

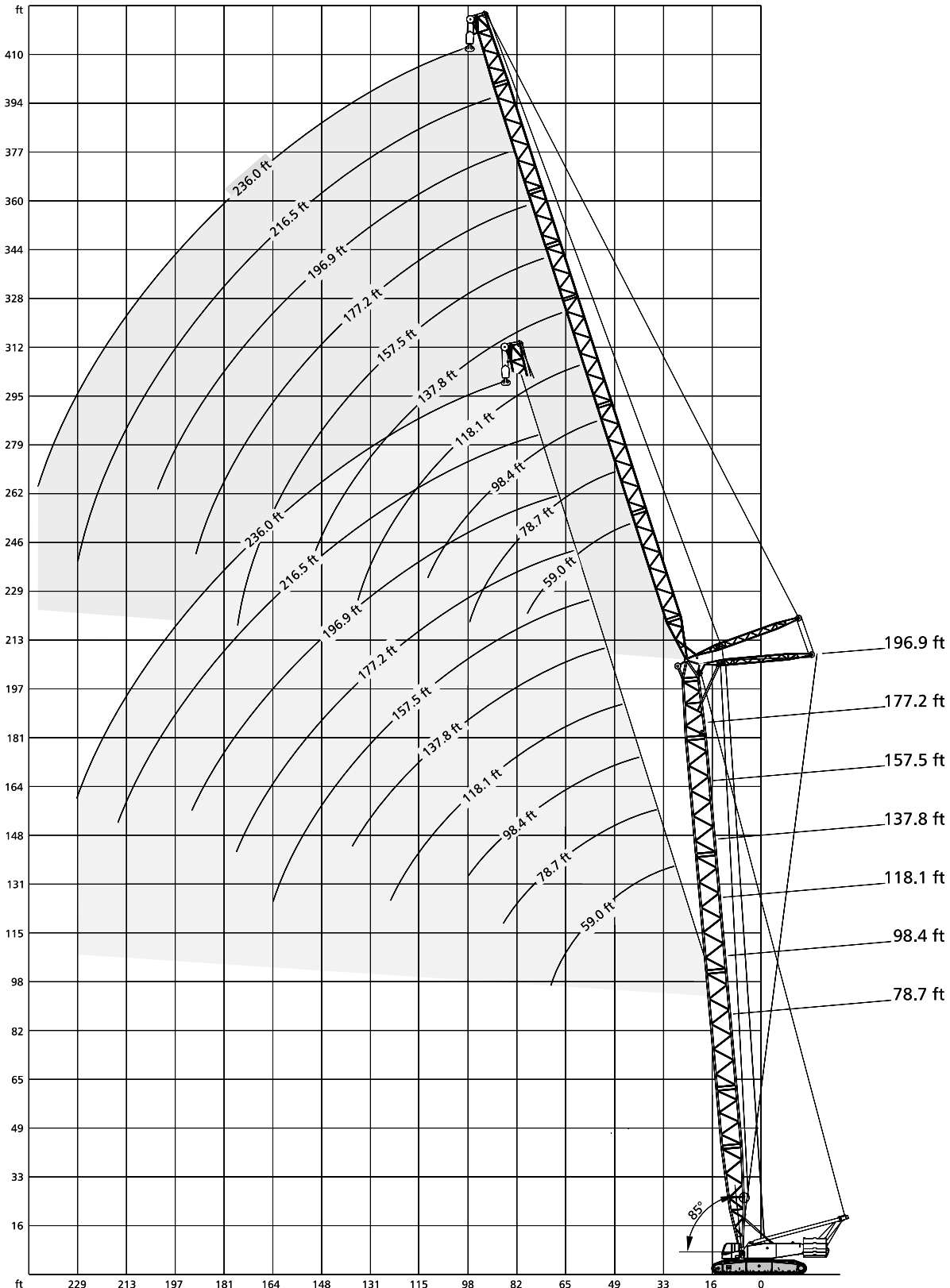


LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 1800-1 - 330 TON CAPACITY

Working ranges luffing fly jib, main boom 85°

SW



Lifting capacities luffing fly jib, main boom 85°

265 klb + 66 klb CB  23.8 ft 360° DIN/ISO

78.7 ft Main boom		Fly jib									
Radius	ft	59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2
ft		1,000 lb									
39	302.0	-	-	-	-	-	-	-	-	-	-
46	240.3	240.3	-	-	-	-	-	-	-	-	-
52	200.6	198.4	198.4	-	-	-	-	-	-	-	-
59	172.0	169.8	169.8	167.6	-	-	-	-	-	-	-
65	147.7	147.7	147.7	145.5	145.5	-	-	-	-	-	-
72	130.1	130.1	130.1	127.9	127.9	125.7	-	-	-	-	-
79	-	116.8	114.6	114.6	112.4	112.4	110.2	-	-	-	-
85	-	105.8	103.6	103.6	101.4	101.4	99.2	99.2	-	-	-
92	-	-	94.8	92.6	92.6	90.4	90.4	88.2	88.2	-	-
98	-	-	86.0	86.0	83.8	83.8	81.6	81.6	79.4	79.4	-
111	-	-	-	72.8	70.5	70.5	68.3	68.3	66.1	66.1	-
124	-	-	-	61.7	59.5	59.5	57.3	57.3	55.1	55.1	-
138	-	-	-	-	52.9	52.9	50.7	50.7	48.5	48.5	-
151	-	-	-	-	-	46.3	44.1	44.1	41.9	41.9	-
164	-	-	-	-	-	39.7	39.7	37.5	37.5	37.5	-
177	-	-	-	-	-	-	35.3	33.1	33.1	33.1	-
190	-	-	-	-	-	-	-	30.9	28.7	28.7	-
203	-	-	-	-	-	-	-	-	26.5	24.3	-
216	-	-	-	-	-	-	-	-	-	24.3	22.0
229	-	-	-	-	-	-	-	-	-	-	19.8

98.4 ft Main boom		Fly jib									
46	240.3	-	-	-	-	-	-	-	-	-	-
52	198.4	198.4	-	-	-	-	-	-	-	-	-
59	169.8	169.8	167.6	-	-	-	-	-	-	-	-
65	147.7	147.7	145.5	143.3	-	-	-	-	-	-	-
72	130.1	130.1	127.9	127.9	125.7	-	-	-	-	-	-
79	-	114.6	114.6	112.4	112.4	110.2	-	-	-	-	-
85	-	103.6	103.6	101.4	101.4	99.2	99.2	-	-	-	-
92	-	94.8	92.6	92.6	90.4	90.4	88.2	88.2	-	-	-
98	-	-	86.0	83.8	83.8	81.6	81.6	79.4	79.4	77.2	-
111	-	-	72.8	70.5	70.5	68.3	68.3	66.1	66.1	-	-
124	-	-	-	61.7	59.5	59.5	57.3	57.3	55.1	55.1	-
138	-	-	-	-	52.9	50.7	50.7	48.5	48.5	48.5	-
151	-	-	-	-	-	46.3	44.1	44.1	41.9	41.9	-
164	-	-	-	-	-	39.7	39.7	37.5	37.5	35.3	-
177	-	-	-	-	-	-	35.3	33.1	33.1	30.9	-
190	-	-	-	-	-	-	-	30.9	28.7	28.7	-
203	-	-	-	-	-	-	-	-	26.5	26.5	24.3
216	-	-	-	-	-	-	-	-	-	22.0	22.0
229	-	-	-	-	-	-	-	-	-	-	19.8
243	-	-	-	-	-	-	-	-	-	-	17.6

118.1 ft Main boom		Fly jib									
46	238.1	-	-	-	-	-	-	-	-	-	-
52	198.4	196.2	-	-	-	-	-	-	-	-	-
59	167.6	167.6	165.3	-	-	-	-	-	-	-	-
65	145.5	145.5	143.3	143.3	-	-	-	-	-	-	-
72	130.1	127.9	127.9	125.7	125.7	-	-	-	-	-	-
79	-	114.6	112.4	112.4	110.2	110.2	-	-	-	-	-
85	-	103.6	101.4	101.4	99.2	99.2	97.0	-	-	-	-
92	-	92.6	92.6	90.4	90.4	90.4	88.2	88.2	-	-	-
98	-	-	83.8	83.8	81.6	81.6	79.4	79.4	79.4	-	-
111	-	-	72.8	70.5	70.5	68.3	68.3	66.1	66.1	63.9	-
124	-	-	-	61.7	59.5	59.5	57.3	57.3	55.1	55.1	-
138	-	-	-	-	52.9	50.7	50.7	48.5	48.5	46.3	-
151	-	-	-	-	46.3	44.1	44.1	41.9	41.9	39.7	-
164	-	-	-	-	-	39.7	37.5	37.5	37.5	35.3	-
177	-	-	-	-	-	-	33.1	33.1	33.1	30.9	-
190	-	-	-	-	-	-	-	28.7	28.7	26.5	-
203	-	-	-	-	-	-	-	-	26.5	26.5	24.3
216	-	-	-	-	-	-	-	-	-	22.0	19.8
229	-	-	-	-	-	-	-	-	-	-	17.6
243	-	-	-	-	-	-	-	-	-	-	15.4

137.8 ft Main boom		Fly jib									
Radius	ft	59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2
ft		1,000 lb									
46	235.9	-	-	-	-	-	-	-	-	-	-
52	196.2	194.0	-	-	-	-	-	-	-	-	-
59	167.6	165.3	165.3	-	-	-	-	-	-	-	-
65	145.5	143.3	143.3	141.1	-	-	-	-	-	-	-
72	127.9	127.9	125.7	125.7	123.5	-	-	-	-	-	-
79	-	112.4	112.4	110.2	110.2	108.0	-	-	-	-	-
85	-	101.4	101.4	99.2	99.2	97.0	97.0	-	-	-	-
92	-	92.6	92.6	90.4	90.4	88.2	88.2	86.0	-	-	-
98	-	-	83.8	81.6	81.6	81.6	79.4	79.4	72.8	-	-
111	-	-	70.5	70.5	68.3	68.3	66.1	66.1	66.1	63.9	-
124	-	-	-	59.5	59.5	57.3	57.3	55.1	55.1	52.9	-
138	-	-	-	-	50.7	50.7	48.5	48.5	48.5	46.3	-
151	-	-	-	-	-	46.3	44.1	44.1	41.9	41.9	39.7
164	-	-	-	-	-	-	39.7	37.5	37.5	35.3	35.3
177	-	-	-	-	-	-	-	33.1	33.1	30.9	30.9
190	-	-	-	-	-	-	-	-	30.9	28.7	26.5
203	-	-	-	-	-	-	-	-	-	26.5	24.3
216	-	-	-	-	-	-	-	-	-	-	22.0
229	-	-	-	-	-	-	-	-	-	-	17.6
243	-	-	-	-	-	-	-	-	-	-	15.4

157.5 ft Main boom		Fly jib									
46	216.1	-	-	-	-	-	-	-	-	-	-
52	194.0	185.2	-	-	-	-	-	-	-	-	-
59	165.3	165.3	158.7	-	-	-	-	-	-	-	-
65	143.3	143.3	141.1	132.3	-	-	-	-	-	-	-
72	125.7	125.7	125.7	123.5	116.8	-	-	-	-	-	-
79	112.4	112.4	110.2	110.2	108.0	101.4	-	-	-	-	-
85	-	101.4	99.2	99.2	97.0	97.0	88.2	-	-	-	-
92	-	92.6	90.4	90.4	88.2	88.2	83.8	75.0	-	-	-
98	-	-	83.8	81.6	81.6	79.4	79.4	72.8	66.1	-	-
111	-	-	70.5	68.3	68.3	66.1	66.1	63.9	63.9	52.9	-
124	-	-	-	59.5	57.3	57.3	55.1	55.1	55.1	50.7	-
138	-	-	-	-	50.7	48.5	48.5	48.5	46.3	46.3	-
151	-	-	-	-	-	44.1	44.1	41.9	41.9	39.7	39.7
164	-	-	-	-	-	-	37.5	37.5	35.3	35.3	35.3
177	-	-	-	-	-	-	-	33.1	33.1	30.9	30.9
190	-	-	-	-	-	-	-	-	28.7	28.7	26.5
203	-	-	-	-	-	-	-	-	-	24.3	24.3
216	-	-	-	-	-	-	-	-	-	-	22.0
229	-	-	-	-	-	-	-	-	-	-	19.8
243	-	-	-	-	-	-	-	-	-	-	17.6

177.2 ft Main boom		Fly jib									
52	174.2	-	-	-	-	-	-	-	-	-	-
59	163.1	149.9	-	-	-	-	-	-	-	-	-
65	141.1	141.1	127.9	-	-	-	-	-	-	-	-
72	125.7	123.5	123.5	110.2	-	-	-	-	-	-	-
79	112.4	110.2	110.2	105.8	94.8	-	-	-	-	-	-
85	-	99.2	99.2	97.0	92.6	83.8	-	-	-	-	-
92	-	90.4	90.4	88.2	88.2	79.4	72.8	-	-	-	-
98	-	83.8	81.6	81.6	79.4	77.2	70.5	59.5	-	-	-
111	-	-	68.3	68.3	66.1	66.1	63.9	57.3	50.7	39.7	-
124	-	-	-	59.5	57.3	57.3	55.1	55.1	48.5	39.7	-
138	-	-	-	-	50.7	50.7	48.5	48.5	46.3	46.3	39.7
151	-	-	-	-	-	44.1	41.9	41.9	39.7	39.7	37.5
164	-	-	-	-	-	-	37.5	37.5	35.3	35.3	33.1
177	-	-	-	-	-	-	-	33.1	30.9	30.9	28.7
190	-	-	-	-	-	-	-	-	28.7	28.7	26.5
203	-	-	-	-	-	-	-	-	-	24.3	24.3
216	-	-	-	-	-	-	-	-	-	-	22.0
229	-	-	-	-	-	-	-	-	-	-	19.8
243	-	-	-	-	-	-	-	-	-	-	17.6

STERLING CRANE

Lifting capacities luffing fly jib, main boom 85°

265 klb + 66 klb CB  23.8 ft 360° DIN/ISO

196.9 ft Main boom

SW	Radius ft	Fly jib									
		59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2
		1,000 lb									
	52	149.9	-	-	-	-	-	-	-	-	-
	59	143.3	125.7	-	-	-	-	-	-	-	-
	65	136.7	121.3	110.2	-	-	-	-	-	-	-
	72	123.5	116.8	108.0	97.0	-	-	-	-	-	-
	79	110.2	110.2	103.6	92.6	81.6	-	-	-	-	-
	85	-	99.2	97.0	90.4	81.6	72.8	-	-	-	-
	92	-	90.4	88.2	86.0	79.4	70.5	61.7	-	-	-
	98	-	81.6	81.6	79.4	75.0	68.3	59.5	50.7	-	-
	111	-	-	68.3	66.1	66.1	63.9	57.3	48.5	44.1	30.9
	124	-	-	-	57.3	57.3	55.1	55.1	46.3	41.9	30.9
	138	-	-	-	50.7	48.5	48.5	46.3	44.1	39.7	30.9
	151	-	-	-	-	44.1	41.9	41.9	39.7	37.5	28.7
	164	-	-	-	-	-	37.5	35.3	35.3	33.1	28.7
	177	-	-	-	-	-	33.1	30.9	30.9	30.9	26.5
	190	-	-	-	-	-	-	28.7	26.5	26.5	24.3
	203	-	-	-	-	-	-	-	24.3	22.0	22.0
	216	-	-	-	-	-	-	-	-	19.8	17.6
	229	-	-	-	-	-	-	-	-	17.6	15.4
	243	-	-	-	-	-	-	-	-	-	13.2

198 klb  23.8 ft 360° DIN/ISO

78.7 ft Main boom

SW	Radius ft	Fly jib									
		59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2
		1,000 lb									
	39	227.1	-	-	-	-	-	-	-	-	-
	46	180.8	178.6	-	-	-	-	-	-	-	-
	52	149.9	147.7	147.7	-	-	-	-	-	-	-
	59	127.9	125.7	125.7	123.5	-	-	-	-	-	-
	65	110.2	110.2	108.0	108.0	105.8	-	-	-	-	-
	72	97.0	97.0	94.8	94.8	92.6	92.6	-	-	-	-
	79	-	86.0	83.8	83.8	81.6	81.6	79.4	-	-	-
	85	-	77.2	75.0	75.0	72.8	72.8	70.5	70.5	-	-
	92	-	-	68.3	68.3	66.1	66.1	63.9	63.9	61.7	-
	98	-	-	61.7	61.7	59.5	59.5	57.3	57.3	57.3	55.1
	111	-	-	-	50.7	50.7	48.5	48.5	46.3	46.3	46.3
	124	-	-	-	44.1	41.9	41.9	39.7	39.7	39.7	37.5
	138	-	-	-	-	37.5	35.3	35.3	33.1	33.1	30.9
	151	-	-	-	-	-	30.9	30.9	28.7	28.7	26.5
	164	-	-	-	-	-	26.5	26.5	24.3	24.3	22.0
	177	-	-	-	-	-	-	22.0	22.0	19.8	19.8
	190	-	-	-	-	-	-	-	17.6	17.6	15.4
	203	-	-	-	-	-	-	-	-	15.4	13.2
	216	-	-	-	-	-	-	-	-	13.2	11.0
	229	-	-	-	-	-	-	-	-	-	8.8

98.4 ft Main boom

SW	Radius ft	Fly jib									
		59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2
		1,000 lb									
	46	178.6	-	-	-	-	-	-	-	-	-
	52	147.7	147.7	-	-	-	-	-	-	-	-
	59	125.7	125.7	123.5	-	-	-	-	-	-	-
	65	108.0	108.0	108.0	105.8	-	-	-	-	-	-
	72	97.0	94.8	94.8	92.6	92.6	-	-	-	-	-
	79	-	83.8	83.8	81.6	81.6	79.4	-	-	-	-
	85	-	75.0	75.0	72.8	72.8	70.5	70.5	-	-	-
	92	-	68.3	68.3	66.1	66.1	63.9	63.9	61.7	-	-
	98	-	-	61.7	59.5	59.5	57.3	57.3	57.3	55.1	55.1
	111	-	-	52.9	50.7	50.7	48.5	48.5	46.3	46.3	44.1
	124	-	-	-	44.1	41.9	41.9	39.7	39.7	37.5	37.5
	138	-	-	-	-	35.3	35.3	33.1	33.1	33.1	30.9
	151	-	-	-	-	-	30.9	28.7	28.7	28.7	26.5
	164	-	-	-	-	-	26.5	26.5	24.3	24.3	22.0
	177	-	-	-	-	-	-	22.0	19.8	19.8	17.6
	190	-	-	-	-	-	-	-	17.6	17.6	15.4
	203	-	-	-	-	-	-	-	-	15.4	13.2
	216	-	-	-	-	-	-	-	-	13.2	11.0
	229	-	-	-	-	-	-	-	-	-	8.8
	243	-	-	-	-	-	-	-	-	-	6.6

STERLING CRANE

Lifting capacities luffing fly jib, main boom 85°

198 klb  23.8 ft 360° DIN/ISO

118.1 ft Main boom

	Radius ft	Fly jib									
		59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2
	ft	1,000 lb									
	46	176.4	-	-	-	-	-	-	-	-	-
	52	147.7	145.5	-	-	-	-	-	-	-	-
	59	125.7	123.5	123.5	-	-	-	-	-	-	-
	65	108.0	108.0	105.8	103.6	-	-	-	-	-	-
	72	94.8	94.8	92.6	92.6	90.4	-	-	-	-	-
	79	-	83.8	81.6	81.6	79.4	79.4	-	-	-	-
	85	-	75.0	75.0	72.8	72.8	70.5	70.5	-	-	-
SW	92	-	68.3	66.1	66.1	63.9	63.9	61.7	61.7	-	-
	98	-	-	61.7	59.5	59.5	57.3	57.3	55.1	55.1	-
	111	-	-	50.7	50.7	48.5	48.5	46.3	46.3	44.1	41.9
	124	-	-	-	41.9	41.9	39.7	39.7	37.5	37.5	35.3
	138	-	-	-	-	35.3	35.3	33.1	33.1	30.9	28.7
	151	-	-	-	-	30.9	30.9	28.7	28.7	26.5	24.3
	164	-	-	-	-	-	26.5	24.3	24.3	22.0	22.0
	177	-	-	-	-	-	-	22.0	19.8	19.8	17.6
	190	-	-	-	-	-	-	-	17.6	15.4	15.4
	203	-	-	-	-	-	-	-	15.4	13.2	13.2
216	-	-	-	-	-	-	-	-	11.0	11.0	
229	-	-	-	-	-	-	-	-	-	8.8	
243	-	-	-	-	-	-	-	-	-	6.6	

177.2 ft Main boom

	Radius ft	Fly jib									
		59.1	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2
	ft	1,000 lb									
	52	141.1	-	-	-	-	-	-	-	-	-
	59	119.0	119.0	-	-	-	-	-	-	-	-
	65	103.6	103.6	101.4	-	-	-	-	-	-	-
	72	90.4	90.4	88.2	88.2	-	-	-	-	-	-
	79	81.6	79.4	79.4	77.2	77.2	-	-	-	-	-
	85	-	72.8	70.5	70.5	68.3	66.1	-	-	-	-
	92	-	63.9	63.9	61.7	61.7	59.5	57.3	-	-	-
	98	-	59.5	57.3	57.3	55.1	55.1	52.9	48.5	-	-
	111	-	-	48.5	46.3	46.3	46.3	44.1	39.7	39.7	35.3
SW	124	-	-	-	39.7	39.7	37.5	35.3	33.1	33.1	28.7
	138	-	-	-	35.3	33.1	33.1	30.9	28.7	26.5	24.3
	151	-	-	-	-	28.7	28.7	26.5	24.3	22.0	19.8
	164	-	-	-	-	-	24.3	22.0	22.0	19.8	17.6
	177	-	-	-	-	-	-	19.8	17.6	17.6	13.2
	190	-	-	-	-	-	-	-	17.6	15.4	13.2
	203	-	-	-	-	-	-	-	-	13.2	8.8
	216	-	-	-	-	-	-	-	-	-	11.0
	229	-	-	-	-	-	-	-	-	-	8.8
	243	-	-	-	-	-	-	-	-	-	6.6

137.8 ft Main boom

	46	176.4	-	-	-	-	-	-	-	-	-
	52	145.5	143.3	-	-	-	-	-	-	-	-
	59	123.5	121.3	121.3	-	-	-	-	-	-	-
	65	105.8	105.8	103.6	103.6	-	-	-	-	-	-
	72	94.8	92.6	92.6	90.4	90.4	-	-	-	-	-
	79	-	81.6	81.6	79.4	79.4	77.2	-	-	-	-
	85	-	75.0	72.8	72.8	70.5	70.5	68.3	-	-	-
	92	-	66.1	66.1	63.9	63.9	61.7	61.7	59.5	-	-
	98	-	-	59.5	59.5	57.3	57.3	55.1	55.1	52.9	-
SW	111	-	-	50.7	48.5	48.5	46.3	46.3	44.1	44.1	39.7
	124	-	-	-	41.9	41.9	39.7	39.7	37.5	35.3	33.1
	138	-	-	-	-	35.3	33.1	33.1	30.9	30.9	28.7
	151	-	-	-	-	30.9	28.7	28.7	26.5	26.5	24.3
	164	-	-	-	-	-	26.5	24.3	22.0	22.0	19.8
	177	-	-	-	-	-	-	19.8	19.8	19.8	17.6
	190	-	-	-	-	-	-	17.6	17.6	15.4	13.2
	203	-	-	-	-	-	-	-	13.2	13.2	11.0
	216	-	-	-	-	-	-	-	-	11.0	8.8
	229	-	-	-	-	-	-	-	-	-	8.8
	243	-	-	-	-	-	-	-	-	-	6.6

196.9 ft Main boom

	52	138.9	-	-	-	-	-	-	-	-	-
	59	119.0	116.8	-	-	-	-	-	-	-	-
	65	101.4	101.4	99.2	-	-	-	-	-	-	-
	72	90.4	88.2	88.2	86.0	-	-	-	-	-	-
	79	79.4	79.4	77.2	77.2	75.0	-	-	-	-	-
	85	-	70.5	70.5	68.3	66.1	63.9	-	-	-	-
	92	-	63.9	61.7	61.7	59.5	57.3	55.1	-	-	-
	98	-	57.3	57.3	55.1	55.1	52.9	48.5	46.3	-	-
	111	-	-	48.5	46.3	46.3	44.1	39.7	37.5	37.5	30.9
SW	124	-	-	-	39.7	37.5	37.5	35.3	33.1	30.9	26.5
	138	-	-	-	33.1	33.1	30.9	28.7	26.5	24.3	22.0
	151	-	-	-	-	28.7	26.5	24.3	22.0	22.0	17.6
	164	-	-	-	-	-	22.0	22.0	19.8	17.6	15.4
	177	-	-	-	-	-	-	19.8	17.6	17.6	13.2
	190	-	-	-	-	-	-	-	15.4	15.4	13.2
	203	-	-	-	-	-	-	-	-	13.2	11.0
	216	-	-	-	-	-	-	-	-	-	8.8
	229	-	-	-	-	-	-	-	-	-	8.8
	243	-	-	-	-	-	-	-	-	-	6.6

157.5 ft Main boom

	46	174.2	-	-	-	-	-	-	-	-	-
	52	143.3	141.1	-	-	-	-	-	-	-	-
	59	121.3	121.3	119.0	-	-	-	-	-	-	-
	65	105.8	103.6	103.6	101.4	-	-	-	-	-	-
	72	92.6	92.6	90.4	88.2	88.2	-	-	-	-	-
	79	81.6	81.6	79.4	79.4	77.2	77.2	-	-	-	-
	85	-	72.8	72.8	70.5	70.5	68.3	66.1	-	-	-
	92	-	66.1	63.9	63.9	61.7	61.7	59.5	57.3	-	-
	98	-	-	59.5	57.3	57.3	55.1	55.1	52.9	50.7	-
SW	111	-	-	48.5	48.5	46.3	46.3	44.1	41.9	41.9	37.5
	124	-	-	-	41.9	39.7	39.7	37.5	35.3	35.3	30.9
	138	-	-	-	-	35.3	33.1	33.1	30.9	28.7	26.5
	151	-	-	-	-	28.7	28.7	26.5	26.5	24.3	22.0
	164	-	-	-	-	-	24.3	24.3	22.0	22.0	17.6
	177	-	-	-	-	-	-	19.8	19.8	17.6	15.4
	190	-	-	-	-	-	-	17.6	15.4	15.4	13.2
	203	-	-	-	-	-	-	-	13.2	13.2	11.0
	216	-	-	-	-	-	-	-	-	11.0	8.8
	229	-	-	-	-	-	-	-	-	-	8.8
	243	-	-	-	-	-	-	-	-	-	6.6