

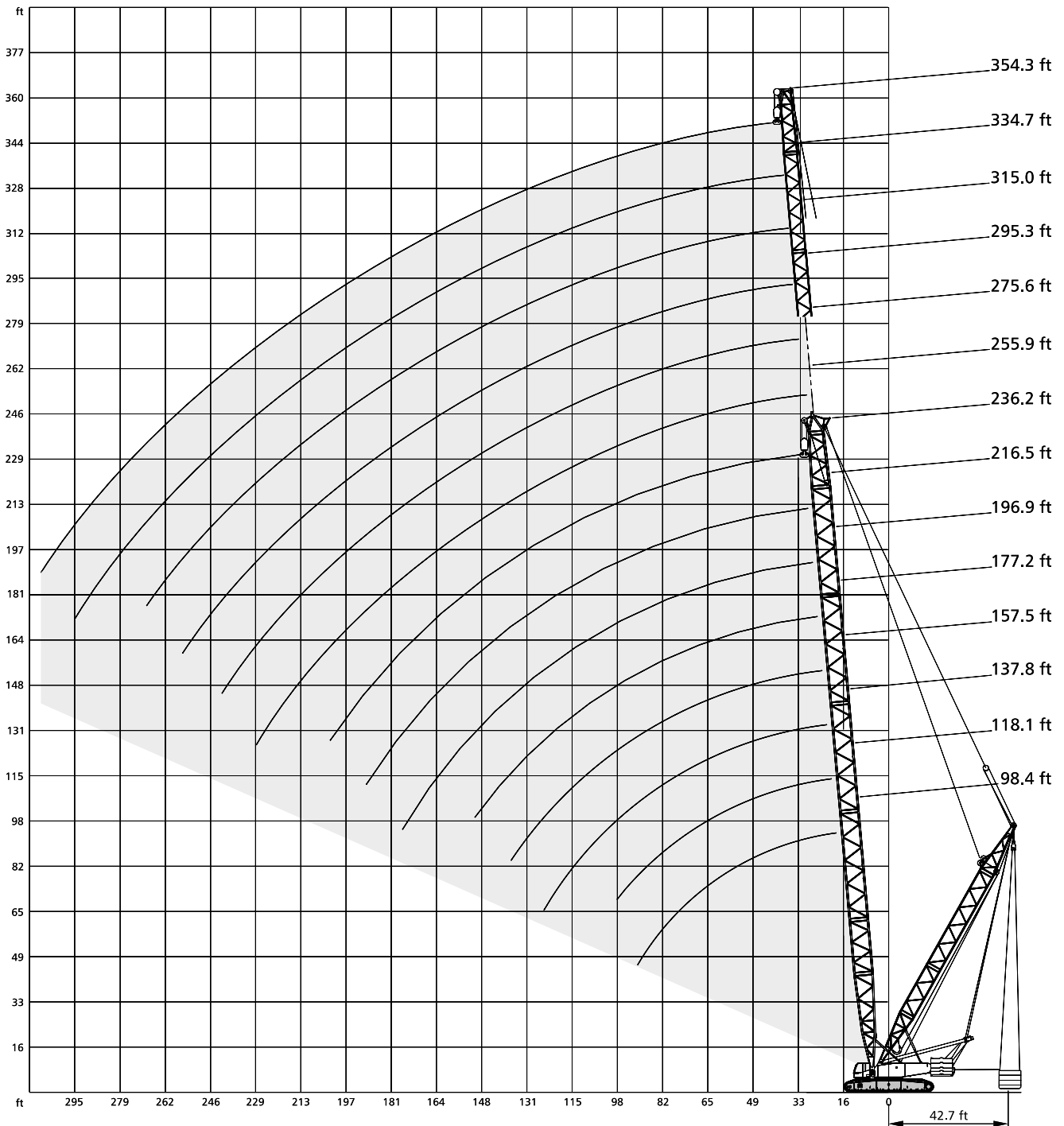


LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 1800-1 - 330 TON CAPACITY

Working ranges main boom with Superlift

SSL, SSL/LSL



Lifting capacities main boom with Superlift

265 klb + 66 klb CB  23.8 ft SL-Radius 42.7 ft 360° DIN/ISO

98.4 ft		Main boom								157.5 ft		Main boom							
SSL	Radius ft	lb	0	88.2	176.4	264.6	352.7	396.8	440.9	SSL	Radius ft	lb	0	88.2	176.4	264.6	352.7	396.8	440.9
		1,000 lb										1,000 lb							
	19		628.3	661.4	-	-	-	-	661.4		26		507.1	524.7	546.7	-	-	-	564.4
	23		593.0	661.4	661.4	-	-	-	661.4		29		487.2	524.7	546.7	-	-	-	564.4
	26		562.2	661.4	661.4	-	-	-	661.4		33		407.9	524.7	546.7	553.4	-	-	564.4
	29		491.6	650.4	661.4	661.4	-	-	661.4		39		304.2	432.1	546.7	553.4	-	-	564.4
	33		410.1	577.6	661.4	661.4	-	-	661.4		46		240.3	343.9	447.5	533.5	564.4	564.4	564.4
	39		308.6	436.5	555.6	639.3	641.5	-	641.5		52		198.4	284.4	370.4	456.4	520.3	551.2	551.2
	46		244.7	348.3	451.9	540.1	604.1	604.1	604.1		59		167.6	240.3	315.3	390.2	456.4	485.0	485.0
	52		202.8	288.8	374.8	460.8	526.9	557.8	557.8		65		143.3	209.4	273.4	339.5	405.7	432.1	432.1
	59		172.0	246.9	319.7	394.6	463.0	491.6	491.6		72		125.7	183.0	242.5	299.8	357.1	388.0	388.0
	65		147.7	213.8	280.0	343.9	410.1	438.7	438.7		79		110.2	163.1	216.1	269.0	321.9	346.1	346.1
	72		130.1	189.6	246.9	304.2	363.8	392.4	392.4		85		99.2	147.7	194.0	242.5	291.0	313.1	313.1
	79		116.8	169.8	220.5	273.4	326.3	343.9	343.9		92		88.2	132.3	176.4	220.5	264.6	286.6	286.6
	85		103.6	152.1	200.6	246.9	295.4	297.6	297.6		98		81.6	121.3	160.9	202.8	242.5	262.4	262.4
	92		94.8	138.9	183.0	227.1	255.7	255.7	255.7		111		66.1	101.4	136.7	172.0	207.2	224.9	224.9
											124		57.3	88.2	119.0	149.9	180.8	196.2	196.2
											138		48.5	77.2	105.8	132.3	160.9	174.2	174.2

118.1 ft		Main boom								177.2 ft		Main boom							
SSL	ft	0	88.2	176.4	264.6	352.7	396.8	440.9	SSL	ft	0	88.2	176.4	264.6	352.7	396.8	440.9		
		1,000 lb									1,000 lb								
	23		632.7	652.6	657.0	-	-	-	661.4		29		432.1	447.5	465.2	-	-	-	480.6
	26		601.9	652.6	657.0	-	-	-	661.4		33		407.9	447.5	465.2	-	-	-	480.6
	29		489.4	648.2	657.0	659.2	-	-	661.4		39		304.2	432.1	465.2	471.8	-	-	480.6
	33		410.1	575.4	657.0	659.2	-	-	661.4		46		240.3	343.9	445.3	471.8	480.6	-	480.6
	39		306.4	434.3	553.4	634.9	661.4	661.4	661.4		52		198.4	284.4	370.4	456.4	480.6	480.6	480.6
	46		242.5	346.1	449.7	535.7	606.3	630.5	630.5		59		167.6	240.3	315.3	390.2	456.4	476.2	476.2
	52		200.6	286.6	372.6	460.8	524.7	555.6	555.6		65		143.3	209.4	273.4	339.5	403.4	429.9	429.9
	59		169.8	244.7	319.7	392.4	460.8	487.2	487.2		72		125.7	183.0	240.3	299.8	357.1	385.8	385.8
	65		147.7	211.6	277.8	341.7	407.9	434.3	434.3		79		110.2	163.1	216.1	266.8	319.7	346.1	346.1
	72		127.9	187.4	244.7	302.0	361.6	390.2	390.2		85		99.2	145.5	194.0	242.5	288.8	313.1	313.1
	79		114.6	167.6	218.3	271.2	324.1	350.5	350.5		92		88.2	132.3	176.4	220.5	264.6	286.6	286.6
	85		101.4	149.9	198.4	244.7	293.2	317.5	317.5		98		79.4	121.3	160.9	200.6	242.5	262.4	262.4
	92		92.6	136.7	180.8	224.9	266.8	288.8	288.8		111		66.1	101.4	136.7	172.0	207.2	224.9	224.9
	98		83.8	123.5	165.3	205.0	246.9	266.8	266.8		124		55.1	86.0	119.0	149.9	180.8	196.2	196.2
											138		48.5	75.0	103.6	132.3	158.7	174.2	174.2
											151		41.9	66.1	92.6	116.8	143.3	154.3	154.3

137.8 ft		Main boom								196.9 ft		Main boom							
SSL	ft	0	88.2	176.4	264.6	352.7	396.8	440.9	SSL	ft	0	88.2	176.4	264.6	352.7	396.8	440.9		
		1,000 lb									1,000 lb								
	26		586.4	604.1	623.9	-	-	-	639.3		29		372.6	385.8	-	-	-	414.5	
	29		489.4	604.1	623.9	632.7	-	-	639.3		33		372.6	385.8	401.2	-	-	414.5	
	33		407.9	573.2	623.9	632.7	-	-	639.3		39		302.0	385.8	401.2	-	-	414.5	
	39		304.2	432.1	551.2	632.7	639.3	-	639.3		46		240.3	341.7	401.2	407.9	-	414.5	
	46		242.5	346.1	447.5	533.5	606.3	637.1	637.1		52		196.2	282.2	370.4	407.9	414.5	414.5	
	52		198.4	286.6	372.6	458.6	522.5	553.4	553.4		59		165.3	240.3	315.3	388.0	414.5	414.5	
	59		167.6	242.5	317.5	392.4	458.6	487.2	487.2		65		143.3	207.2	273.4	337.3	403.4	407.9	
	65		145.5	209.4	275.6	341.7	405.7	434.3	434.3		72		123.5	183.0	240.3	297.6	357.1	385.8	
	72		127.9	185.2	242.5	302.0	359.4	388.0	388.0		79		110.2	160.9	213.8	266.8	319.7	346.1	
	79		112.4	165.3	218.3	269.0	321.9	348.3	348.3		85		97.0	145.5	191.8	240.3	288.8	313.1	
	85		101.4	147.7	196.2	244.7	291.0	315.3	315.3		92		88.2	130.1	174.2	218.3	262.4	284.4	
	92		90.4	134.5	178.6	222.7	266.8	288.8	288.8		98		79.4	119.0	158.7	200.6	240.3	260.1	
	98		81.6	123.5	163.1	202.8	244.7	264.6	264.6		111		66.1	99.2	134.5	169.8	205.0	222.7	
	111		68.3	103.6	138.9	174.2	209.4	227.1	227.1		124		55.1	86.0	116.8	147.7	178.6	194.0	
	124		59.5	90.4	121.3	152.1	183.0	198.4	198.4		138		46.3	75.0	101.4	130.1	158.7	172.0	
											151		39.7	66.1	90.4	114.6	141.1	154.3	
											164		35.3	57.3	81.6	103.6	127.9	138.9	
											177		28.7	50.7	72.8	94.8	114.6	125.7	

Remarks

* Hook block does not reach the ground

Lifting capacities main boom with Superlift

265 klb + 66 klb CB  23.8 ft SL-Radius 42.7 ft 360° DIN/ISO

216.5 ft Main boom

	Radius ft	lb	SL 						
			0	88.2	176.4	264.6	352.7	396.8	
			1,000 lb						
33	310.9	321.9	-	-	-	-	-	-	350.5
39	302.0	321.9	337.3	-	-	-	-	-	350.5
46	238.1	321.9	337.3	-	-	-	-	-	350.5
52	196.2	282.2	337.3	343.9	-	-	-	-	350.5
59	165.3	240.3	313.1	337.3	-	-	-	-	343.9
65	141.1	207.2	271.2	337.3	343.9	-	-	-	343.9
72	123.5	180.8	240.3	297.6	337.3	337.3	-	-	337.3
79	108.0	160.9	213.8	266.8	317.5	326.3	326.3	-	326.3
85	97.0	143.3	191.8	240.3	286.6	310.9	310.9	-	310.9
92	86.0	130.1	174.2	218.3	262.4	284.4	284.4	-	284.4
98	77.2	119.0	158.7	198.4	240.3	260.1	260.1	-	260.1
111	63.9	99.2	134.5	169.8	205.0	222.7	222.7	-	222.7
124	52.9	83.8	116.8	147.7	178.6	194.0	194.0	-	194.0
138	46.3	72.8	101.4	127.9	156.5	169.8	169.8	-	169.8
151	37.5	63.9	88.2	114.6	138.9	152.1	152.1	-	152.1
164	33.1	57.3	79.4	101.4	125.7	136.7	136.7	-	136.7
177	28.7	50.7	70.5	92.6	114.6	123.5	123.5	-	123.5
190	24.3	44.1	63.9	83.8	103.6	114.6	114.6	-	114.6

SSL

255.9 ft Main boom

	Radius ft	lb	SL 						
			0	88.2	176.4	264.6	352.7	396.8	
			1,000 lb						
33	235.9	235.9	-	-	-	-	-	-	260.1
39	235.9	235.9	-	-	-	-	-	-	260.1
46	231.5	235.9	244.7	-	-	-	-	-	260.1
52	196.2	235.9	244.7	-	-	-	-	-	260.1
59	163.1	233.7	244.7	-	-	-	-	-	260.1
65	141.1	205.0	244.7	249.1	-	-	-	-	260.1
72	121.3	180.8	238.1	249.1	-	-	-	-	260.1
79	108.0	160.9	211.6	249.1	260.1	-	-	-	260.1
85	94.8	143.3	191.8	238.1	257.9	257.9	-	-	257.9
92	86.0	130.1	172.0	216.1	255.7	255.7	-	-	255.7
98	77.2	116.8	158.7	198.4	238.1	251.3	251.3	-	251.3
111	63.9	99.2	132.3	167.6	202.8	220.5	220.5	-	220.5
124	52.9	83.8	114.6	145.5	176.4	191.8	191.8	-	191.8
138	44.1	72.8	99.2	127.9	156.5	169.8	169.8	-	169.8
151	37.5	61.7	88.2	112.4	138.9	152.1	152.1	-	152.1
164	30.9	55.1	77.2	101.4	123.5	136.7	136.7	-	136.7
177	26.5	48.5	70.5	90.4	112.4	123.5	123.5	-	123.5
190	22.0	44.1	63.9	83.8	101.4	112.4	112.4	-	112.4
203	19.8	39.7	57.3	75.0	94.8	103.6	103.6	-	103.6
216	15.4	35.3	52.9	68.3	86.0	94.8	94.8	-	94.8

SSL / LSL

236.2 ft Main boom

	ft							
		0	88.2	176.4	264.6	352.7	396.8	440.9
		1,000 lb						
33	266.8	277.8	-	-	-	-	-	299.8
39	266.8	277.8	-	-	-	-	-	299.8
46	238.1	277.8	291.0	-	-	-	-	299.8
52	194.0	277.8	291.0	-	-	-	-	299.8
59	163.1	238.1	291.0	295.4	-	-	-	299.8
65	141.1	205.0	271.2	291.0	-	-	-	295.4
72	121.3	180.8	238.1	291.0	295.4	-	-	295.4
79	108.0	158.7	211.6	264.6	288.8	288.8	-	288.8
85	94.8	143.3	189.6	238.1	280.0	280.0	280.0	-
92	86.0	127.9	172.0	216.1	260.1	273.4	273.4	-
98	77.2	116.8	156.5	198.4	238.1	257.9	257.9	-
111	61.7	97.0	132.3	167.6	202.8	220.5	220.5	-
124	52.9	83.8	114.6	145.5	176.4	191.8	191.8	-
138	44.1	72.8	99.2	127.9	154.3	169.8	169.8	-
151	37.5	61.7	88.2	112.4	138.9	149.9	149.9	-
164	30.9	55.1	77.2	101.4	123.5	134.5	134.5	-
177	26.5	48.5	70.5	90.4	112.4	123.5	123.5	-
190	22.0	44.1	61.7	81.6	101.4	112.4	112.4	-
203	17.6	37.5	57.3	75.0	92.6	103.6	103.6	-

SSL

275.6 ft Main boom

	ft							
		0	88.2	176.4	264.6	352.7	396.8	440.9
		1,000 lb						
39	196.2	200.6	-	-	-	-	-	220.5
46	196.2	200.6	-	-	-	-	-	220.5
52	189.6	200.6	207.2	-	-	-	-	220.5
59	163.1	200.6	207.2	-	-	-	-	220.5
65	138.9	200.6	207.2	-	-	-	-	220.5
72	121.3	178.6	207.2	211.6	-	-	-	218.3
79	105.8	158.7	207.2	211.6	-	-	-	218.3
85	94.8	141.1	189.6	211.6	-	-	-	213.8
92	83.8	127.9	172.0	205.0	209.4	-	-	209.4
98	75.0	116.8	156.5	196.2	202.8	-	-	202.8
111	61.7	97.0	132.3	167.6	191.8	191.8	-	191.8
124	50.7	81.6	114.6	145.5	176.4	183.0	183.0	-
138	41.9	70.5	99.2	125.7	154.3	167.6	167.6	-
151	35.3	61.7	86.0	112.4	136.7	149.9	149.9	-
164	30.9	52.9	77.2	99.2	123.5	134.5	134.5	-
177	24.3	48.5	68.3	90.4	110.2	121.3	121.3	-
190	22.0	41.9	61.7	81.6	101.4	110.2	110.2	-
203	17.6	37.5	55.1	75.0	92.6	101.4	101.4	-
216	15.4	33.1	50.7	68.3	86.2	92.6	92.6	-
229	13.2	28.7	46.3	61.7	79.4	86.0	86.0	-
243	11.0	26.5	41.9	57.3	72.8	79.4	79.4	-

SSL / LSL

Lifting capacities main boom with Superlift

265 klb + 66 klb CB  23.8 ft SL-Radius 42.7 ft 360° DIN/ISO

295.3 ft		Main boom							334.7 ft		Main boom							
Radius ft	lb								Radius ft	lb								
		0	88.2	176.4	264.6	352.7	396.8				0	88.2	176.4	264.6	352.7	396.8		440.9
		1,000 lb									1,000 lb							
SSL/LSL	39	169.8	172.0	-	-	-	189.6		39	125.7	-	-	-	-	-	136.7		
	46	167.6	172.0	-	-	-	189.6		46	125.7	125.7	-	-	-	-	136.7		
	52	167.6	172.0	-	-	-	187.4		52	125.7	125.7	-	-	-	-	136.7		
	59	158.7	172.0	174.2	-	-	185.2		59	125.7	125.7	-	-	-	-	136.7		
	65	138.9	172.0	174.2	-	-	185.2		65	125.7	125.7	-	-	-	-	136.7		
	72	121.3	172.0	174.2	-	-	183.0		72	116.8	125.7	125.7	-	-	-	134.5		
	79	105.8	156.5	174.2	-	-	183.0		79	103.6	125.7	125.7	-	-	-	134.5		
	85	94.8	141.1	174.2	178.6	-	180.8		85	92.6	125.7	125.7	-	-	-	132.3		
	92	83.8	127.9	169.8	176.4	-	178.6		92	81.6	125.7	125.7	-	-	-	132.3		
	98	75.0	114.6	156.5	174.2	-	176.4		98	72.8	112.4	125.7	-	-	-	130.1		
	111	61.7	97.0	132.3	167.6	167.6	167.6		111	59.5	94.8	123.5	125.7	-	-	125.7		
	124	50.7	81.6	112.4	143.3	156.5	156.5		124	48.5	81.6	110.2	121.3	-	-	123.5		
	138	41.9	70.5	99.2	125.7	145.5	145.5		138	39.7	68.3	97.0	116.8	119.0	-	119.0		
	151	35.3	61.7	86.0	112.4	132.3	132.3		151	33.1	59.5	83.8	110.2	114.6	-	114.6		
	164	28.7	52.9	77.2	99.2	119.0	119.0		164	26.5	50.7	75.0	97.0	112.4	112.4	112.4		
	177	24.3	46.3	68.3	88.2	108.0	108.0		177	22.0	44.1	66.1	88.2	108.0	110.2	110.2		
190	19.8	41.9	61.7	81.6	99.2	99.2		190	17.6	39.7	59.5	79.4	99.2	108.0	108.0			
203	17.6	35.3	55.1	72.8	90.4	90.4		203	15.4	33.1	52.9	70.5	90.4	99.2	99.2			
216	13.2	30.9	50.7	66.1	83.8	83.8		216	11.0	28.7	48.5	66.1	81.6	90.4	90.4			
229	11.0	28.7	46.3	61.7	75.0	75.0		229	8.8	26.5	44.1	59.5	75.0	83.8	83.8			
243	8.8	24.3	41.9	57.3	66.1	66.1		243	6.6	22.0	39.7	55.1	70.5	77.2	77.2			
256	6.6	22.0	37.5	52.9	59.5	59.5		256	-	19.8	35.3	50.7	63.9	72.8	72.8			
								269	-	17.6	30.9	46.3	59.5	66.1	66.1			
								282	-	15.4	28.7	41.9	55.1	61.7	61.7			
								295	-	13.2	26.5	39.7	52.9	57.3	57.3			

315.0 ft		Main boom							354.3 ft		Main boom							
Radius ft	lb	1,000 lb						Radius ft	lb	1,000 lb						Radius ft	lb	
		0	88.2	176.4	264.6	352.7	396.8			440.9	0	88.2	176.4	264.6	352.7			396.8
SSL/LSL	39	145.5	147.7	-	-	-	-	154.3		46	94.8	-	-	-	-	-	103.6	
	46	145.5	147.7	-	-	-	-	154.3		52	92.6	94.8	-	-	-	-	101.4	
	52	145.5	147.7	-	-	-	-	152.1		59	92.6	94.8	-	-	-	-	99.2	
	59	145.5	147.7	-	-	-	-	152.1		65	90.4	92.6	-	-	-	-	97.0	
	65	134.5	145.5	147.7	-	-	-	149.9		72	88.2	90.4	-	-	-	-	97.0	
	72	116.8	145.5	145.5	-	-	-	147.7		79	86.0	86.0	-	-	-	-	97.0	
	79	105.8	143.3	143.3	-	-	-	145.5		85	81.6	83.8	-	-	-	-	97.0	
	85	92.6	138.9	143.3	-	-	-	145.5		92	79.4	83.8	88.2	-	-	-	97.0	
	92	81.6	125.7	141.1	-	-	-	143.3		98	72.8	83.8	88.2	-	-	-	97.0	
	98	75.0	114.6	138.9	138.9	-	-	141.1		111	59.5	83.8	88.2	-	-	-	97.0	
	111	59.5	94.8	130.1	134.5	-	-	138.9		124	48.5	79.4	88.2	92.6	-	-	97.0	
	124	48.5	81.6	112.4	132.3	138.9	-	138.9		138	39.7	68.3	88.2	92.6	-	-	97.0	
	138	39.7	68.3	97.0	125.7	136.7	136.7	136.7		151	30.9	57.3	83.8	92.6	97.0	-	97.0	
	151	33.1	59.5	86.0	110.2	134.5	136.7	136.7		164	26.5	50.7	72.8	92.6	97.0	-	97.0	
	164	28.7	52.9	75.0	97.0	121.3	132.3	132.3		177	19.8	44.1	63.9	86.0	97.0	97.0	97.0	
	177	22.0	46.3	66.1	88.2	110.2	119.0	119.0		190	15.4	37.5	57.3	77.2	97.0	97.0	97.0	
190	17.6	39.7	59.5	79.4	99.2	108.0	108.0		203	13.2	33.1	50.7	70.5	88.2	94.8	94.8		
203	15.4	35.3	52.9	72.8	90.4	99.2	99.2		216	8.8	28.7	46.3	63.9	81.6	90.4	90.4		
216	11.0	30.9	48.5	66.1	81.6	90.4	90.4		229	6.6	24.3	41.9	57.3	75.0	81.6	81.6		
229	8.8	26.5	44.1	59.5	75.0	83.8	83.8		243	-	19.8	37.5	52.9	68.3	75.0	75.0		
243	6.6	24.3	39.7	55.1	70.5	77.2	77.2		256	-	17.6	33.1	48.5	63.9	70.5	70.5		
256	-	19.8	35.3	50.7	66.1	72.8	72.8		269	-	15.4	30.9	44.1	57.3	66.1	66.1		
269	-	17.6	33.1	46.3	59.5	68.3	68.3		282	-	13.2	26.5	39.7	55.1	59.5	59.5		
									295	-	11.0	24.3	37.5	50.7	57.3	57.3		
									308	-	8.8	22.0	35.3	46.3	52.9	52.9		

315.0 ft								354.3 ft									
SSL/LSL	Main boom							SSL/LSL	Main boom								
	ft	0	88.2	176.4	264.6	352.7	396.8		440.9	ft	0	88.2	176.4	264.6	352.7	396.8	440.9
				1,000 lb								1,000 lb					
	39	145.5	147.7	-	-	-	-	154.3		46	94.8	-	-	-	-	-	103.6
	46	145.5	147.7	-	-	-	-	154.3		52	92.6	94.8	-	-	-	-	101.4
	52	145.5	147.7	-	-	-	-	152.1		59	92.6	94.8	-	-	-	-	99.2
	59	145.5	147.7	-	-	-	-	152.1		65	90.4	92.6	-	-	-	-	97.0
	65	134.5	145.5	147.7	-	-	-	149.9		72	88.2	90.4	-	-	-	-	97.0
	72	116.8	145.5	145.5	-	-	-	147.7		79	86.0	86.0	-	-	-	-	97.0
	79	105.8	143.3	143.3	-	-	-	145.5		85	81.6	83.8	-	-	-	-	97.0
	85	92.6	138.9	143.3	-	-	-	145.5		92	79.4	83.8	88.2	-	-	-	97.0
	92	81.6	125.7	141.1	-	-	-	143.3		98	72.8	83.8	88.2	-	-	-	97.0
	98	75.0	114.6	138.9	138.9	-	-	141.1		111	59.5	83.8	88.2	-	-	-	97.0
	111	59.5	94.8	130.1	134.5	-	-	138.9		124	48.5	79.4	88.2	92.6	-	-	97.0
	124	48.5	81.6	112.4	132.3	138.9	-	138.9		138	39.7	68.3	88.2	92.6	-	-	97.0
	138	39.7	68.3	97.0	125.7	136.7	136.7	136.7		151	30.9	57.3	83.8	92.6	97.0	-	97.0
	151	33.1	59.5	86.0	110.2	134.5	136.7	136.7		164	26.5	50.7	72.8	92.6	97.0	-	97.0
	164	28.7	52.9	75.0	97.0	121.3	132.3	132.3		177	19.8	44.1	63.9	86.0	97.0	97.0	97.0
	177	22.0	46.3	66.1	88.2	110.2	119.0	119.0		190	15.4	37.5	57.3	77.2	97.0	97.0	97.0
	190	17.6	39.7	59.5	79.4	99.2	108.0	108.0		203	13.2	33.1	50.7	70.5	88.2	94.8	94.8
	203	15.4	35.3	52.9	72.8	90.4	99.2	99.2		216	8.8	28.7	46.3	63.9	81.6	90.4	90.4
	216	11.0	30.9	48.5	66.1	81.6	90.4	90.4		229	6.6	24.3	41.9	57.3	75.0	81.6	81.6
	229	8.8	26.5	44.1	59.5	75.0	83.8	83.8		243	-	19.8	37.5	52.9	68.3	75.0	75.0
	243	6.6	24.3	39.7	55.1	70.5	77.2	77.2		256	-	17.6	33.1	48.5	63.9	70.5	70.5
	256	-	19.8	35.3	50.7	66.1	72.8	72.8		269	-	15.4	30.9	44.1	57.3	66.1	66.1
	269	-	17.6	33.1	46.3	59.5	68.3	68.3		282	-	13.2	26.5	39.7	55.1	59.5	59.5
										295	-	11.0	24.3	37.5	50.7	57.3	57.3
										308	-	8.8	22.0	35.3	46.3	52.9	52.9

Lifting capacities main boom with Superlift

198 klb   23.8 ft SL-Radius 42.7 ft 360° DIN/ISO

98.4 ft Main boom

SL										
SSL	Radius ft	lb	0	88.2	176.4	264.6	352.7	396.8	440.9	
					1,000 lb					
	19	515.9	661.4	-	-	-	-	-	661.4	
	23	491.6	661.4	661.4	-	-	-	-	661.4	
	26	463.0	661.4	661.4	-	-	-	-	661.4	
	29	374.8	573.2	661.4	661.4	-	-	-	661.4	
	33	313.1	480.6	643.8	661.4	-	-	-	661.4	
	39	233.7	361.6	489.4	608.5	641.5	-	-	641.5	
	46	185.2	286.6	390.2	493.8	584.2	604.1	-	604.1	
	52	152.1	238.1	324.1	410.1	498.2	535.7	535.7	535.7	
	59	127.9	202.8	277.8	350.5	425.5	463.0	463.0	463.0	
	65	110.2	176.4	240.3	306.4	372.6	403.4	403.4	403.4	
	72	97.0	154.3	213.8	271.2	328.5	359.4	359.4	359.4	
79	86.0	138.9	189.6	242.5	295.4	321.9	321.9	321.9		
85	77.2	123.5	172.0	220.5	266.8	291.0	291.0	291.0		
92	68.3	112.4	156.5	200.6	244.7	255.7	255.7	255.7		

SSL

157.5 ft Main boom

								
Radius	lb	0	88.2	176.4	264.6	352.7	396.8	440.9
ft				1,000 lb				
26	460.8	524.7	546.7*	-	-	-	-	564.4*
29	370.4	524.7	546.7*	-	-	-	-	564.4*
33	308.6	476.2	546.7*	553.4*	-	-	-	564.4*
39	229.3	357.1	485.0	553.4*	-	-	-	564.4*
46	180.8	282.2	385.8	489.4	564.4*	564.4*	-	564.4*
52	147.7	233.7	319.7	405.7	491.6	529.1*	-	529.1*
59	123.5	198.4	271.2	346.1	421.1	458.6	-	458.6
65	105.8	169.8	235.9	302.0	366.0	399.0	399.0	399.0
72	90.4	149.9	207.2	266.8	324.1	352.7	352.7	352.7
79	79.4	132.3	185.2	238.1	291.0	315.3	315.3	315.3
85	70.5	119.0	165.3	213.8	262.4	286.6	286.6	286.6
92	63.9	108.0	149.9	194.0	238.1	260.1	260.1	260.1
98	57.3	97.0	136.7	178.6	218.3	238.1	238.1	238.1
111	46.3	81.6	116.8	152.1	187.4	205.0	205.0	205.0
124	37.5	70.5	101.4	132.3	163.1	178.6	178.6	178.6
138	33.1	59.5	88.2	116.8	143.3	158.7	158.7	158.7

SSL

118.1 ft Main boom

			0	88.2	176.4	264.6	352.7	396.8	440.9
ft					1,000 lb				
23	531.3	652.6	657.0	-	-	-	-	-	661.4
26	463.0	652.6	657.0	-	-	-	-	-	661.4
29	372.6	571.0	657.0	659.2	-	-	-	-	661.4
33	310.9	478.4	641.5	659.2	-	-	-	-	661.4
39	231.5	359.4	487.2	606.3	661.4	661.4	-	-	661.4
46	183.0	286.6	388.0	491.6	582.0	617.3	617.3	-	617.3
52	149.9	235.9	321.9	410.1	496.0	533.5	533.5	-	533.5
59	125.7	200.6	275.6	348.3	423.3	460.8	460.8	-	460.8
65	108.0	174.2	238.1	304.2	370.4	401.2	401.2	-	401.2
72	94.8	152.1	211.6	269.0	326.3	357.1	357.1	-	357.1
79	83.8	136.7	187.4	240.3	293.2	319.7	319.7	-	319.7
85	75.0	121.3	169.8	218.3	264.6	288.8	288.8	-	288.8
92	66.1	110.2	154.3	198.4	242.5	264.6	264.6	-	264.6
98	59.5	101.4	141.1	180.8	222.7	242.5	242.5	-	242.5

SSL

177.2 ft Main boom

			0	88.2	176.4	264.6	352.7	396.8	440.9
ft					1,000 lb				
29	370.4	447.5	465.2	-	-	-	-	-	480.6*
33	308.6	447.5	465.2	-	-	-	-	-	480.6*
39	229.3	357.1	465.2	471.8	-	-	-	-	480.6*
46	178.6	282.2	385.8	471.8	480.6*	-	-	-	480.6*
52	145.5	233.7	319.7	405.7	480.6*	480.6*	-	-	480.6*
59	123.5	196.2	271.2	346.1	421.1	456.4	456.4	-	456.4
65	103.6	169.8	235.9	299.8	366.0	399.0	399.0	-	399.0
72	90.4	147.7	207.2	264.6	324.1	352.7	352.7	-	352.7
79	79.4	132.3	185.2	235.9	288.8	315.3	315.3	-	315.3
85	70.5	116.8	165.3	213.8	260.1	284.4	284.4	-	284.4
92	61.7	105.8	149.9	194.0	238.1	260.1	260.1	-	260.1
98	55.1	97.0	136.7	176.4	218.3	238.1	238.1	-	238.1
111	46.3	81.6	116.8	152.1	185.2	202.8	202.8	-	202.8
124	37.5	68.3	99.2	130.1	160.9	178.6	178.6	-	178.6
138	30.9	59.5	88.2	114.6	143.3	156.5	156.5	-	156.5
151	26.5	50.7	77.2	101.4	127.9	141.1	141.1	-	141.1

SSL

137.8 ft Main boom

			0	88.2	176.4	264.6	352.7	396.8	440.9
ft					1,000 lb				
26	460.8	604.1*	623.9*	-	-	-	-	-	639.3*
29	370.4	571.0	623.9*	632.7*	-	-	-	-	639.3*
33	308.6	476.2	623.9*	632.7*	-	-	-	-	639.3*
39	229.3	357.1	485.0	604.1*	639.3*	-	-	-	639.3*
46	180.8	284.4	388.0	491.6	579.8	615.1*	-	-	615.1*
52	147.7	235.9	321.9	407.9	493.8	531.3	531.3	-	531.3
59	125.7	198.4	273.4	348.3	423.3	458.6	458.6	-	458.6
65	105.8	172.0	238.1	302.0	368.2	401.2	401.2	-	401.2
72	92.6	149.9	209.4	266.8	326.3	354.9	354.9	-	354.9
79	81.6	134.5	187.4	238.1	291.0	317.5	317.5	-	317.5
85	72.8	121.3	167.6	216.1	264.6	286.6	286.6	-	286.6
92	63.9	108.0	152.1	196.2	240.3	262.4	262.4	-	262.4
98	59.5	99.2	138.9	180.8	220.5	240.3	240.3	-	240.3
111	48.5	83.8	119.0	154.3	189.6	207.2	207.2	-	207.2
124	39.7	72.8	103.6	134.5	165.3	180.8	180.8	-	180.8

SSL

196.9 ft Main boom

			0	88.2	176.4	264.6	352.7	396.8	440.9
ft					1,000 lb				
29	370.4	385.8	-	-	-	-	-	-	414.5
33	308.6	385.8	401.2	-	-	-	-	-	414.5
39	227.1	354.9	401.2	-	-	-	-	-	414.5
46	178.6	282.2	385.8	407.9	-	-	-	-	414.5
52	145.5	231.5	319.7	405.7	414.5	-	-	-	414.5
59	121.3	196.2	271.2	346.1	414.5	414.5	-	-	414.5
65	103.6	169.8	233.7	299.8	366.0	396.8	396.8	-	396.8
72	90.4	147.7	205.0	264.6	321.9	350.5	350.5	-	350.5
79	79.4	130.1	183.0	235.9	288.8	315.3	315.3	-	315.3
85	68.3	116.8	165.3	211.6	260.1	284.4	284.4	-	284.4
92	61.7	105.8	149.9	194.0	235.9	257.9	257.9	-	257.9
98	55.1	94.8	136.7	176.4	216.1	238.1	238.1	-	238.1
111	44.1	79.4	114.6	149.9	185.2	202.8	202.8	-	202.8
124	35.3	68.3	99.2	130.1	160.9	176.4	176.4	-	176.4
138	28.7	57.3	86.0	114.6	141.1	156.5	156.5	-	156.5
151	24.3	50.7	75.0	101.4	125.7	138.9	138.9	-	138.9
164	19.8	44.1	66.1	90.4	112.4	125.7	125.7	-	125.7
177	15.7	39.7	59.5	81.6	103.6	112.4	112.4	-	112.4

SSL

Remarks

* Hook block does not reach the ground

Lifting capacities main boom with Superlift

198 klb  23.8 ft SL-Radius 42.7 ft 360° DIN/ISO

216.5 ft Main boom

	Radius ft	lb							
			0	88.2	176.4	264.6	352.7	396.8	
			1,000 lb						
33	306.4	321.9	-	-	-	-	-	-	350.5
39	227.1	321.9	337.3	-	-	-	-	-	350.5
46	178.6	282.2	337.3	-	-	-	-	-	350.5
52	145.5	231.5	317.5	343.9	-	-	-	-	350.5
59	121.3	196.2	269.0	337.3	-	-	-	-	343.9
65	103.6	167.6	233.7	299.8	343.9	-	-	-	343.9
72	88.2	147.7	205.0	264.6	321.9	337.3	-	-	337.3
79	77.2	130.1	183.0	235.9	286.6	313.1	313.1	-	313.1
85	68.3	116.8	163.1	211.6	260.1	282.2	282.2	-	282.2
92	59.5	103.6	147.7	191.8	235.9	257.9	257.9	-	257.9
98	52.9	94.8	134.5	176.4	216.1	235.9	235.9	-	235.9
111	44.1	79.4	114.6	149.9	185.2	202.8	202.8	-	202.8
124	35.3	66.1	97.0	127.9	158.7	174.2	174.2	-	174.2
138	28.7	57.3	83.8	112.4	141.1	154.3	154.3	-	154.3
151	22.0	48.5	75.0	99.2	125.7	136.7	136.7	-	136.7
164	17.6	41.9	66.1	88.2	112.4	123.5	123.5	-	123.5
177	15.4	37.5	59.5	79.4	101.4	112.4	112.4	-	112.4
190	11.0	33.1	52.9	72.8	92.6	101.4	101.4	-	101.4

SSL

334.7 ft Main boom

	Radius ft	lb							
			0	88.2	176.4	264.6	352.7	396.8	
			1,000 lb						
33	235.9	235.9	-	-	-	-	-	-	260.1
39	224.9	235.9	-	-	-	-	-	-	260.1
46	178.6	235.9	244.7	-	-	-	-	-	260.1
52	145.5	231.5	244.7	-	-	-	-	-	260.1
59	121.3	194.0	244.7	-	-	-	-	-	260.1
65	101.4	167.6	233.7	249.1	-	-	-	-	260.1
72	88.2	145.5	205.0	249.1	-	-	-	-	260.1
79	77.2	130.1	180.8	233.7	260.1	-	-	-	260.1
85	68.3	114.6	163.1	211.6	257.9	257.9	-	-	257.9
92	59.5	103.6	147.7	191.8	235.9	255.7	255.7	-	255.7
98	52.9	92.6	134.5	174.2	216.1	235.9	235.9	-	235.9
111	41.9	77.2	112.4	147.7	183.0	200.6	200.6	-	200.6
124	33.1	66.1	97.0	127.9	158.7	174.2	174.2	-	174.2
138	26.5	55.1	83.8	112.4	138.9	152.1	152.1	-	152.1
151	22.0	48.5	72.8	99.2	123.5	136.7	136.7	-	136.7
164	17.6	41.9	63.9	88.2	110.2	121.3	121.3	-	121.3
177	13.2	35.3	57.3	79.4	99.2	110.2	110.2	-	110.2
190	11.0	30.9	50.7	70.5	90.4	101.4	101.4	-	101.4
203	8.8	26.5	46.3	63.9	83.8	92.6	92.6	-	92.6
216	6.6	24.3	41.9	59.5	77.2	86.0	86.0	-	86.0

SSL/LSL

236.2 ft Main boom

	ft							
		0	88.2	176.4	264.6	352.7	396.8	440.9
		1,000 lb						
33	266.8	277.8	-	-	-	-	-	299.8
39	227.1	277.8	-	-	-	-	-	299.8
46	176.4	277.8	291.0	-	-	-	-	299.8
52	143.3	229.3	291.0	-	-	-	-	299.8
59	119.0	194.0	269.0	295.4	-	-	-	299.8
65	101.4	167.6	231.5	291.0	-	-	-	295.4
72	88.2	145.5	205.0	262.4	295.4	-	-	295.4
79	77.2	127.9	180.8	233.7	286.6	288.8	-	288.8
85	66.1	114.6	163.1	209.4	257.9	280.0	280.0	-
92	59.5	103.6	147.7	191.8	233.7	255.7	255.7	-
98	52.9	92.6	134.5	174.2	213.8	235.9	235.9	-
111	41.9	77.2	112.4	147.7	183.0	200.6	200.6	-
124	33.1	63.9	97.0	127.9	158.7	174.2	174.2	-
138	26.5	55.1	83.8	110.2	138.9	152.1	152.1	-
151	22.0	48.5	72.8	97.0	123.5	136.7	136.7	-
164	17.6	41.9	63.9	88.2	110.2	121.3	121.3	-
177	13.2	35.3	57.3	79.4	99.2	110.2	110.2	-
190	8.8	30.9	50.7	70.5	90.4	99.2	99.2	-
203	6.6	26.5	46.3	63.9	81.6	92.6	92.6	-

SSL

275.6 ft Main boom

	ft							
		0	88.2	176.4	264.6	352.7	396.8	440.9
		1,000 lb						
39	196.2	200.6	-	-	-	-	-	220.5
46	176.4	200.6	-	-	-	-	-	220.5
52	143.3	200.6	207.2	-	-	-	-	220.5
59	119.0	194.0	207.2	-	-	-	-	220.5
65	101.4	167.6	207.2	-	-	-	-	220.5
72	86.0	145.5	202.8	211.6	-	-	-	218.3
79	75.0	127.9	180.8	211.6	-	-	-	218.3
85	66.1	114.6	160.9	209.4	-	-	-	213.8
92	57.3	101.4	145.5	189.6	209.4	-	-	209.4
98	50.7	92.6	132.3	174.2	202.8	-	-	202.8
111	41.9	77.2	112.4	147.7	183.0	191.8	-	191.8
124	33.1	63.9	94.8	125.7	156.5	172.0	172.0	-
138	26.5	55.1	81.6	110.2	138.9	152.1	152.1	-
151	19.8	46.3	72.8	97.0	123.5	134.5	134.5	-
164	15.4	39.7	63.9	86.0	110.2	121.3	121.3	-
177	11.0	35.3	57.3	77.2	99.2	110.2	110.2	-
190	8.8	28.7	50.7	70.5	90.4	99.2	99.2	-
203	6.6	26.5	44.1	63.9	81.6	90.4	90.4	-
216	-	22.0	39.7	57.3	75.0	83.8	83.8	-
229	-	19.8	35.3	52.9	68.3	77.2	77.2	-
243	-	17.6	33.1	48.5	63.9	70.5	70.5	-

SSL/LSL

Lifting capacities main boom with Superlift

198 klb  23.8 ft SL-Radius 42.7 ft 360° DIN/ISO

295.3 ft Main boom

	Radius ft	lb	1,000 lb					
			0	88.2	176.4	264.6	352.7	396.8
SSL/LSL	39	169.8	172.0	-	-	-	-	189.6
	46	167.6	172.0	-	-	-	-	189.6
	52	141.1	172.0	-	-	-	-	187.4
	59	119.0	172.0	174.2	-	-	-	185.2
	65	101.4	165.3	174.2	-	-	-	185.2
	72	86.0	145.5	174.2	-	-	-	183.0
	79	75.0	127.9	174.2	-	-	-	183.0
	85	66.1	112.4	160.9	178.6	-	-	180.8
	92	57.3	101.4	145.5	176.4	-	-	178.6
	98	50.7	92.6	132.3	172.0	-	-	176.4
	111	39.7	75.0	110.2	145.5	167.6	-	167.6
	124	30.9	63.9	94.8	125.7	156.5	156.5	156.5
	138	24.3	52.9	81.6	110.2	136.7	145.5	145.5
	151	19.8	46.3	70.5	97.0	121.3	132.3	132.3
	164	15.4	39.7	61.7	86.0	108.0	119.0	119.0
	177	11.0	33.1	55.1	77.2	97.0	108.0	108.0
	190	8.8	28.7	48.5	68.3	88.2	99.2	99.2
	203	-	24.3	44.1	61.7	81.6	90.4	90.4
	216	-	22.0	39.7	57.3	75.0	81.6	81.6
	229	-	17.6	35.3	52.9	68.3	75.0	75.0
	243	-	15.4	30.9	48.5	61.7	66.1	66.1
	256	-	13.2	28.7	44.1	57.3	59.5	59.5

334.7 ft Main boom

	Radius ft	lb	1,000 lb					
			0	88.2	176.4	264.6	352.7	396.8
SSL/LSL	39	125.7	-	-	-	-	-	136.7
	46	125.7	125.7	-	-	-	-	136.7
	52	125.7	125.7	-	-	-	-	136.7
	59	112.4	125.7	-	-	-	-	136.7
	65	94.8	125.7	-	-	-	-	136.7
	72	81.6	125.7	125.7	-	-	-	134.5
	79	70.5	125.7	125.7	-	-	-	134.5
	85	61.7	112.4	125.7	-	-	-	132.3
	92	55.1	101.4	125.7	-	-	-	132.3
	98	48.5	90.4	125.7	-	-	-	130.1
	111	37.5	75.0	110.2	125.7	-	-	125.7
	124	28.7	61.7	92.6	121.3	-	-	123.5
	138	22.0	52.9	79.4	108.0	119.0	-	119.0
	151	17.6	44.1	70.5	94.8	114.6	-	114.6
	164	13.2	37.5	61.7	83.8	108.0	112.4	112.4
	177	8.8	30.9	52.9	75.0	97.0	108.0	108.0
	190	6.6	26.5	48.5	68.3	88.2	97.0	97.0
	203	-	22.0	41.9	61.7	79.4	88.2	88.2
	216	-	19.8	37.5	55.1	72.8	81.6	81.6
	229	-	15.4	33.1	50.7	66.1	75.0	75.0
	243	-	13.2	28.7	46.3	61.7	68.3	68.3
	256	-	11.0	26.5	41.9	55.1	63.9	63.9
	269	-	8.8	22.0	37.5	52.9	59.5	59.5
	282	-	6.6	19.8	35.3	48.5	55.1	55.1
	295	-	-	17.6	30.9	44.1	50.7	50.7

315.0 ft Main boom

	ft	lb	1,000 lb					
			0	88.2	176.4	264.6	352.7	396.8
SSL/LSL	39	145.5	147.7	-	-	-	-	154.3
	46	145.5	147.7	-	-	-	-	154.3
	52	136.7	147.7	-	-	-	-	152.1
	59	114.6	147.7	-	-	-	-	152.1
	65	97.0	145.5	147.7	-	-	-	149.9
	72	83.8	143.3	145.5	-	-	-	147.7
	79	72.8	125.7	143.3	-	-	-	145.5
	85	63.9	112.4	143.3	-	-	-	145.5
	92	55.1	101.4	141.1	-	-	-	143.3
	98	48.5	90.4	130.1	138.9	-	-	141.1
	111	39.7	75.0	110.2	134.5	-	-	138.9
	124	30.9	61.7	92.6	123.5	138.9	-	138.9
	138	24.3	52.9	81.6	108.0	136.7	136.7	136.7
	151	17.6	44.1	70.5	94.8	121.3	132.3	132.3
	164	13.2	37.5	61.7	83.8	108.0	119.0	119.0
	177	8.8	33.1	55.1	75.0	97.0	108.0	108.0
	190	6.6	26.5	48.5	68.3	88.2	97.0	97.0
	203	-	22.0	41.9	61.7	79.4	88.2	88.2
	216	-	19.8	37.5	55.1	72.8	81.6	81.6
	229	-	15.4	33.1	50.7	66.1	75.0	75.0
	243	-	13.2	30.9	46.3	61.7	68.3	68.3
	256	-	11.0	26.5	41.9	57.3	63.9	63.9
	269	-	8.8	24.3	37.5	52.9	59.5	59.5

354.3 ft Main boom

	ft	lb	1,000 lb					
			0	88.2	176.4	264.6	352.7	396.8
SSL/LSL	46	94.8	-	-	-	-	-	103.6
	52	92.6	94.8	-	-	-	-	101.4
	59	92.6	94.8	-	-	-	-	99.2
	65	90.4	92.6	-	-	-	-	97.0
	72	79.4	90.4	-	-	-	-	97.0
	79	68.3	86.0	-	-	-	-	97.0
	85	59.5	83.8	-	-	-	-	97.0
	92	50.7	83.8	88.2	-	-	-	97.0
	98	44.1	83.8	88.2	-	-	-	97.0
	111	35.3	72.8	88.2	-	-	-	97.0
	124	26.5	61.7	88.2	92.6	-	-	97.0
	138	19.8	50.7	79.4	92.6	-	-	97.0
	151	15.4	41.9	68.3	92.6	97.0	-	97.0
	164	11.0	35.3	59.5	83.8	97.0	-	97.0
	177	6.6	30.9	52.9	72.8	94.8	97.0	97.0
	190	-	24.3	46.3	66.1	86.0	94.8	94.8
	203	-	19.8	39.7	59.5	77.2	86.0	86.0
	216	-	17.6	35.3	52.9	70.5	79.4	79.4
	229	-	13.2	30.9	48.5	63.9	72.8	72.8
	243	-	11.0	26.5	44.1	59.5	66.1	66.1
	256	-	8.8	24.3	39.7	55.1	61.7	61.7
	269	-	6.6	22.0	35.3	50.7	57.3	57.3
	282	-	-	17.6	33.1	46.3	52.9	52.9
	295	-	-	15.4	28.7	41.9	48.5	48.5
	308	-	-	13.2	26.5	39.7	46.3	46.3