

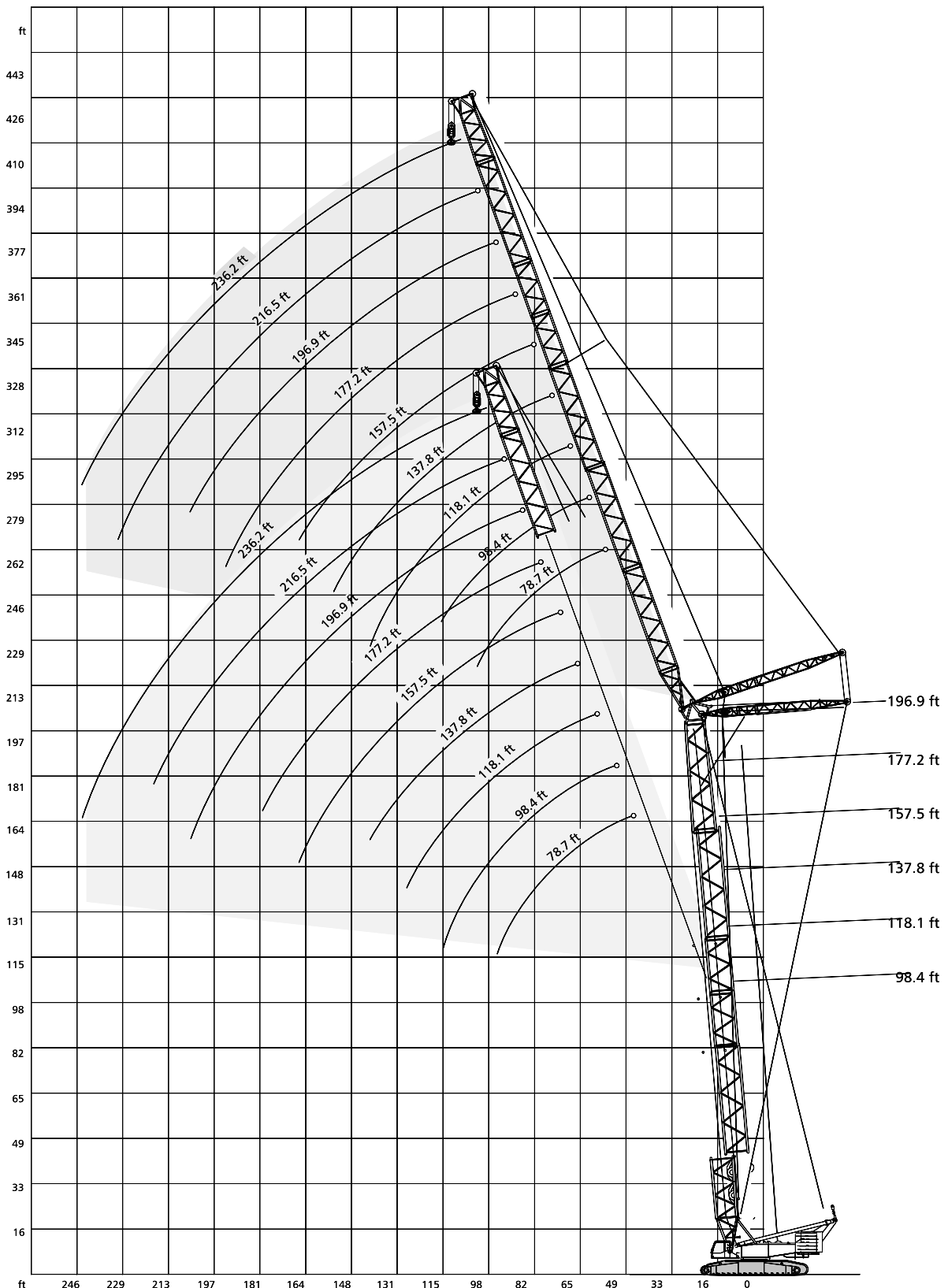


LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 2500 - 500 TON CAPACITY

Working ranges luffing fly jib, main boom 85°

SW



STERLING CRANE

Lifting capacities luffing fly jib, main boom 85°

309,000 lb*  25.6 ft 360° DIN/ISO

98.4 ft Main boom		Fly jib									
Radius ft	ft	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	
		1,000 lb									
46	310.9	-	-	-	-	-	-	-	-	-	
52	255.7	-	-	-	-	-	-	-	-	-	
59	216.1	216.1	-	-	-	-	-	-	-	-	
65	187.4	185.2	185.2	-	-	-	-	-	-	-	
72	165.3	163.1	163.1	160.9	-	-	-	-	-	-	
79	147.7	145.5	143.3	143.3	141.1	-	-	-	-	-	
85	132.3	130.1	130.1	127.9	127.9	125.7	-	-	-	-	
92	119.0	116.8	116.8	114.6	114.6	112.4	112.4	-	-	-	
98	-	108.0	105.8	103.6	103.6	103.6	103.6	101.4	99.2	-	
SW	111	-	90.4	90.4	88.2	88.2	86.0	86.0	83.8	83.8	
	124	-	-	77.2	75.0	75.0	72.8	72.8	70.5	70.5	
	138	-	-	-	66.1	63.9	63.9	61.7	59.5	59.5	
	151	-	-	-	-	57.3	55.1	55.1	52.9	52.9	
	164	-	-	-	-	50.7	48.5	48.5	46.3	44.1	
	177	-	-	-	-	-	44.1	41.9	41.9	39.7	
	190	-	-	-	-	-	-	37.5	35.3	35.3	
	203	-	-	-	-	-	-	-	33.1	30.9	30.9
	216	-	-	-	-	-	-	-	-	28.7	26.5
	230	-	-	-	-	-	-	-	-	-	22.0
	243	-	-	-	-	-	-	-	-	-	19.8

157.5 ft Main boom		Fly jib									
Radius ft	ft	78.7	98.4	118.1	137.8	157.5	177.2	196.9	216.5	236.2	
		1,000 lb									
59	209.4	-	-	-	-	-	-	-	-	-	
65	180.8	178.6	-	-	-	-	-	-	-	-	
72	158.7	156.5	156.5	-	-	-	-	-	-	-	
79	141.1	138.9	138.9	136.7	-	-	-	-	-	-	
85	127.9	125.7	125.7	123.5	123.5	-	-	-	-	-	
92	114.6	112.4	112.4	110.2	110.2	108.0	-	-	-	-	
98	-	103.6	101.4	99.2	99.2	99.2	99.2	99.2	-	-	
111	-	86.0	86.0	83.8	83.8	81.6	81.6	81.6	81.6	75.0	
124	-	-	72.8	70.5	70.5	70.5	70.5	70.5	68.3	66.1	
SW	138	-	-	-	61.7	61.7	59.5	59.5	57.3	57.3	
	151	-	-	-	55.1	52.9	52.9	52.9	50.7	48.5	
	164	-	-	-	-	46.3	46.3	46.3	44.1	41.9	
	177	-	-	-	-	-	39.7	39.7	37.5	37.5	
	190	-	-	-	-	-	35.3	35.3	33.1	30.9	
	203	-	-	-	-	-	-	30.9	28.7	28.7	
	216	-	-	-	-	-	-	-	26.5	24.3	
	230	-	-	-	-	-	-	-	-	22.0	19.8
	243	-	-	-	-	-	-	-	-	-	17.6

118.1 ft Main boom											
52	253.5	-	-	-	-	-	-	-	-	-	
59	216.1	213.8	-	-	-	-	-	-	-	-	
65	185.2	183.0	183.0	-	-	-	-	-	-	-	
72	163.1	160.9	160.9	158.7	-	-	-	-	-	-	
79	145.5	143.3	143.3	141.1	141.1	-	-	-	-	-	
85	130.1	127.9	127.9	125.7	125.7	123.5	-	-	-	-	
92	119.0	116.8	114.6	114.6	112.4	112.4	112.4	-	-	-	
98	-	105.8	105.8	103.6	103.6	101.4	101.4	99.2	-	-	
111	-	90.4	88.2	86.0	86.0	86.0	83.8	83.8	81.6	-	
124	-	-	77.2	75.0	72.8	72.8	72.8	70.5	68.3	-	
SW	138	-	-	-	63.9	63.9	61.7	61.7	59.5	59.5	
	151	-	-	-	57.3	55.1	55.1	52.9	52.9	50.7	
	164	-	-	-	-	48.5	48.5	46.3	46.3	44.1	
	177	-	-	-	-	-	41.9	41.9	39.7	39.7	
	190	-	-	-	-	-	-	37.5	35.3	33.1	
	203	-	-	-	-	-	-	-	33.1	30.9	28.7
	216	-	-	-	-	-	-	-	-	26.5	26.5
	230	-	-	-	-	-	-	-	-	-	22.0
	243	-	-	-	-	-	-	-	-	-	19.8

177.2 ft Main boom											
59	207.2	-	-	-	-	-	-	-	-	-	
65	178.6	176.4	-	-	-	-	-	-	-	-	
72	156.5	154.3	154.3	-	-	-	-	-	-	-	
79	138.9	136.7	136.7	134.5	-	-	-	-	-	-	
85	125.7	123.5	123.5	121.3	121.3	-	-	-	-	-	
92	112.4	110.2	110.2	108.0	108.0	108.0	-	-	-	-	
98	103.6	101.4	101.4	99.2	99.2	97.0	94.8	-	-	-	
111	-	86.0	83.8	81.6	81.6	81.6	81.6	77.2	57.3	-	
124	-	-	72.8	70.5	70.5	68.3	68.3	66.1	57.3	-	
138	-	-	61.7	59.5	59.5	59.5	59.5	57.3	55.1	-	
SW	151	-	-	-	52.9	52.9	50.7	50.7	48.5	48.5	
	164	-	-	-	-	46.3	44.1	44.1	41.9	41.9	
	177	-	-	-	-	-	39.7	39.7	37.5	35.3	
	190	-	-	-	-	-	35.3	35.3	33.1	30.9	
	203	-	-	-	-	-	-	30.9	28.7	26.5	
	216	-	-	-	-	-	-	-	24.3	22.0	
	230	-	-	-	-	-	-	-	-	22.0	19.8
	243	-	-	-	-	-	-	-	-	-	17.6

137.8 ft Main boom											
52	251.3	-	-	-	-	-	-	-	-	-	
59	211.6	211.6	-	-	-	-	-	-	-	-	
65	183.0	180.8	180.8	-	-	-	-	-	-	-	
72	160.9	158.7	158.7	156.5	-	-	-	-	-	-	
79	143.3	141.1	141.1	138.9	138.9	-	-	-	-	-	
85	127.9	127.9	125.7	123.5	123.5	123.5	-	-	-	-	
92	116.8	114.6	114.6	112.4	112.4	110.2	110.2	-	-	-	
98	-	103.6	103.6	101.4	101.4	99.2	99.2	99.2	-	-	
SW	111	-	88.2	88.2	86.0	86.0	83.8	83.8	81.6	81.6	
	124	-	-	75.0	72.8	72.8	70.5	70.5	68.3	68.3	
	138	-	-	-	63.9	61.7	61.7	61.7	59.5	57.3	
	151	-	-	-	55.1	55.1	52.9	52.9	50.7	50.7	
	164	-	-	-	-	48.5	46.3	46.3	44.1	44.1	
	177	-	-	-	-	-	41.9	41.9	39.7	37.5	
	190	-	-	-	-	-	-	37.5	35.3	33.1	
	203	-	-	-	-	-	-	-	33.1	30.9	28.7
	216	-	-	-	-	-	-	-	-	26.5	24.3
	230	-	-	-	-	-	-	-	-	-	22.0
	243	-	-	-	-	-	-	-	-	-	19.8

196.9 ft Main boom											
59	205.0	-	-	-	-	-	-	-	-	-	
65	176.4	174.2	-	-	-	-	-	-	-	-	
72	154.3	152.1	152.1	-	-	-	-	-	-	-	
79	136.7	134.5	134.5	132.3	-	-	-	-	-	-	
85	123.5	121.3	121.3	119.0	119.0	-	-	-	-	-	
92	112.4	110.2	108.0	108.0	108.0	97.0	-	-	-	-	
98	101.4	99.2	99.2	97.0	97.0	94.8	79.4	-	-	-	
111	-	83.8	83.8	81.6	81.6	81.6	79.4	63.9	50.7	-	
SW	124	-	-	70.5	68.3	68.3	68.3	68.3	63.9	50.7	
	138	-	-	61.7	59.5	59.5	57.3	57.3	55.1	50.7	
	151	-	-	-	50.7	50.7	50.7	50.7	48.5	46.3	
	164	-	-	-	-	44.1	44.1	44.1	41.9	39.7	
	177	-	-	-	-	39.7	37.5	37.5	35.3	35.3	
	190	-	-	-	-	-	33.1	33.1	30.9	30.9	
	203	-	-	-	-	-	-	28.7	26.5	26.5	
	216	-	-	-	-	-	-	-	24.3	22.0	
	230	-	-	-	-	-	-	-	-	19.8	19.8
	243	-	-	-	-	-	-	-	-	-	15.4