

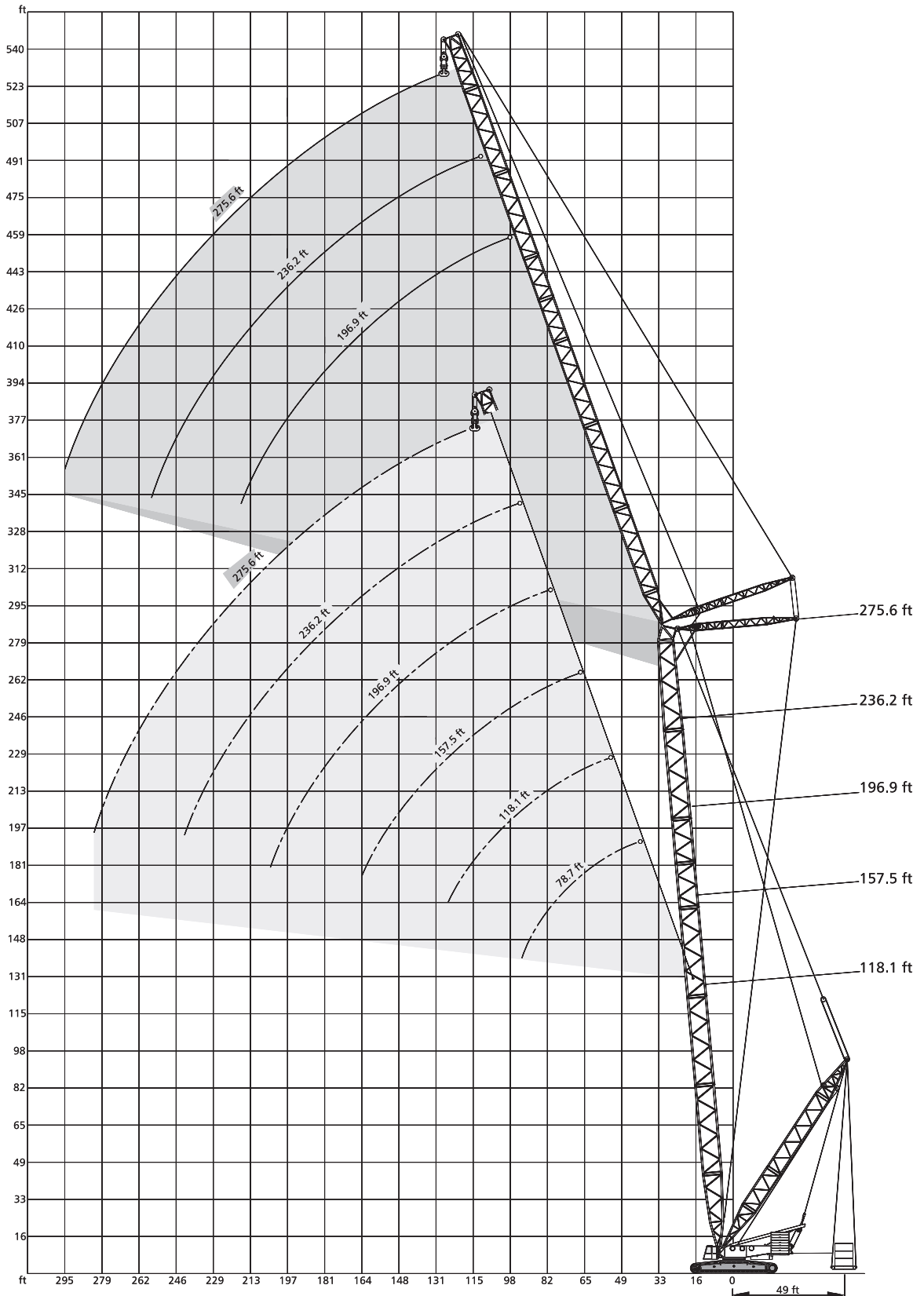


LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 2800 - 660 TON CAPACITY



Working ranges luffing fly jib with SL, main boom 85°



SWSL







Lifting capacities luffing fly jib with SL, main boom 85°

353,000 lb  27.6 ft  SL-Radius 49.2 ft  360°  DIN/ISO

118.1 ft Main boom																			
																			
Fly jib	Radius ft	lb							496.0	Fly jib	Radius ft	lb							496.0
		0	110.2	220.5	330.7	440.9	551.2	0				110.2	220.5	330.7	440.9				
		1,000 lb																	
	52	337.3	496.6	599.7	661.4	661.4	-	661.4		98	127.9	189.6	207.2	-	-	211.6			
	59	286.6	399.0	509.3	621.7	661.4	-	661.4		111	108.0	158.7	207.2	211.6	-	211.6			
	65	246.9	343.9	443.1	540.1	637.1	661.4	661.4		124	90.4	136.7	180.8	207.2	-	207.2			
	72	216.1	304.2	390.2	476.2	564.4	606.3	601.9		138	77.2	119.0	158.7	200.6	200.6	200.6			
	79	191.8	271.2	348.3	427.7	504.9	544.5	544.5		151	66.1	103.6	141.1	176.4	191.8	191.8			
SWSL	78.7 ft	85	174.2	244.7	315.3	385.8	456.4	471.8	471.8	SWSL	236.2 ft	164	57.3	92.6	125.7	158.7	183.0	183.0	
		92	156.5	220.5	286.6	350.5	401.2	-	401.2			177	50.7	81.6	112.4	143.3	174.2	174.2	
												190	44.1	72.8	101.4	130.1	158.7	160.9	
												203	37.5	66.1	92.6	119.0	141.1	141.1	
												216	33.1	59.5	83.8	110.2	125.7	125.7	
												230	28.7	55.1	77.2	101.4	110.2	110.2	
												243	26.5	48.5	70.5	94.8	94.8	94.8	

118.1 ft Main boom																			
																			
Fly jib	Radius ft	lb							606.3	Fly jib	Radius ft	lb							496.0
		0	110.2	220.5	330.7	440.9	551.2	0				110.2	220.5	330.7	440.9				
		1,000 lb																	
	59	282.2	394.6	507.1	566.6	566.6	-	566.6		111	103.6	149.9	149.9	-	-	152.1			
	65	244.7	341.7	438.7	537.9	566.6	-	566.6		124	88.2	132.3	149.9	152.1	-	152.1			
	72	213.8	302.0	388.0	474.0	557.8	557.8	557.8		138	75.0	114.6	149.9	149.9	-	149.9			
	79	189.6	269.0	346.1	423.3	502.7	526.9	526.9		151	63.9	101.4	138.9	149.9	-	149.9			
SWSL	118.1 ft	85	169.8	242.5	313.1	383.6	454.2	498.2	498.2	SWSL	275.6 ft	164	55.1	88.2	123.5	147.7	147.7	147.7	
		92	154.3	218.3	284.4	348.3	414.5	460.8	460.8			177	48.5	79.4	110.2	141.1	145.5	145.5	
												190	41.9	70.5	99.2	127.9	143.3	143.3	
												203	35.3	63.9	90.4	116.8	138.9	138.9	
												216	30.9	57.3	81.6	105.8	130.1	130.1	
												230	26.5	50.7	75.0	99.2	116.8	116.8	
												243	22.0	46.3	68.3	90.4	105.8	105.8	
												256	19.8	41.9	63.9	83.8	92.6	92.6	
												269	15.4	37.5	57.3	77.2	81.6	81.6	
												282	13.2	33.1	52.9	70.5	70.5	70.5	

118.1 ft Main boom																			
																			
Fly jib	Radius ft	lb							496.0	Fly jib	Radius ft	lb							496.0
		0	110.2	220.5	330.7	440.9	551.2	0				110.2	220.5	330.7	440.9				
		1,000 lb																	
	72	209.4	297.6	383.6	412.3	-	-	412.3											
	79	185.2	264.6	341.7	412.3	412.3	-	412.3											
SWSL	157.5 ft	85	167.6	238.1	308.6	379.2	412.3	-	412.3										
		92	149.9	216.1	280.0	343.9	396.8	-	396.8										
		98	136.7	196.2	255.7	315.3	377.0	379.2	379.2										
		111	114.6	167.6	218.3	271.2	321.9	343.9	343.9										
		124	97.0	143.3	189.6	235.9	280.0	302.0	302.0										
		138	83.8	125.7	167.6	207.2	249.1	257.9	257.9										
		151	75.0	110.2	147.7	185.5	220.5	-	220.5										
		164	66.1	99.2	132.3	167.6	185.2	-	185.2										



118.1 ft Main boom																			
																			
Fly jib	Radius ft	lb							496.0	Fly jib	Radius ft	lb							496.0
		0	110.2	220.5	330.7	440.9	551.2	0				110.2	220.5	330.7	440.9				
		1,000 lb																	
	85	163.1	233.7	293.2	295.4	-	-	295.4											
	92	145.5	211.6	275.6	295.4	-	-	295.4											
	98	132.3	191.8	251.3	295.4	295.4	-	295.4											
	111	110.2	163.1	213.8	266.8	282.2	-	282.2											
SWSL	196.9 ft	124	94.8	138.9	185.2	231.5	262.4	262.4											
		138	81.6	121.3	163.1	202.8	242.5	242.5											
		151	70.5	108.0	143.3	180.8	218.3	220.5											
		164	61.7	94.8	130.1	163.1	196.2	198.4											
		177	55.1	86.0	116.8	147.7	174.2	174.2											
		190	48.5	77.2	105.8	134.5	152.1	152.1											
		203	44.1	70.5	97.0	123.5	130.1	130.1											

Remarks

Superlift mast 98.4 ft

Lifting capacities luffing fly jib with SL, main boom 85°

353,000 lb   27.6 ft SL-Radius 49.2 ft 360° DIN/ISO

196.9 ft Main boom																			
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	496.0	Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	496.0		
	ft		1,000 lb								ft		1,000 lb						
	65		233.7	330.7	388.0	392.4	-	392.4		124		81.6	123.5	123.5	-	-	125.7		
	72		205.0	291.0	379.2	392.4	-	392.4		138		68.3	110.2	123.5	125.7	-	125.7		
	79		180.8	260.1	337.3	388.0	388.0	388.0		151		59.5	94.8	123.5	123.5	-	123.5		
	85		163.1	233.7	304.2	374.8	377.0	377.0		164		50.7	83.8	116.8	121.3	-	121.3		
	92		147.7	211.6	275.6	341.7	363.8	363.8		177		41.9	75.0	105.8	119.0	-	119.0		
SWSL	118.1 ft	98	134.5	194.0	253.5	313.1	352.7	352.7	SWSL	275.6 ft	190	35.3	66.1	94.8	116.8	116.8	116.8		
		111	112.4	163.1	216.1	266.8	319.7	328.5			203	30.9	59.5	86.0	112.4	114.6	114.6		
		124	97.0	141.1	187.4	233.7	277.8	302.0			216	26.5	52.9	77.2	103.6	112.4	112.4		
		138	83.8	123.5	165.3	205.0	240.3	240.3			230	22.0	46.3	70.5	94.8	108.0	108.0		
											243	17.6	41.9	63.9	88.2	105.8	105.8		
											256	15.4	37.5	59.5	81.6	97.0	97.0		
											269	13.2	33.1	55.1	75.0	86.0	86.0		
											282	11.0	30.9	50.7	70.5	75.0	75.0		

		lb	0	110.2	220.5	330.7	440.9	551.2	496.0
	ft		1,000 lb						
	79		176.4	255.7	293.2	297.6	-	-	297.6
	85		158.7	229.3	293.2	297.6	-	-	297.6
	92		143.3	207.2	273.4	297.6	-	-	297.6
	98		130.1	189.6	249.1	291.0	291.0	-	291.0
SWSL	157.5 ft	111	108.0	160.9	211.6	264.6	277.8	-	277.8
		124	92.6	138.9	183.0	229.3	262.4	-	262.4
		138	79.4	121.3	160.9	202.8	242.5	249.1	249.1
		151	68.3	105.8	143.3	180.8	216.1	235.9	235.9
		164	61.7	94.8	127.9	163.1	196.2	202.8	202.8
		177	55.1	86.0	116.8	147.7	165.3	-	165.3

		lb	0	110.2	220.5	330.7	440.9	496.0	
	ft		1,000 lb						
	92		138.9	202.8	222.7	-	-	224.9	
	98		125.7	185.2	222.7	224.9	-	224.9	
	111		103.6	156.5	207.2	222.7	-	222.7	
	124		88.2	134.5	178.6	216.1	216.1	216.1	
SWSL	196.9 ft	138	75.0	116.8	156.5	198.4	209.4	209.4	
		151	66.1	101.4	138.9	176.4	200.6	200.6	
		164	57.3	90.4	123.5	158.7	189.6	189.6	
		177	50.7	81.6	112.4	143.3	174.2	180.8	
		190	44.1	72.8	101.4	130.1	158.7	160.9	
		203	37.5	66.1	92.6	119.0	138.9	138.9	


		lb	0	110.2	220.5	330.7	440.9	496.0	
	ft		1,000 lb						
	111		99.2	152.1	167.6	-	-	169.8	
	124		83.8	130.1	167.6	167.6	-	167.6	
	138		70.5	112.4	154.3	163.1	-	163.1	
	151		61.7	99.2	134.5	158.7	-	158.7	
SWSL	236.2 ft	164	52.9	86.0	121.3	154.3	154.3	154.3	
		177	46.3	77.2	108.0	138.9	149.9	149.9	
		190	39.7	68.3	97.0	125.7	145.5	145.5	
		203	33.1	61.7	88.2	114.6	138.9	138.9	
		216	28.7	55.1	81.6	105.8	130.1	132.3	
		230	24.3	50.7	75.0	97.0	116.8	116.8	
		243	22.0	44.1	68.3	90.4	101.4	101.4	

Remarks

Superlift mast 98.4 ft

Lifting capacities luffing fly jib with SL, main boom 85°

353,000 lb  27.6 ft  SL-Radius 49.2 ft  360°  DIN/ISO

236.2 ft Main boom								
								
Fly jib	Radius	lb	0	110.2	220.5	330.7	440.9	496.0
		1,000 lb						
	85		154.3	224.9	229.3	-	-	233.7
	92		138.9	202.8	229.3	233.7	-	233.7
	98		125.7	185.2	229.3	231.5	-	231.5
SWSL	157.5 ft	111	103.6	156.5	207.2	222.7	-	222.7
		124	88.2	134.5	180.8	213.8	-	213.8
		138	77.2	116.8	158.7	198.4	202.8	202.8
		151	66.1	103.6	141.1	176.4	194.0	194.0
		164	57.3	92.6	125.7	158.7	185.2	185.2
		177	50.7	81.6	112.4	145.5	176.4	176.4

		0	110.2	220.5	330.7	440.9	496.0	
		1,000 lb						
	98	121.3	176.4	178.6	-	-	180.8	
	111	101.4	152.1	178.6	178.6	-	178.6	
	124	83.8	130.1	172.0	174.2	-	174.2	
	138	72.8	112.4	154.3	167.6	-	167.6	
SWSL	196.9 ft	151	61.7	99.2	136.7	160.9	160.9	160.9
		164	55.1	88.2	121.3	154.3	156.5	156.5
		177	46.3	79.4	110.2	141.1	152.1	152.1
		190	41.9	70.5	99.2	127.9	145.5	145.5
		203	35.3	63.9	90.4	116.8	141.1	141.1
		216	30.9	57.3	81.6	108.0	123.5	123.5

		0	110.2	220.5	330.7	440.9	385.8	
		1,000 lb						
	111	97.0	134.5	136.7	-	-	138.9	
	124	81.6	125.7	136.7	-	-	138.9	
	138	68.3	110.2	134.5	134.5	-	134.5	
	151	57.3	94.8	130.1	132.3	-	132.3	
SWSL	236.2 ft	164	48.5	83.8	116.8	127.9	-	127.9
		177	41.9	75.0	105.8	123.5	123.5	123.5
		190	35.3	66.1	94.8	119.0	119.0	119.0
		203	30.9	59.5	86.0	112.4	116.8	116.8
		216	26.5	52.9	79.4	103.6	112.4	112.4
		230	22.0	48.5	72.8	94.8	108.0	105.8
		243	19.8	41.9	66.1	88.2	103.6	99.2
256	15.4	39.7	61.7	81.6	90.4	90.4		

		0	110.2	220.5	330.7	440.9	385.8	
		1,000 lb						
	124	75.0	103.6	103.6	-	-	105.8	
	138	63.9	103.6	103.6	-	-	105.8	
	151	52.9	92.6	103.6	103.6	-	103.6	
	164	46.3	81.6	101.4	101.4	-	101.4	
SWSL	275.6 ft	177	39.7	72.8	99.2	101.4	-	101.4
		190	33.1	63.9	92.6	99.2	-	99.2
		203	28.7	55.1	83.8	97.0	97.0	97.0
		216	24.3	50.7	75.0	94.8	94.8	94.8
		230	19.8	44.1	68.3	92.6	92.6	92.6
		243	15.4	39.7	63.9	86.0	88.2	88.2
		256	13.2	35.3	57.3	79.4	86.0	86.0
	269	11.0	30.9	52.9	72.8	83.8	83.8	
	282	8.8	28.7	48.5	68.3	79.4	77.2	
	295	-	24.3	44.1	63.9	66.1	66.1	



Remarks



Superlift mast 98.4 ft



Lifting capacities luffing fly jib with SL, main boom 85°

353,000 lb  27.6 ft  SL-Radius 49.2 ft  360°  DIN/ISO

275.6 ft Main boom

		 					
Fly jib	Radius	lb	0	110.2	220.5	330.7	385.8
	ft		1,000 lb				
	98		114.6	134.5	136.7	-	141.1
	111		94.8	134.5	136.7	-	141.1
	124		81.6	125.7	134.5	-	136.7
	138		68.3	110.2	130.1	130.1	130.1
	151		59.5	97.0	123.5	125.7	125.7
SWSL	196.9 ft	164	50.7	86.0	119.0	121.3	121.3
		177	44.1	75.0	105.8	114.6	114.6
		190	37.5	68.3	97.0	110.2	110.2
		203	33.1	61.7	88.2	105.8	105.8
		216	28.7	55.1	79.4	101.4	101.4

		 					
	ft	lb	0	110.2	220.5	330.7	385.8
			1,000 lb				
	111		88.2	105.8	105.8	-	108.0
	124		72.8	105.8	105.8	-	108.0
	138		61.7	103.6	103.6	-	105.8
	151		52.9	92.6	101.4	103.6	103.6
SWSL	236.2 ft	164	46.3	81.6	99.2	99.2	99.2
		177	39.7	70.5	94.8	97.0	97.0
		190	33.1	63.9	92.6	92.6	92.6
		203	28.7	57.3	83.8	90.4	90.4
		216	24.3	50.7	75.0	86.0	86.0
		230	19.8	44.1	68.3	83.8	83.8
		243	17.6	39.7	63.9	81.6	81.6
		256	13.2	35.3	57.3	79.4	79.4

		 					
	ft	lb	0	110.2	220.5	330.7	385.8
			1,000 lb				
	124		68.3	83.8	86.0	-	88.2
	138		57.3	83.8	86.0	-	88.2
	151		48.5	83.8	83.8	-	86.0
	164		39.7	77.2	83.8	83.8	83.8
	177		33.1	68.3	81.6	81.6	81.6
	190		28.7	59.5	79.4	79.4	79.4
SWSL	275.6 ft	203	24.3	52.9	77.2	77.2	77.2
		216	19.8	46.3	72.8	75.0	75.0
		230	17.6	41.9	66.1	72.8	72.8
		243	13.2	37.5	59.5	70.5	70.5
		256	11.0	33.1	55.1	68.3	68.3
		269	-	28.7	50.7	63.9	63.9
		282	-	26.5	46.3	61.7	61.7
		295	-	22.0	41.9	59.5	59.5

Remarks

Superlift mast 98.4 ft