9	3.1	12.1	-	11.2	-	11.1	-	9.6	-	8.0	88
96	-	10.9	-	10.2	-	9.2	-	8.9	-	7.6	-	6.2	96
104	-	9.2	-	8.6	-	7.7	-	7.3	-	6.1	-	4.6	104
112	-	7.6	-	7.0	-	6.1	-	6.1	-	4.8	-	3.5	112
120	-	-	-	5.7	-	4.8	-	4.8	-	3.7	-	-	120
128	-	-	-	4.6	-	3.9	-	3.9	-	2.8	-	-	128
136	-	-	-	-	-	3.0	-	3.0	-	-	-	-	136
144	-	-	-	-	-	-	-	2.2	-	-	-	-	144
1)	-	7.1	-	4.9	-	2.6	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions

19,000 lb		25.3 ft x 15.4 ft				360° / Max.*								85%
ft	360° 41.0 ft	Max. 41.0 ft	360° 54.5 ft	Max. 54.5 ft	360° 67.9 ft	Max. 67.9 ft	360° 81.4 ft	Max. 81.4 ft	360° 94.8 ft	Max. 94.8 ft	360° 108.3 ft	Max. 108.3 ft	ft	
1,000 lb														
10	171.7	200.7	164.6	195.2	137.5	190.2	121.7	168.3	-	-	-	-	10	
12	142.7	182.6	124.9	177.9	112.4	173.5	98.1	164.9	89.9	128.9	-	-	12	
14	109.6	166.5	101.8	163.2	91.8	159.0	82.7	155.4	76.1	128.0	-	-	14	
16	83.1	151.9	83.9	150.8	76.8	146.7	72.2	143.2	65.9	126.7	61.0	98.3	16	
18	66.2	138.1	69.8	138.8	67.1	136.7	63.1	133.3	58.8	124.2	54.1	97.5	18	
20	52.2	124.5	56.8	126.7	58.7	126.5	55.0	123.5	51.6	119.6	47.7	96.5	20	
24	36.8	100.7	40.7	102.7	43.7	102.8	43.3	101.9	41.6	97.9	38.7	87.8	24	
28	27.3	82.3	30.9	85.0	33.5	84.5	34.0	81.9	33.9	77.2	32.1	70.0	28	
32	-	-	24.1	69.1	26.6	70.0	27.0	67.1	27.7	63.5	26.8	58.5	32	
36	-	-	19.7	56.1	22.0	57.3	22.5	56.6	23.0	53.7	22.6	51.6	36	
40	-	-	11.1	40.5	18.1	48.6	18.5	48.1	19.0	45.8	18.7	44.5	40	
48	-	-	-	-	13.1	35.4	13.5	35.2	13.9	36.2	13.6	33.7	48	
56	-	-	-	-	9.7	27.5	10.1	28.1	10.4	27.3	10.2	27.7	56	
64	-	-	-	-	-	-	7.5	21.8	7.9	21.9	7.7	21.7	64	
72	-	-	-	-	-	-	5.8	17.5	6.0	17.7	5.8	17.5	72	
80	-	-	-	-	-	-	-	-	4.7	14.6	4.4	14.3	80	
88	-	-	-	-	-	-	-	-	3.6	12.3	3.1	11.9	88	
96	-	-	-	-	-	-	-	-	-	-	-	10.1	96	
104	-	-	-	-	-	-	-	-	-	-	-	8.5	104	
1)	20.5	34.6	12.3	25.1	8.4	19.4	5.5	15.0	3.5	11.9	-	9.0	1)	

ft	360° 121.7 ft	Max. 121.7 ft	360° 135.2 ft	Max. 135.2 ft	360° 148.6 ft	Max. 148.6 ft	360° 162.1 ft	Max. 162.1 ft	360° 175.5 ft	Max. 175.5 ft	360° 196.2 ft	Max. 196.2 ft	ft
1,000 lb													
20	44.3	79.3	-	-	-	-	-	-	-	-	-	-	20
24	36.2	75.6	32.9	61.6	-	-	-	-	-	-	-	-	24
28	30.1	63.9	27.3	57.5	25.2	48.6	-	-	-	-	-	-	28
32	25.3	55.2	22.9	50.3	21.3	45.7	19.9	39.1	-	-	-	-	32
36	21.7	46.6	19.6	44.3	18.1	40.6	17.0	36.5	15.2	32.0	-	-	36
40	18.3	41.9	16.6	38.5	15.3	37.6	14.5	34.6	12.7	31.4	10.7	23.1	40
48	13.5	32.7	12.3	31.5	11.2	29.7	10.6	28.0	9.1	25.4	7.2	22.1	48
56	9.9	26.6	9.2	24.6	8.2	23.2	7.8	22.3	6.2	20.4	4.7	18.1	56
64	7.5	21.4	6.8	20.2	5.9	18.6	5.5	17.8	4.1	16.0	-	14.2	64
72	5.6	17.3	4.9	16.4	4.0	15.3	3.8	14.6	2.5	12.8	-	10.9	72
80	4.2	13.9	3.5	13.2	-	12.4	-	12.0	-	10.5	-	8.7	80
88	2.9	11.7	-	10.7	-	9.8	-	9.7	-	8.4	-	6.9	88
96	-	9.8	-	9.1	-	8.0	-	7.8	-	6.7	-	5.1	96
104	-	8.1	-	7.5	-	6.6	-	6.2	-	5.0	-	3.7	104
112	-	6.8	-	6.1	-	5.2	-	5.0	-	3.9	-	-	112
120	-	-	-	4.9	-	4.2	-	4.0	-	2.8	-	-	120
128	-	-	-	4.0	-	3.2	-	3.1	-	-	-	-	128
136	-	-	-	-	-	2.4	-	-	-	-	-	-	136
1)	-	6.6	-	4.0	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

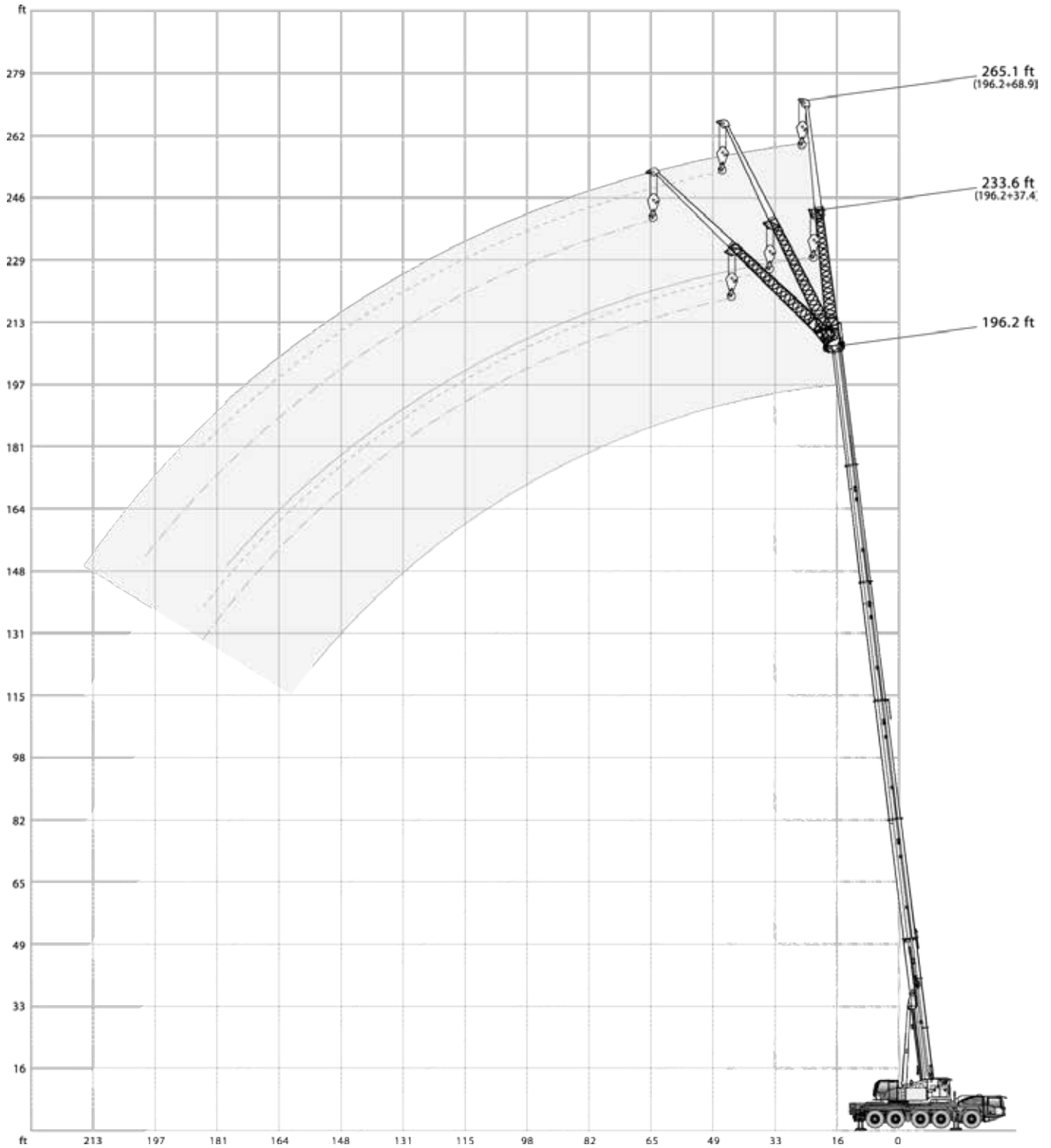
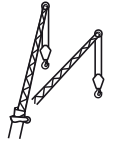
* Max. values are valid only for specific superstructure positions

8,200 lb		25.3 ft x 8.4 ft				360° / Max.*								85%
ft	360° 41.0 ft	Max. 41.0 ft	360° 54.5 ft	Max. 54.5 ft	360° 67.9 ft	Max. 67.9 ft	360° 81.4 ft	Max. 81.4 ft	360° 94.8 ft	Max. 94.8 ft	360° 108.3 ft	Max. 108.3 ft	ft	
1,000 lb														
10	53.5	200.7	51.4	195.2	48.5	164.8	44.6	103.3	-	-	-	-	10	
12	41.2	182.6	41.6	177.9	40.1	167.2	37.2	104.7	33.1	75.4	-	-	12	
14	30.6	166.5	34.2	163.2	33.7	159.0	31.5	106.4	29.3	76.2	-	-	14	
16	23.5	151.9	27.5	150.8	28.7	146.7	26.9	108.5	25.2	77.2	22.9	59.0	16	
18	18.9	135.5	22.6	136.3	24.6	134.3	23.4	110.8	22.1	76.1	20.1	59.5	18	
20	15.0	119.3	18.3	121.4	20.7	120.6	20.3	110.5	19.3	76.3	17.5	59.5	20	
24	9.8	93.5	13.0	94.3	15.2	89.9	15.6	82.0	15.2	72.9	13.7	59.3	24	
28	6.3	67.4	9.3	71.4	11.4	67.7	11.8	62.3	11.9	58.6	10.7	55.1	28	
32	-	-	6.7	52.8	8.6	53.0	9.1	49.5	9.5	48.9	8.4	45.2	32	
36	-	-	4.6	42.3	6.8	43.0	7.2	42.3	7.6	40.8	6.6	39.2	36	
40	-	-	-	25.6	5.1	35.2	5.5	35.9	6.0	34.9	5.1	33.4	40	
48	-	-	-	-	-	25.1	-	25.2	-	25.6	-	24.7	48	
56	-	-	-	-	-	18.8	-	18.8	-	19.0	-	18.8	56	
64	-	-	-	-	-	-	-	14.9	-	15.3	-	14.6	64	
72	-	-	-	-	-	-	-	12.0	-	12.2	-	11.7	72	
80	-	-	-	-	-	-	-	-	-	10.0	-	9.4	80	
88	-	-	-	-	-	-	-	-	-	8.1	-	7.4	88	
96	-	-	-	-	-	-	-	-	-	-	-	6.1	96	
104	-	-	-	-	-	-	-	-	-	-	-	5.0	104	
1)	3.1	34.6	-	25.1	-	16.5	-	11.9	-	8.4	-	5.5	1)	

ft	360° 121.7 ft	Max. 121.7 ft	360° 135.2 ft	Max. 135.2 ft	360° 148.6 ft	Max. 148.6 ft	360° 162.1 ft	Max. 162.1 ft	360° 175.5 ft	Max. 175.5 ft	360° 196.2 ft	Max. 196.2 ft	ft
1,000 lb													
20	16,0	46,8	-	-	-	-	-	-	-	-	-	-	20
24	12,5	47,7	10,5	37,6	-	-	-	-	-	-	-	-	24
28	9,7	47,7	8,0	38,2	-	30,8	-	-	-	-	-	-	28
32	7,5	43,5	5,9	38,9	-	31,2	-	25,1	-	-	-	-	32
36	5,8	37,4	4,4	34,4	-	29,6	-	25,5	-	20,1	-	-	36
40	4,2	31,5	-	29,1	-	27,2	-	25,3	-	20,2	-	15,3	40
48	-	23,5	-	21,5	-	20,3	-	19,5	-	17,8	-	15,0	48
56	-	18,2	-	17,0	-	15,7	-	15,1	-	13,7	-	11,9	56
64	-	14,4	-	13,4	-	12,3	-	11,8	-	10,4	-	8,6	64
72	-	11,3	-	10,6	-	9,7	-	9,1	-	7,8	-	6,0	72
80	-	8,9	-	8,3	-	7,4	-	7,0	-	5,7	-	4,1	80
88	-	7,2	-	6,3	-	5,4	-	5,4	-	4,1	-	-	88
96	-	5,7	-	4,9	-	4,1	-	3,9	-	2,6	-	-	96
104	-	4,4	-	3,7	-	2,8	-	2,8	-	-	-	-	104
112	-	3,5	-	-	-	-	-	-	-	-	-	-	112
1)	-	3.3	-	-	-	-	-	-	-	-	-	-	1)

1) Capacities with horizontal boom

* Max. values are valid only for specific superstructure positions



93,000 lb		25.3 ft x 23.0 ft		360°			85%			
41.0 ft										
ft	37.4 ft			68.9 ft			ft	108.3 ft		
	0°	20°	40°	0°	20°	40°		0°	20°	40°
1,000 lb										
10	36.6	-	-	22.0	-	-	20	36.6	-	-
12	36.6	-	-	21.8	-	-	24	36.6	-	-
14	36.6	-	-	21.7	-	-	28	36.6	-	-
16	36.6	-	-	21.4	-	-	32	36.6	-	-
18	36.6	-	-	21.2	-	-	36	36.6	-	-
20	36.6	34.6	-	20.9	-	-	40	36.5	28.7	-
24	36.6	31.9	-	20.4	-	-	48	35.0	26.9	21.2
28	36.6	29.5	-	19.7	-	-	56	31.5	25.0	20.4
32	35.3	27.5	22.5	18.9	-	-	64	28.4	23.3	19.7
36	32.6	25.8	21.5	17.9	-	-	72	25.8	21.6	19.2
40	29.9	24.3	20.6	16.8	13.6	-	80	23.8	20.3	18.6
48	25.8	21.7	19.3	14.9	12.3	-	88	22.2	19.3	17.9
56	22.5	19.9	18.6	13.2	11.2	9.7	96	20.7	18.3	17.4
64	19.9	18.9	-	11.7	10.3	9.1	104	18.4	17.5	17.0
72	-	-	-	10.6	9.5	8.6	112	16.0	16.6	16.6
80	-	-	-	9.8	9.0	8.3	120	14.0	14.5	-
88	-	-	-	9.1	8.5	8.2	128	12.7	12.8	-
96	-	-	-	8.5	8.2	-	136	7.6	7.6	-
							144	-	-	-
							152	-	-	-
							160	-	-	-





175.5 ft										
ft	37.4 ft			68.9 ft			ft	196.2 ft		
	0°	20°	40°	0°	20°	40°		0°	20°*	40°*
1,000 lb										
40	16.1	-	-	-	-	-	48	11.7	-	-
48	16.1	-	-	-	9.0	-	56	11.7	-	-
56	16.1	-	-	-	9.0	-	64	11.7	-	-
64	16.1	16.1	-	-	9.0	-	72	11.7	11.7	-
72	16.1	16.1	-	-	9.0	-	80	11.7	11.7	11.7
80	16.1	16.0	15.5	-	9.0	9.0	88	11.7	11.7	11.7
88	15.6	15.1	14.5	-	9.0	9.0	96	11.7	11.7	11.7
96	14.7	14.1	13.8	-	9.0	9.0	104	11.7	11.7	11.7
104	13.8	13.3	13.1	-	9.0	9.0	112	11.4	11.4	11.4
112	12.7	12.3	12.3	-	9.0	9.0	120	10.7	10.8	10.7
120	11.9	11.5	11.5	-	8.8	8.7	128	10.0	10.0	10.1
128	10.7	10.8	10.8	-	8.5	8.3	136	8.9	9.4	9.4
136	9.3	9.9	10.1	-	8.2	7.8	144	7.6	8.4	8.6
144	8.4	8.7	9.1	-	7.7	7.5	152	6.2	7.1	7.5
152	7.4	7.8	7.9	-	6.9	7.0	160	5.2	5.8	6.3
160	6.3	6.9	7.2	-	6.0	6.7	168	4.2	4.8	5.2
168	5.3	5.9	6.1	-	5.3	5.9	176	3.4	3.9	4.1
176	4.5	5.0	5.0	-	4.5	5.1	184	-	3.1	3.3
184	3.7	4.0	-	-	3.7	4.5	192	-	-	-
192	-	-	-	-	-	3.8	200	-	-	-
200	-	-	-	-	-	3.0				





 * 191.6 ft





69,700 lb		25.3 ft x 23.0 ft		360°			85%			
41.0 ft										
ft	37.4 ft			68.9 ft			ft	108.3 ft		
	0°	20°	40°	0°	20°	40°		0°	20°	40°
1,000 lb										
10	36.6	-	-	22.0	-	-	20	36.6	-	-
12	36.6	-	-	21.8	-	-	24	36.6	-	-
14	36.6	-	-	21.7	-	-	28	36.6	-	-
16	36.6	-	-	21.4	-	-	32	36.6	-	-
18	36.6	-	-	21.2	-	-	36	36.6	-	-
20	36.6	34.6	-	20.9	-	-	40	36.5	28.7	-
24	36.6	31.9	-	20.4	-	-	48	35.0	26.9	21.2
28	36.6	29.5	-	19.7	-	-	56	31.5	25.0	20.4
32	35.3	27.5	22.5	18.9	-	-	64	28.4	23.3	19.7
36	32.6	25.8	21.5	17.9	-	-	72	25.8	21.6	19.2
40	29.9	24.3	20.6	16.8	13.6	-	80	22.6	20.3	18.6
48	25.8	21.7	19.3	14.9	12.3	-	88	19.6	19.2	17.9
56	22.5	19.9	18.6	13.2	11.2	9.7	96	16.7	17.6	17.2
64	19.9	18.9	-	11.7	10.3	9.1	104	14.7	15.1	15.6
72	-	-	-	10.6	9.5	8.6	112	12.9	13.3	12.7
80	-	-	-	9.8	9.0	8.3	120	11.7	11.9	-
88	-	-	-	9.1	8.5	8.2	128	10.2	10.6	-
96	-	-	-	8.5	8.2	-	136	7.6	7.6	-
							144	-	-	-
							152	-	-	-
							160	-	-	-

175.5 ft										
ft	37.4 ft			68.9 ft			ft	196.2 ft		
	0°	20°	40°	0°	20°	40°		0°	20°*	40°*
1,000 lb										
40	16.1	-	-	-	-	-	48	11.7	-	-
48	16.1	-	-	9.0	-	-	56	11.7	-	-
56	16.1	-	-	9.0	-	-	64	11.7	-	-
64	16.1	16.1	-	9.0	-	-	72	11.7	11.7	-
72	16.1	16.1	-	9.0	-	-	80	11.7	11.7	11.7
80	16.1	16.0	15.5	9.0	9.0	-	88	11.7	11.7	11.7
88	15.6	15.1	14.5	9.0	9.0	-	96	11.7	11.7	11.7
96	14.5	14.1	13.8	9.0	9.0	-	104	11.3	11.7	11.7
104	12.4	13.3	13.1	9.0	9.0	8.2	112	9.6	10.9	11.4
112	10.9	11.6	12.2	9.0	9.0	8.1	120	7.8	9.1	10.1
120	9.3	10.2	10.4	8.1	8.7	7.9	128	6.5	7.6	8.4
128	7.7	8.6	9.3	7.3	8.3	7.8	136	5.3	6.3	6.9
136	6.3	7.1	7.8	6.0	7.4	7.6	144	4.0	4.9	5.6
144	5.1	6.0	6.5	4.9	6.6	7.3	152	3.2	3.8	4.3
152	4.1	4.7	5.1	4.1	5.6	6.3	160	-	2.8	3.3
160	3.3	3.9	4.1	3.3	4.5	5.4	168	-	-	-
168	-	-	-	-	3.5	4.4	176	-	-	-
176	-	-	-	-	2.6	3.4				

 *191.6 ft

57,800 lb		25.3 ft x 23.0 ft		360°			85%			
 41.0 ft										
  37.4 ft										
 68.9 ft										
ft	0°	20°	40°	0°	20°	40°	ft	0°	20°	40°
1,000 lb										
10	36.6	-	-	22.0	-	-	20	36.6	-	-
12	36.6	-	-	21.8	-	-	24	36.6	-	17.0
14	36.6	-	-	21.7	-	-	28	36.6	-	16.9
16	36.6	-	-	21.4	-	-	32	36.6	-	16.6
18	36.6	-	-	21.2	-	-	36	36.6	-	16.3
20	36.6	34.6	-	20.9	-	-	40	36.5	28.7	16.1
24	36.6	31.9	-	20.4	-	-	48	35.0	26.9	15.6
28	36.6	29.5	-	19.7	-	-	56	31.5	25.0	15.2
32	35.3	27.5	22.5	18.9	-	-	64	28.0	23.3	14.7
36	32.6	25.8	21.5	17.9	-	-	72	23.7	21.6	14.3
40	29.9	24.3	20.6	16.8	13.6	-	80	19.8	20.0	13.8
48	25.8	21.7	19.3	14.9	12.3	-	88	17.1	17.7	13.0
56	22.5	19.9	18.6	13.2	11.2	9.7	96	15.0	15.3	12.1
64	19.9	18.9	-	11.7	10.3	9.1	104	13.1	13.3	11.3
72	-	-	-	10.6	9.5	8.6	112	11.2	11.8	10.2
80	-	-	-	9.8	9.0	8.3	120	9.7	10.0	9.3
88	-	-	-	9.1	8.5	8.2	128	8.9	9.0	8.5
96	-	-	-	8.5	8.2	-	136	7.6	7.6	7.4
							144	-	-	6.4
							152	-	-	5.9
							160	-	-	5.3

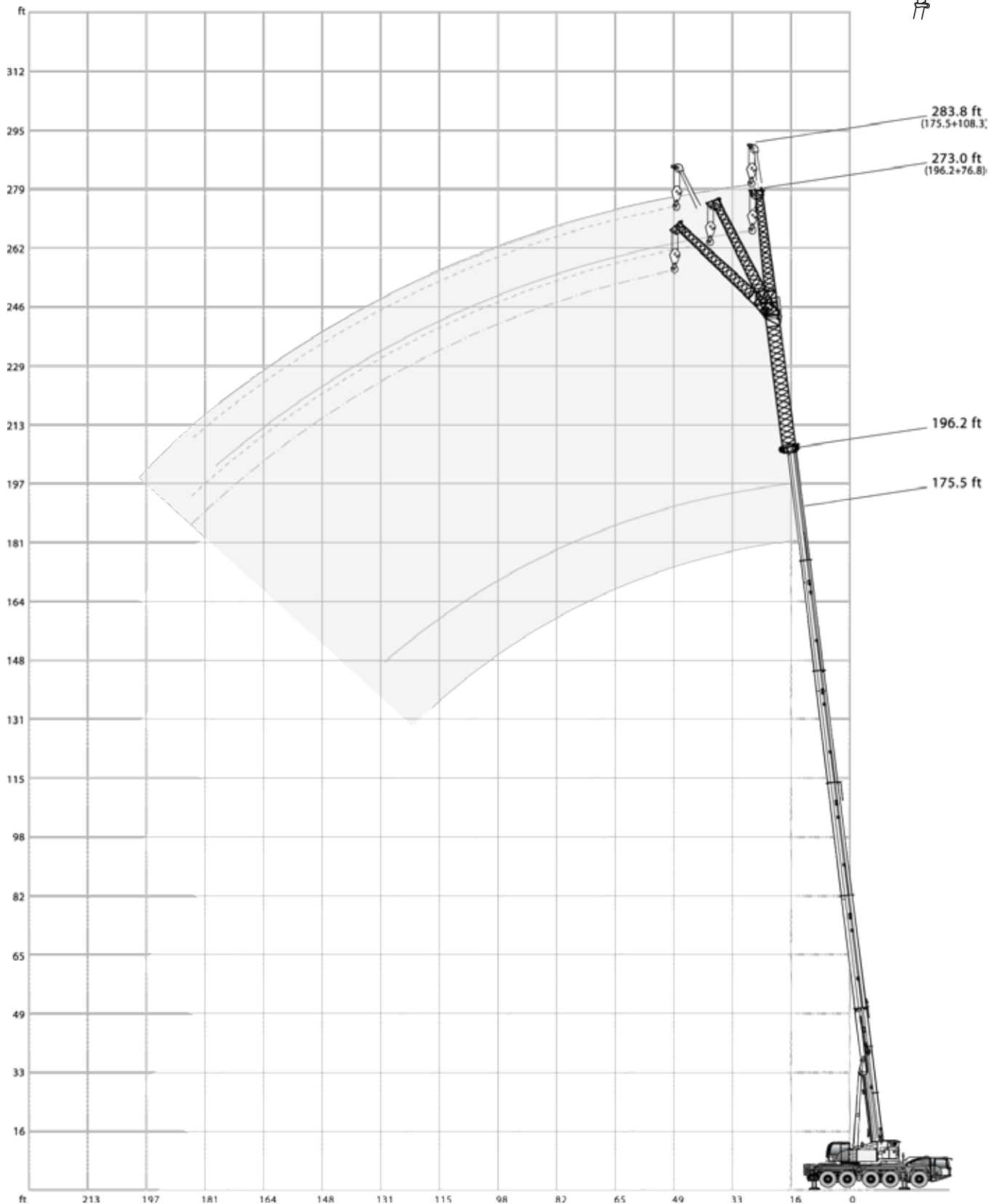
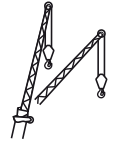
 175.5 ft										
  37.4 ft										
 68.9 ft										
ft	0°	20°	40°	0°	20°	40°	ft	0°	20°	40°
1,000 lb										
40	16.1	-	-	-	-	-	48	16.1	-	-
48	16.1	-	-	9.0	-	-	56	16.1	-	-
56	16.1	-	-	9.0	-	-	64	16.1	16.1	-
64	16.1	16.1	-	9.0	-	-	72	16.1	16.1	-
72	16.1	16.1	-	9.0	-	-	80	15.9	16.0	15.5
80	15.9	16.0	15.5	9.0	9.0	-	88	14.1	15.1	14.5
88	14.1	15.1	14.5	9.0	9.0	-	96	12.3	13.3	13.8
96	12.3	13.3	13.8	9.0	9.0	-	104	10.2	11.5	12.2
104	10.2	11.5	12.2	8.5	9.0	8.2	112	8.5	9.6	10.7
112	8.5	9.6	10.7	7.4	9.0	8.1	120	7.0	8.0	8.8
120	7.0	8.0	8.8	6.1	7.8	7.9	128	5.6	6.5	7.2
128	5.6	6.5	7.2	4.8	6.8	7.7	136	4.4	5.2	5.8
136	4.4	5.2	5.8	3.9	5.6	6.9	144	3.4	4.0	4.5
144	3.4	4.0	4.5	2.9	4.5	6.0	152	-	3.0	3.4
152	-	3.0	3.4	-	3.6	4.7	160	-	-	-
160	-	-	-	-	2.8	3.7				



 196.2 ft										
  37.4 ft										
 68.9 ft										
ft	0°	20°	40°	0°	20°*	40°*	ft	0°	20°*	40°*
1,000 lb										
48	11.7	-	-	-	-	-	56	11.7	-	-
56	11.7	-	-	6.6	-	-	64	11.7	-	-
64	11.7	-	-	6.6	-	-	72	11.7	11.7	-
72	11.7	11.7	-	6.6	-	-	80	11.7	11.7	11.7
80	11.7	11.7	11.7	6.6	-	-	88	11.7	11.7	11.7
88	11.7	11.7	11.7	6.6	7.1	-	96	10.6	11.5	11.7
96	10.6	11.5	11.7	6.6	7.1	-	104	8.4	10.0	11.1
104	8.4	10.0	11.1	6.6	7.1	-	112	6.8	8.3	9.4
112	6.8	8.3	9.4	5.9	7.1	7.1	120	5.4	6.7	7.8
120	5.4	6.7	7.8	4.4	6.9	7.1	128	4.2	5.3	6.3
128	4.2	5.3	6.3	3.3	5.8	7.1	136	3.1	4.2	4.9
136	3.1	4.2	4.9	-	4.7	6.3	144	-	3.1	3.8
144	-	3.1	3.8	-	3.6	5.1	152	-	-	-
152	-	-	-	-	-	4.0	160	-	-	-
160	-	-	-	-	-	3.1				


 * 191.6 ft


HAV-VA

AC 130-5









93,000 lb		25.3 ft x 23.0 ft		360°		85%	
 41.0 ft				 108.3 ft			
		76.8 ft		108.3 ft			
		0° 20° 40°		0° 20° 40°			
ft	1,000 lb						
14	36.6	-	-	-	-	-	-
16	36.6	-	-	-	-	-	-
18	35.7	-	-	-	-	-	-
20	34.6	-	-	17.0	-	-	-
24	31.6	-	-	16.7	-	-	-
28	28.6	-	-	16.4	-	-	-
32	25.7	22.3	-	16.1	-	-	-
36	23.5	20.5	-	15.9	-	-	-
40	21.5	19.0	17.5	15.5	-	-	-
48	18.0	16.4	15.4	14.1	13.0	-	-
56	15.4	14.4	13.6	12.5	11.4	-	-
64	13.6	12.8	12.2	11.1	10.1	-	-
72	12.2	11.5	11.0	9.7	9.1	-	-
80	10.9	10.4	10.2	8.7	8.0	-	-
88	9.8	9.4	9.4	7.9	7.3	-	-
96	8.8	8.8	-	7.1	6.6	-	-
104	8.2	8.0	-	6.3	6.0	-	-
112	-	-	-	5.7	5.5	-	-
120	-	-	-	5.2	5.2	-	-
128	-	-	-	4.8	4.7	-	-
136	-	-	-	4.5	-	-	-
32	22.3	-	-	-	-	-	-
36	22.2	-	-	12.1	-	-	-
40	22.0	-	-	12.1	-	-	-
48	21.3	19.0	-	12.1	-	-	-
56	19.9	17.4	-	11.8	-	-	-
64	18.4	15.9	14.3	11.5	-	-	-
72	17.0	14.6	13.5	11.0	10.2	-	-
80	15.4	13.7	12.5	10.5	9.4	-	-
88	14.2	12.7	11.9	10.0	8.8	-	-
96	13.1	11.9	11.2	9.3	8.1	-	-
104	12.2	11.1	10.6	8.7	7.6	-	-
112	11.4	10.6	10.1	8.1	7.0	-	-
120	10.7	10.0	9.6	7.6	6.7	-	-
128	10.0	9.5	9.3	7.1	6.3	-	-
136	9.4	8.9	8.9	6.7	6.0	-	-
144	8.8	8.6	8.6	6.2	5.5	-	-
152	8.3	8.1	4.4	5.9	5.3	-	-
160	7.7	7.6	-	5.4	5.0	-	-
168	3.7	3.6	-	5.2	4.8	-	-
176	3.5	3.3	-	4.9	4.6	-	-
184	-	-	-	4.7	4.5	-	-
192	-	-	-	4.4	-	-	-
200	-	-	-	3.6	-	-	-



 175.5 ft					
		76.8 ft		108.3 ft	
		0° 20° 40°		0° 20° 40°	
ft	1,000 lb				
56	8.8	-	-	-	-
64	8.8	-	-	4.9	-
72	8.8	-	-	4.9	-
80	8.8	8.8	7.7	4.9	-
88	8.8	8.8	7.5	4.9	-
96	8.8	8.8	7.4	4.9	4.9
104	8.8	8.8	7.3	4.9	4.9
112	8.8	8.6	7.0	4.9	4.9
120	8.3	8.0	6.8	4.9	4.9
128	7.7	7.6	6.7	4.9	4.9
136	7.3	7.2	6.6	4.9	4.9
144	6.9	6.8	6.4	4.9	4.9
152	6.3	6.3	6.3	4.6	4.6
160	5.4	5.8	5.9	4.3	4.3
168	4.7	5.0	5.3	3.9	4.1
176	4.1	4.5	4.5	3.2	3.8
184	3.3	3.7	3.8	-	3.3

 196.2 ft			
		76.8 ft	
		0° 20°* 40°*	
ft	1,000 lb		
64	6.0	-	-
72	6.0	-	-
80	6.0	6.4	-
88	6.0	6.4	6.1
96	6.0	6.4	6.0
104	6.0	6.4	6.0
112	6.0	6.4	5.7
120	6.0	6.4	5.7
128	6.0	6.4	5.6
136	6.0	6.4	5.5
144	6.0	6.2	5.5
152	5.6	5.7	5.5
160	4.6	5.3	5.3
168	3.8	4.7	5.0
176	3.0	3.9	4.3
184	-	3.1	3.4



 * 191.6 ft


69,700 lb		25.3 ft x 23.0 ft		360°		85%								
 41.0 ft														
 76.8 ft				 108.3 ft										
		0°		40°		0°		40°						
ft		1,000 lb						ft						
14	36.6	-	-	-	-	-	32	22.3	-	-	-	-	-	-
16	36.6	-	-	-	-	-	36	22.2	-	-	12.1	-	-	-
18	35.7	-	-	-	-	-	40	22.0	-	-	12.1	-	-	-
20	34.6	-	-	-	17.0	-	48	21.3	19.0	-	12.1	-	-	-
24	31.6	-	-	-	16.7	-	56	19.9	17.4	-	11.8	-	-	-
28	28.6	-	-	-	16.4	-	64	18.4	15.9	14.3	11.5	-	-	-
32	25.7	22.3	-	-	16.1	-	72	17.0	14.6	13.5	11.0	10.2	-	-
36	23.5	20.5	-	-	15.9	-	80	15.4	13.7	12.5	10.5	9.4	-	-
40	21.5	19.0	17.5	-	15.5	-	88	14.2	12.7	11.9	10.0	8.8	-	-
48	18.0	16.4	15.4	-	14.1	13.0	96	13.1	11.9	11.2	9.3	8.1	-	-
56	15.4	14.4	13.6	-	12.5	11.4	104	12.2	11.1	10.6	8.7	7.6	-	-
64	13.6	12.8	12.2	-	11.1	10.1	112	11.4	10.6	10.1	8.1	7.0	-	-
72	12.2	11.5	11.0	-	9.7	9.1	120	10.5	10.0	9.6	7.6	6.7	-	-
80	10.9	10.4	10.2	-	8.7	8.0	128	9.3	9.5	9.3	7.1	6.3	-	-
88	9.8	9.4	9.4	-	7.9	7.3	136	8.1	8.5	8.7	6.7	6.0	-	-
96	8.8	8.8	-	-	7.1	6.6	144	7.1	7.5	7.6	6.2	5.5	-	-
104	8.2	8.0	-	-	6.3	6.0	152	6.1	6.5	4.4	5.7	5.3	-	-
112	-	-	-	-	5.7	5.5	160	5.7	5.8	-	5.1	5.0	-	-
120	-	-	-	-	5.2	5.2	168	3.7	3.6	-	4.5	4.7	-	-
128	-	-	-	-	4.8	4.7	176	3.5	3.3	-	3.6	4.2	-	-
136	-	-	-	-	4.5	-	184	-	-	-	3.2	3.5	-	-
							192	-	-	-	2.8	-	-	-
							200	-	-	-	2.4	-	-	-


 175.5 ft													
 76.8 ft				 108.3 ft									
		0°		40°		0°		40°					
ft		1,000 lb						ft					
56	8.8	-	-	-	-	-	64	8.8	-	-	4.9	-	-
64	8.8	-	-	-	4.9	-	72	8.8	-	-	4.9	-	-
72	8.8	-	-	-	4.9	-	80	8.8	8.8	7.7	4.9	-	-
80	8.8	8.8	7.7	-	4.9	-	88	8.8	8.8	7.5	4.9	-	-
88	8.8	8.8	7.5	-	4.9	-	96	8.8	8.8	7.4	4.9	4.9	-
96	8.8	8.8	7.4	-	4.9	4.9	104	8.8	8.8	7.3	4.9	4.9	-
104	8.8	8.8	7.3	-	4.9	4.9	112	8.8	8.6	7.0	4.9	4.9	-
112	8.8	8.6	7.0	-	4.9	4.9	120	7.6	8.0	6.8	4.9	4.9	-
120	7.6	8.0	6.8	-	4.9	4.9	128	6.7	7.3	6.7	4.7	4.9	-
128	6.7	7.3	6.7	-	4.7	4.9	136	5.5	6.4	6.6	4.0	4.9	-
136	5.5	6.4	6.6	-	4.0	4.9	144	4.5	5.3	6.0	2.9	4.9	-
144	4.5	5.3	6.0	-	2.9	4.9	152	3.6	4.5	5.1	-	3.8	-
152	3.6	4.5	5.1	-	-	3.8	160	2.7	3.5	4.1	-	2.8	-
160	2.7	3.5	4.1	-	-	2.8							

 196.2 ft										
 76.8 ft										
		0°		20°*		40°*				
ft		1,000 lb								
64	6.0	-	-	-	-	-	72	6.0	-	-
72	6.0	-	-	-	-	-	80	6.0	6.4	-
80	6.0	6.4	-	-	-	-	88	6.0	6.4	6.1
88	6.0	6.4	6.1	-	-	-	96	6.0	6.4	6.0
96	6.0	6.4	6.0	-	-	-	104	6.0	6.4	6.0
104	6.0	6.4	6.0	-	-	-	112	6.0	6.4	5.7
112	6.0	6.4	5.7	-	-	-	120	5.8	6.4	5.7
120	5.8	6.4	5.7	-	-	-	128	5.1	6.3	5.6
128	5.1	6.3	5.6	-	-	-	136	4.0	5.5	5.5
136	4.0	5.5	5.5	-	-	-	144	2.9	4.5	5.1
144	2.9	4.5	5.1	-	-	-	152	-	3.4	4.1
152	-	3.4	4.1	-	-	-	160	-	-	3.2
160	-	-	3.2	-	-	-				

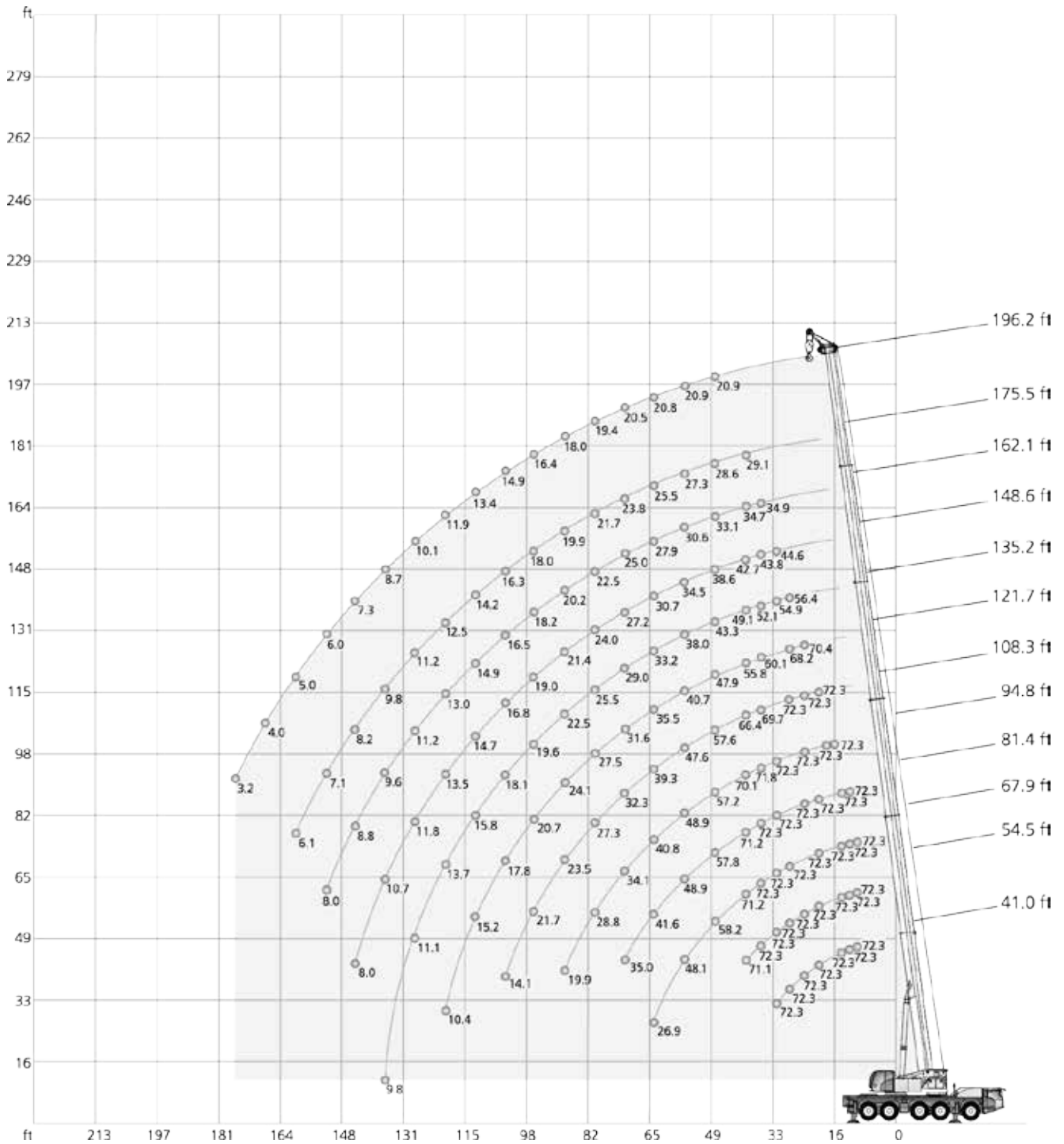
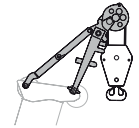
 * 191.6 ft

57,800 lb		25.3 ft x 23.0 ft		360°		85%	
 41.0 ft				 108.3 ft			
ft	76.8 ft			108.3 ft			1,000 lb
	0°	20°	40°	0°	20°	40°	
14	36.6	-	-	-	-	-	
16	36.6	-	-	-	-	-	
18	35.7	-	-	-	-	-	
20	34.6	-	-	17.0	-	-	
24	31.6	-	-	16.7	-	-	
28	28.6	-	-	16.4	-	-	
32	25.7	22.3	-	16.1	-	-	
36	23.5	20.5	-	15.9	-	-	
40	21.5	19.0	17.5	15.5	-	-	
48	18.0	16.4	15.4	14.1	13.0	-	
56	15.4	14.4	13.6	12.5	11.4	-	
64	13.6	12.8	12.2	11.1	10.1	-	
72	12.2	11.5	11.0	9.7	9.1	-	
80	10.9	10.4	10.2	8.7	8.0	-	
88	9.8	9.4	9.4	7.9	7.3	-	
96	8.8	8.8	-	7.1	6.6	-	
104	8.2	8.0	-	6.3	6.0	-	
112	-	-	-	5.7	5.5	-	
120	-	-	-	5.2	5.2	-	
128	-	-	-	4.8	4.7	-	
136	-	-	-	4.5	-	-	

 175.5 ft							
ft	76.8 ft			108.3 ft			1,000 lb
	0°	20°	40°	0°	20°	40°	
56	8.8	-	-	-	-	-	
64	8.8	-	-	4.9	-	-	
72	8.8	-	-	4.9	-	-	
80	8.8	8.8	7.7	4.9	-	-	
88	8.8	8.8	7.5	4.9	-	-	
96	8.8	8.8	7.4	4.9	4.9	-	
104	8.1	8.8	7.3	4.9	4.9	-	
112	7.0	7.8	7.0	4.8	4.9	-	
120	5.6	6.7	6.8	3.9	4.9	-	
128	4.4	5.5	6.2	2.9	4.6	-	
136	3.3	4.4	5.2	-	3.8	-	
144	2.5	3.4	4.2	-	2.7	-	
152	-	-	3.2	-	-	-	






 196.2 ft				
ft	76.8 ft			1,000 lb
	0°	20°*	40°*	
64	6.0	-	-	
72	6.0	-	-	
80	6.0	6.4	-	
88	6.0	6.4	6.1	
96	6.0	6.4	6.0	
104	6.0	6.4	6.0	
112	5.2	6.4	5.7	
120	3.9	5.6	5.7	
128	2.9	4.4	5.3	
136	-	3.3	4.2	
144	-	2.3	3.1	

 *191.6 ft



93,000 lb		25.3 ft x 23.0 ft											360°		85%	
ft	41.0 ft	54.5 ft	67.9 ft	81.4 ft	94.8 ft	108.3 ft	121.7 ft	135.2 ft	148.6 ft	162.1 ft	175.5 ft	196.2 ft	ft			
1,000 lb														ft		
10	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	-	10		
12	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	12		
14	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	14		
16	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	16		
18	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	18		
20	72.3	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	20		
24	72.3	72.3	72.3	72.3	72.3	72.3	70.4	-	-	-	-	-	-	24		
28	72.3	72.3	72.3	72.3	72.3	72.3	68.2	56.4	-	-	-	-	-	28		
32	72.3	72.3	72.3	72.3	72.3	72.3	64.4	54.9	44.6	-	-	-	-	32		
36	-	72.3	72.3	72.3	71.8	69.7	60.1	52.1	43.8	34.9	-	-	-	36		
40	-	71.1	71.2	71.2	70.1	66.4	55.8	49.1	42.7	34.7	29.1	-	-	40		
48	-	-	58.2	57.8	57.2	57.6	47.9	43.3	38.6	33.1	28.6	20.9	-	48		
56	-	-	48.1	48.9	48.9	47.6	40.7	38.0	34.5	30.6	27.3	20.9	56			
64	-	-	26.9	41.6	40.8	39.3	35.5	33.2	30.7	27.9	25.5	20.8	64			
72	-	-	-	35.0	34.1	32.3	31.6	29.0	27.2	25.0	23.8	20.5	72			
80	-	-	-	-	28.8	27.3	27.5	25.5	24.0	22.5	21.7	19.4	80			
88	-	-	-	-	19.9	23.5	24.1	22.5	21.4	20.2	19.9	18.0	88			
96	-	-	-	-	-	21.7	20.7	19.6	19.0	18.2	18.0	16.4	96			
104	-	-	-	-	-	14.1	17.8	18.1	16.8	16.5	16.3	14.9	104			
112	-	-	-	-	-	-	15.2	15.8	14.7	14.9	14.2	13.4	112			
120	-	-	-	-	-	-	10.4	13.7	13.5	13.0	12.5	11.9	120			
128	-	-	-	-	-	-	-	11.1	11.8	11.2	11.2	10.1	128			
136	-	-	-	-	-	-	-	9.8	10.7	9.6	9.8	8.7	136			
144	-	-	-	-	-	-	-	-	8.0	8.8	8.2	7.3	144			
152	-	-	-	-	-	-	-	-	-	8.0	7.1	6.0	152			
160	-	-	-	-	-	-	-	-	-	-	6.1	5.0	160			
168	-	-	-	-	-	-	-	-	-	-	-	4.0	168			
176	-	-	-	-	-	-	-	-	-	-	-	3.2	176			
1)	29.8	22.0	17.0	13.2	10.4	7.7	5.7	3.5	-	-	-	-	1)			

1) Capacities with horizontal boom

 69,700 lb		 25.3 ft x 23.0 ft											360°		85%	
 		41.0 ft	54.5 ft	67.9 ft	81.4 ft	94.8 ft	108.3 ft	121.7 ft	135.2 ft	148.6 ft	162.1 ft	175.5 ft	196.2 ft			
ft	1,000 lb													ft		
10	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	-	-	10	
12	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	-	12	
14	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	-	14	
16	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	16	
18	72.3	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	18	
20	72.3	72.3	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	20	
24	72.3	72.3	72.3	72.3	72.3	72.3	72.3	70.4	-	-	-	-	-	-	24	
28	72.3	72.3	72.3	72.3	72.3	72.3	72.3	68.2	56.4	-	-	-	-	-	28	
32	72.3	72.3	72.3	72.3	72.3	72.3	72.3	64.4	54.9	44.6	-	-	-	-	32	
36	-	70.3	70.4	70.1	69.4	69.7	60.1	52.1	43.8	34.9	-	-	-	-	36	
40	-	66.9	67.1	66.4	65.0	65.8	55.8	49.1	42.7	34.7	29.1	-	-	-	40	
48	-	-	51.9	52.7	52.4	50.7	47.5	43.3	38.6	33.1	28.6	20.9	-	-	48	
56	-	-	42.1	42.0	41.0	39.3	38.8	36.9	34.5	30.6	27.3	20.9	56	-	56	
64	-	-	24.8	33.9	32.8	31.8	31.8	30.6	29.7	27.9	25.5	20.8	64	-	64	
72	-	-	-	27.9	27.0	27.8	26.4	25.0	25.4	24.8	23.8	20.5	72	-	72	
80	-	-	-	-	23.1	23.4	21.9	22.3	21.2	21.4	21.0	19.4	80	-	80	
88	-	-	-	-	16.0	19.9	19.5	18.8	18.5	18.3	17.8	17.2	88	-	88	
96	-	-	-	-	-	17.1	17.3	15.8	16.3	15.4	15.2	14.1	96	-	96	
104	-	-	-	-	-	13.5	14.8	14.5	14.0	13.9	12.6	11.7	104	-	104	
112	-	-	-	-	-	-	11.2	12.5	11.8	11.8	10.7	9.6	112	-	112	
120	-	-	-	-	-	-	10.4	10.9	10.0	10.0	8.9	7.8	120	-	120	
128	-	-	-	-	-	-	-	9.4	8.5	8.5	7.4	6.3	128	-	128	
136	-	-	-	-	-	-	-	8.2	7.3	7.1	6.0	4.9	136	-	136	
144	-	-	-	-	-	-	-	-	5.6	6.0	4.9	3.8	144	-	144	
152	-	-	-	-	-	-	-	-	-	5.0	3.9	-	152	-	152	
160	-	-	-	-	-	-	-	-	-	-	3.1	-	160	-	160	
1)	29.8	22.0	17.0	13.2	10.4	7.7	5.7	3.5	-	-	-	-	1)	-	1)	

1) Capacities with horizontal boom

57,800 lb		25.3 ft x 23.0 ft											360°		85%	
41.0 ft		54.5 ft	67.9 ft	81.4 ft	94.8 ft	108.3 ft	121.7 ft	135.2 ft	148.6 ft	162.1 ft	175.5 ft	196.2 ft				
ft	1,000 lb												ft			
10	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	-	10		
12	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	12		
14	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	14		
16	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	16		
18	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	18		
20	72.3	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	20		
24	72.3	72.3	72.3	72.3	72.3	72.3	70.4	-	-	-	-	-	-	24		
28	72.3	72.3	72.3	72.3	72.3	72.3	68.2	56.4	-	-	-	-	-	28		
32	72.3	72.3	72.3	72.3	72.3	72.3	64.4	54.9	44.6	-	-	-	-	32		
36	-	67.6	67.7	67.2	66.8	66.7	60.1	52.1	43.8	34.9	-	-	-	36		
40	-	61.2	61.5	60.4	62.1	59.6	55.5	49.1	42.7	34.7	29.1	-	-	40		
48	-	-	47.4	47.2	46.1	44.3	43.9	42.1	38.5	33.1	28.6	20.9	-	48		
56	-	-	36.8	36.8	35.7	35.0	34.8	33.7	32.5	30.6	27.3	20.9	56			
64	-	-	23.6	29.4	28.4	29.3	28.0	27.5	27.0	26.1	25.5	20.8	64			
72	-	-	-	24.1	25.0	24.1	23.4	23.0	22.8	22.4	21.7	20.5	72			
80	-	-	-	-	21.1	20.0	20.4	19.1	19.5	18.8	18.4	17.1	80			
88	-	-	-	-	14.2	17.5	17.2	17.0	16.2	16.2	15.1	13.9	88			
96	-	-	-	-	-	15.5	14.5	14.3	13.5	13.5	12.4	11.3	96			
104	-	-	-	-	-	13.4	12.8	12.2	11.3	11.3	10.2	9.1	104			
112	-	-	-	-	-	-	11.1	10.3	9.4	9.4	8.3	7.2	112			
120	-	-	-	-	-	-	9.4	8.7	7.8	7.8	6.7	5.6	120			
128	-	-	-	-	-	-	-	7.3	6.5	6.4	5.3	4.2	128			
136	-	-	-	-	-	-	-	6.2	5.3	5.2	4.0	2.9	136			
144	-	-	-	-	-	-	-	-	3.6	4.2	3.1	-	144			
152	-	-	-	-	-	-	-	-	-	3.2	-	-	152			
1)	29.8	22.0	17.0	13.2	10.4	7.7	5.7	3.5	-	-	-	-	1)			

1) Capacities with horizontal boom

23,600 lb		25.3 ft x 23.0 ft												360°		85%	
ft		41.0 ft	54.5 ft	67.9 ft	81.4 ft	94.8 ft	108.3 ft	121.7 ft	135.2 ft	148.6 ft	162.1 ft	175.5 ft	196.2 ft	ft			
1,000 lb																	
10	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	-	10			
12	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	12			
14	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	14			
16	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	16			
18	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	18			
20	72.3	72.3	72.3	72.3	72.3	72.3	68.3	-	-	-	-	-	-	20			
24	72.3	72.3	72.3	72.3	72.3	71.3	58.7	-	-	-	-	-	-	24			
28	68.5	70.0	70.1	69.7	67.4	63.8	50.8	53.4	-	-	-	-	-	28			
32	56.1	58.6	59.7	60.1	56.4	53.0	43.4	46.5	42.4	-	-	-	-	32			
36	-	48.4	50.2	49.9	47.6	46.1	38.3	40.8	37.6	33.1	-	-	-	36			
40	-	39.8	40.9	40.7	40.5	40.5	30.0	35.9	34.7	32.6	28.7	-	-	40			
48	-	-	30.0	31.0	30.7	29.8	23.4	29.1	27.4	26.2	23.8	20.1	-	48			
56	-	-	23.5	24.0	23.7	23.7	18.3	22.5	21.2	20.5	18.4	16.3	56				
64	-	-	18.3	18.8	18.9	18.8	14.4	17.7	16.5	16.0	14.2	12.1	64				
72	-	-	-	15.1	15.3	14.9	11.5	13.8	12.6	12.4	10.7	8.7	72				
80	-	-	-	-	12.4	12.0	9.1	10.6	9.8	9.8	8.0	6.3	80				
88	-	-	-	-	10.1	9.6	7.2	8.3	7.4	7.4	5.8	4.2	88				
96	-	-	-	-	-	7.6	5.7	6.4	5.6	5.4	4.2	-	96				
104	-	-	-	-	-	6.1	4.3	4.8	3.9	3.9	2.8	-	104				
112	-	-	-	-	-	-	3.3	3.5	-	-	-	-	112				
120	-	-	-	-	-	-	-	-	-	-	-	-	120				
1)	29.8	22.0	17.0	12.3	8.8	5.7	3.5	-	-	-	-	-	1)				

19,000 lb		25.3 ft x 23.0 ft												360°		85%	
ft		41.0 ft	54.5 ft	67.9 ft	81.4 ft	94.8 ft	108.3 ft	121.7 ft	135.2 ft	148.6 ft	162.1 ft	175.5 ft	196.2 ft	ft			
1,000 lb																	
10	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	-	10			
12	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	12			
14	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	-	14			
16	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	16			
18	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	-	18			
20	72.3	72.3	72.3	72.3	72.3	72.3	-	-	-	-	-	-	-	20			
24	72.3	72.3	72.3	72.3	71.3	69.9	66.4	-	-	-	-	-	-	24			
28	66.0	67.4	67.5	67.2	63.5	59.4	56.0	50.3	-	-	-	-	-	28			
32	51.9	54.4	56.7	56.0	52.3	50.1	47.0	44.7	40.4	-	-	-	-	32			
36	-	45.4	46.6	46.4	44.2	43.9	40.8	38.8	35.9	31.7	-	-	-	36			
40	-	36.8	37.9	37.7	39.0	37.3	36.1	35.0	32.6	29.8	27.6	-	-	40			
48	-	-	28.2	29.0	28.4	28.6	28.4	26.6	24.8	23.8	21.5	19.1	-	48			
56	-	-	21.6	22.0	22.1	22.0	21.6	20.6	19.0	18.4	16.3	14.2	56				
64	-	-	16.7	17.2	17.4	17.2	16.7	15.9	14.9	14.2	12.2	10.2	64				
72	-	-	-	13.5	13.7	13.3	12.9	12.2	11.1	10.9	8.9	7.1	72				
80	-	-	-	-	11.1	10.6	10.2	9.3	8.4	8.3	6.5	4.7	80				
88	-	-	-	-	8.8	8.4	8.0	7.1	6.2	6.2	4.5	-	88				
96	-	-	-	-	-	6.5	6.1	5.3	4.5	4.5	2.9	-	96				
104	-	-	-	-	-	5.0	4.6	3.7	3.0	2.8	-	-	104				
112	-	-	-	-	-	-	3.5	-	-	-	-	-	112				
1)	29.8	22.0	16.1	11.0	7.7	4.9	2.6	-	-	-	-	-	1)				

1) Capacities with horizontal boom