

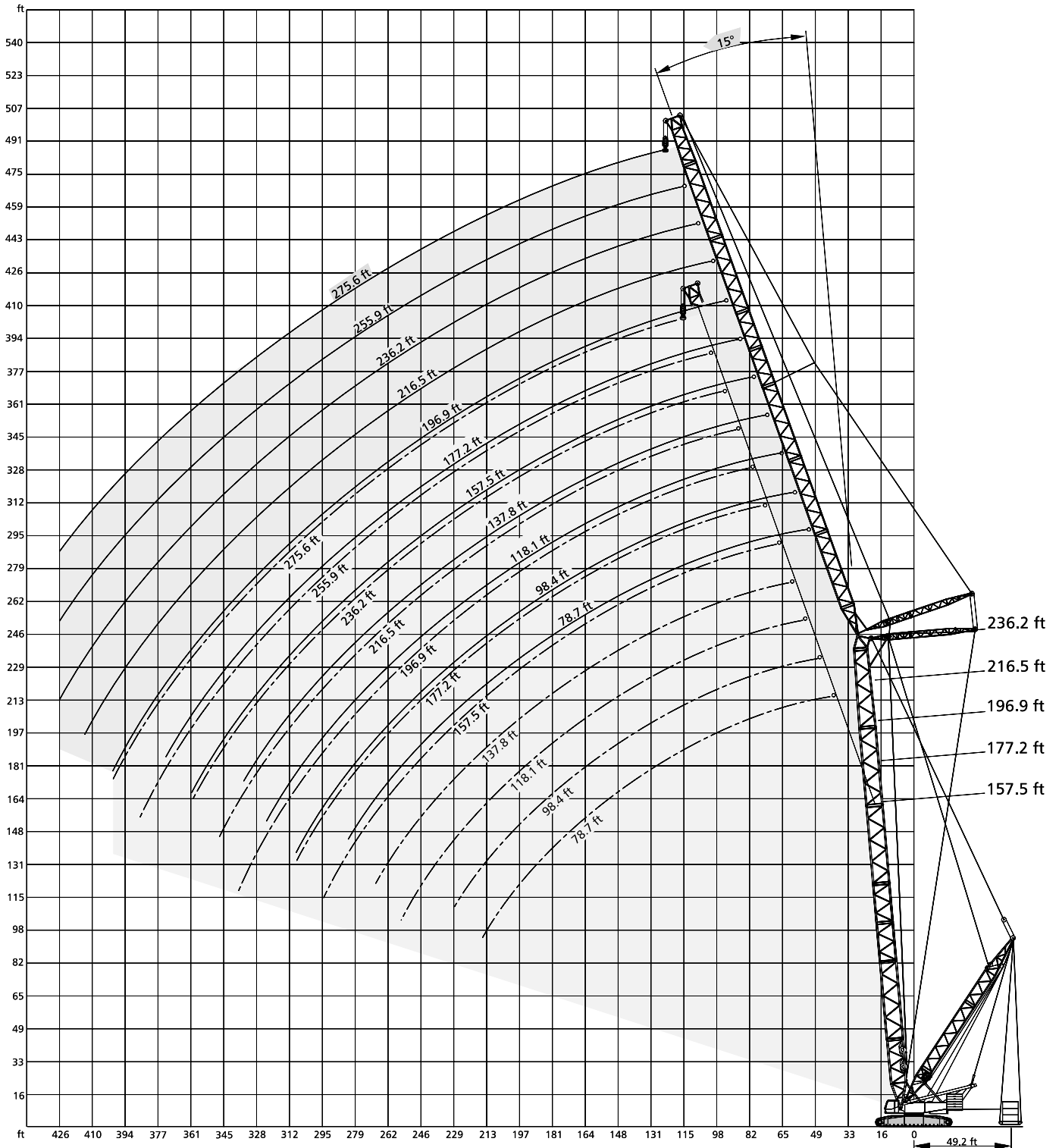


LIFTING CHARTS - Crawler Cranes

DEMAG MODEL CC 2500 - 500 TON CAPACITY

Working ranges fixed fly jib with SL, 15°

SFSL







STERLING CRANE

Lifting capacities fixed fly jib with SL, 15°

265,000 lb   25.6 ft SL-Radius 49.2 ft 360° DIN/ISO

157.5 ft Main boom

Fly jib	Radius	SL 							SL 							
		lb	0	132.3	220.5	308.6	396.8		440.9	lb	0	132.3	220.5	308.6		396.8
	ft	1,000 lb								1,000 lb						
	59	185.2	315.3	401.2	436.5	-	443.1		98	86.0	141.1	-	-	-	149.9	
	65	156.5	269.0	343.9	421.1	443.1	443.1		105	77.2	141.1	143.3	-	-	149.9	
	72	132.3	233.7	302.0	368.2	434.3	434.3		111	68.3	127.9	143.3	-	-	149.9	
	79	114.6	205.0	266.8	326.3	385.8	385.8		118	61.7	116.8	143.3	-	-	149.9	
	85	99.2	183.0	238.1	291.0	346.1	346.1		124	55.1	108.0	143.3	-	-	149.9	
	92	86.0	163.1	213.8	262.4	313.1	313.1		131	48.5	99.2	132.3	147.7	-	149.9	
	98	77.2	145.5	191.8	240.3	286.6	286.6		138	41.9	90.4	123.5	147.7	-	149.9	
	105	66.1	132.3	174.2	218.3	262.4	262.4		151	33.1	77.2	105.8	134.5	149.9	149.9	
	111	59.5	119.0	160.9	200.6	240.3	240.3		164	24.3	66.1	92.6	119.0	145.5	145.5	
SFSL	78.7 ft	118	50.7	108.0	147.7	185.2	222.7	222.7	SFSL	177	17.6	57.3	81.6	105.8	130.1	130.1
		124	44.1	99.2	134.5	172.0	207.2	207.2		191	13.2	48.5	70.5	94.8	116.8	116.8
		131	39.7	90.4	125.7	158.7	191.8	191.8		203	6.6	41.9	63.9	83.8	105.8	105.8
		138	33.1	83.8	114.6	147.7	178.6	178.6		216	-	35.3	55.1	75.0	94.8	94.8
		151	24.3	70.5	99.2	127.9	156.5	156.5		230	-	28.7	48.5	68.3	86.0	86.0
		164	17.6	59.5	86.0	112.4	138.9	138.9		243	-	24.3	41.9	61.7	79.4	79.4
		177	11.0	50.7	75.0	99.2	123.5	123.5		256	-	19.8	37.5	55.1	70.5	70.5
		191	6.6	41.9	66.1	88.2	112.4	112.4		269	-	15.4	30.9	48.5	63.9	63.9
		203	-	35.3	57.3	79.4	101.4	101.4		282	-	11.0	26.5	44.1	59.5	59.5
		216	-	30.9	50.7	70.5	90.4	90.4		295	-	8.8	24.3	37.5	52.9	52.9
		72	138.9	238.1	304.2	-	-	315.3		308	-	-	19.8	33.1	48.5	48.5
		79	119.0	209.4	271.2	308.6	-	315.3		321	-	-	15.4	30.9	44.1	44.1
		85	103.6	187.4	242.5	295.4	-	315.3		335	-	-	13.2	26.5	39.7	39.7
		92	90.4	167.6	216.1	266.8	315.3	315.3								
		98	79.4	149.9	196.2	242.5	288.8	288.8		118	61.7	94.8	-	-	-	101.4
		105	70.5	134.5	178.6	222.7	264.6	264.6		124	52.9	94.8	-	-	-	101.4
		111	61.7	123.5	163.1	202.8	244.7	244.7		131	48.5	94.8	97.0	-	-	101.4
		118	55.1	112.4	149.9	187.4	224.9	224.9		138	41.9	90.4	97.0	-	-	101.4
		124	48.5	103.6	138.9	174.2	209.4	209.4		151	33.1	77.2	97.0	-	-	101.4
		131	41.9	94.8	127.9	160.9	196.2	196.2		164	24.3	66.1	92.6	99.2	-	101.4
SFSL	118.1 ft	138	37.5	86.0	119.0	149.9	183.0	183.0		177	17.6	57.3	81.6	97.0	-	99.2
		151	28.7	72.8	101.4	130.1	160.9	160.9		191	13.2	48.5	70.5	94.8	99.2	99.2
		164	19.8	61.7	88.2	114.6	141.1	141.1		203	6.6	39.7	63.9	83.8	99.2	99.2
		177	13.2	52.9	77.5	101.4	125.7	125.7		216	-	33.1	55.1	75.0	94.8	94.8
		191	8.8	44.1	68.3	90.4	112.4	112.4	SFSL	230	-	28.7	48.5	68.3	86.0	86.0
		203	-	37.5	59.5	81.6	101.4	101.4		243	-	24.3	41.9	59.5	77.2	77.2
		216	-	30.9	52.9	72.8	92.6	92.6		256	-	17.6	35.3	52.9	70.5	70.5
		230	-	26.5	46.3	66.1	83.8	83.8		269	-	15.4	30.9	48.5	63.9	63.9
		243	-	22.0	39.7	57.3	77.2	77.2		282	-	11.0	26.5	41.9	57.3	57.3
		256	-	17.6	35.3	52.9	70.5	70.5		295	-	6.6	22.0	37.5	52.9	52.9
		85	108.0	189.6	209.4	-	-	216.1		308	-	-	19.8	33.1	48.5	48.5
		92	94.8	169.8	209.4	-	-	216.1		321	-	-	15.4	28.7	44.1	44.1
		98	83.8	152.1	200.6	-	-	216.1		335	-	-	13.2	26.5	39.7	39.7
		105	72.8	138.9	180.8	213.8	-	216.1		348	-	-	8.8	22.0	35.3	35.3
		111	66.1	125.7	165.3	207.2	-	213.8		361	-	-	6.6	19.8	30.9	30.9
		118	57.3	114.6	152.1	189.6	-	211.6								
		124	50.7	105.8	141.1	176.4	209.4	209.4								
		131	46.3	97.0	130.1	163.1	198.4	198.4								
		138	39.7	88.2	121.3	152.1	185.2	185.2								
		151	30.9	75.0	103.6	132.3	163.1	163.1								
SFSL	157.5 ft	164	22.0	63.9	90.4	116.8	143.3	143.3								
		177	15.4	55.1	79.4	103.6	127.9	127.9								
		191	11.0	46.3	70.5	92.6	114.6	114.6								
		203	6.6	39.7	61.7	81.6	103.6	103.6								
		216	-	33.1	52.9	75.0	92.6	92.6								
		230	-	26.5	46.3	66.1	83.8	83.8								
		243	-	22.0	39.7	59.5	77.2	77.2								
		256	-	17.6	35.3	52.9	70.5	70.5								
		269	-	13.2	30.9	46.3	63.9	63.9								
		282	-	11.0	26.5	41.9	57.3	57.3								
		295	-	6.6	22.0	37.5	52.9	52.9								



Remarks: Superlift mast 98.4 ft



STERLING CRANE

Lifting capacities fixed fly jib with SL, 15°

265,000 lb   25.6 ft SL-Radius 49.2 ft 360° DIN/ISO

196.9 ft Main boom

Fly jib	Radius ft	SL 						
		lb	0	132.3	220.5	308.6		396.8
			1,000 lb					
92	92.6	160.9	-	-	-	-	169.8	
98	79.4	149.9	163.1	-	-	-	169.8	
105	70.5	134.5	163.1	-	-	-	169.8	
111	61.7	123.5	163.1	-	-	-	169.8	
118	55.1	110.2	149.9	165.3	-	-	169.8	
124	46.3	101.4	136.7	165.3	-	-	169.8	
131	39.7	92.6	125.7	160.9	-	-	169.8	
138	35.3	83.8	116.8	147.7	169.8	-	169.8	
151	24.3	70.5	99.2	130.1	158.7	-	158.7	
164	17.6	59.5	86.0	112.4	138.9	-	138.9	
177	11.0	48.5	75.0	99.2	123.5	-	123.5	
SFSL	157.5 ft							
191	-	39.7	63.9	88.2	110.2	-	110.2	
203	-	33.1	55.1	77.2	99.2	-	99.2	
216	-	26.5	48.5	68.3	88.2	-	88.2	
230	-	22.0	41.9	59.5	79.4	-	79.4	
243	-	15.4	35.3	52.9	72.8	-	72.8	
256	-	11.0	28.7	46.3	63.9	-	63.9	
269	-	8.8	24.3	41.9	57.3	-	57.3	
282	-	-	19.8	35.3	50.7	-	50.7	
295	-	-	15.4	30.9	46.3	-	46.3	
308	-	-	13.2	26.5	41.9	-	41.9	
321	-	-	8.8	24.3	37.5	-	37.5	

Fly jib	Radius ft	SL 						
		lb	0	132.3	220.5	308.6		396.8
			1,000 lb					
118	55.1	75.0	-	-	-	-	81.6	
124	48.5	75.0	-	-	-	-	81.6	
131	41.9	75.0	-	-	-	-	81.6	
138	37.5	75.0	-	-	-	-	81.6	
151	26.5	75.0	77.2	-	-	-	81.6	
164	19.8	63.9	77.2	-	-	-	81.6	
177	13.2	52.9	77.2	79.4	-	-	81.6	
191	6.6	44.1	68.3	79.4	-	-	81.6	
203	-	35.3	59.5	79.4	-	-	81.6	
216	-	28.7	50.7	70.5	81.6	-	81.6	
230	-	24.3	44.1	61.7	81.6	-	81.6	
SFSL	236.2 ft							
243	-	17.6	37.5	55.1	72.8	-	72.8	
256	-	13.2	30.9	48.5	66.1	-	66.1	
269	-	8.8	26.5	41.9	59.5	-	59.5	
282	-	6.6	22.0	37.5	52.9	-	52.9	
295	-	-	17.6	33.1	48.5	-	48.5	
308	-	-	13.2	28.7	41.9	-	41.9	
321	-	-	11.0	24.3	37.5	-	37.5	
335	-	-	6.6	19.8	33.1	-	33.1	
348	-	-	-	17.6	28.7	-	28.7	
361	-	-	-	13.2	26.5	-	26.5	
374	-	-	-	11.0	22.0	-	22.0	
387	-	-	-	8.8	19.8	-	19.8	
400	-	-	-	6.6	17.6	-	17.6	

105	72.8	112.4	-	-	-	-	119.0
111	63.9	112.4	-	-	-	-	119.0
118	57.3	112.4	114.6	-	-	-	119.0
124	50.7	105.8	114.6	-	-	-	119.0
131	44.1	94.8	114.6	-	-	-	119.0
138	37.5	88.2	114.6	-	-	-	119.0
151	28.7	75.0	103.6	116.8	-	-	119.0
164	19.8	61.7	88.2	114.6	-	-	119.0
177	13.2	52.9	77.2	101.4	119.0	-	119.0
191	6.6	44.1	68.3	90.4	112.4	-	112.4
203	-	35.3	57.3	79.4	101.4	-	101.4
216	-	28.7	50.7	70.5	90.4	-	90.4
SFSL	196.9 ft						
230	-	24.3	44.1	61.7	81.6	-	81.6
243	-	17.6	37.5	55.1	75.0	-	75.0
256	-	13.2	30.9	48.5	66.1	-	66.1
269	-	8.8	26.5	44.1	59.5	-	59.5
282	-	6.6	22.0	37.5	52.9	-	52.9
295	-	-	17.6	33.1	48.5	-	48.5
308	-	-	13.2	28.7	41.9	-	41.9
321	-	-	11.0	24.3	37.5	-	37.5
335	-	-	8.8	22.0	33.1	-	33.1
348	-	-	-	17.6	30.9	-	30.9
361	-	-	-	15.4	26.5	-	26.5

131	41.9	48.5	-	-	-	-	55.1
138	35.3	48.5	-	-	-	-	55.1
151	26.5	48.5	-	-	-	-	55.1
164	19.8	48.5	-	-	-	-	55.1
177	11.0	48.5	50.7	-	-	-	55.1
191	6.6	44.1	50.7	-	-	-	55.1
203	-	37.5	50.7	52.9	-	-	55.1
216	-	30.9	50.7	52.9	-	-	55.1
230	-	24.3	44.1	52.9	-	-	52.9
243	-	19.8	37.5	50.7	52.9	-	52.9
256	-	13.2	30.9	48.5	52.9	-	52.9
269	-	8.8	26.5	41.9	50.7	-	50.7
282	-	6.6	22.0	37.5	50.7	-	50.7
SFSL	275.6 ft						
295	-	-	17.6	33.1	48.5	-	48.5
308	-	-	13.2	28.7	41.9	-	41.9
321	-	-	11.0	24.3	37.5	-	37.5
335	-	-	6.6	19.8	33.1	-	33.1
348	-	-	-	17.6	28.7	-	28.7
361	-	-	-	13.2	26.5	-	26.5
374	-	-	-	11.0	22.0	-	22.0
387	-	-	-	8.8	19.8	-	19.8
400	-	-	-	-	15.4	-	15.4
414	-	-	-	-	13.2	-	13.2
427	-	-	-	-	11.0	-	11.0
440	-	-	-	-	8.8	-	8.8

Remarks





Superlift mast 98.4 ft

STERLING CRANE

Lifting capacities fixed fly jib with SL, 15°

265,000 lb   25.6 ft SL-Radius 49.2 ft 360° DIN/ISO

236.2 ft Main boom

Fly jib	Radius ft	SL 					440.9 	Fly jib	Radius ft	SL 					440.9 			
		lb	0	132.3	220.5	308.6				396.8	lb	0	132.3	220.5		308.6	396.8	
		1,000 lb								1,000 lb								
	65	149.9	224.9	-	-	-	242.5		92	86.0	114.6	-	-	-	123.5			
	72	125.7	224.9	231.5	-	-	242.5		98	75.0	114.6	-	-	-	123.5			
	79	105.8	196.2	231.5	-	-	242.5		105	66.1	114.6	-	-	-	123.5			
	85	90.4	174.2	229.3	235.9	-	242.5		111	57.3	114.6	119.0	-	-	123.5			
	92	77.2	154.3	205.0	235.9	-	242.5		118	48.5	108.0	119.0	-	-	123.5			
	98	66.1	136.7	183.0	229.3	-	242.5		124	41.9	97.0	119.0	-	-	123.5			
	105	57.3	123.5	165.3	209.4	242.5	242.5		131	35.3	88.2	119.0	-	-	123.5			
	111	48.5	110.2	149.9	191.8	231.5	231.5		138	30.9	81.6	112.4	121.3	-	123.5			
	118	39.7	99.2	136.7	174.2	213.8	213.8		151	19.8	66.1	97.0	121.3	-	123.5			
	124	33.1	90.4	125.7	160.9	196.2	196.2		164	13.2	55.1	81.6	108.0	123.5	123.5			
	131	26.5	81.6	114.6	147.7	183.0	183.0		177	6.6	44.1	70.5	94.8	119.0	119.0			
SFSL	78.7 ft	138	22.0	72.8	105.8	136.7	169.8		SFSL	157.5 ft	191	-	35.3	59.5	83.8	105.8	105.8	
		151	13.2	59.5	90.4	119.0	147.7	147.7			203	-	28.7	50.7	72.8	94.8	94.8	
		164	-	48.5	75.0	103.6	130.1	130.1			216	-	22.0	41.9	63.9	83.8	83.8	
		177	-	37.5	63.9	90.4	114.6	114.6			230	-	15.4	35.3	55.1	75.0	75.0	
		191	-	28.7	52.9	77.2	101.4	101.4			243	-	11.0	28.7	48.5	66.1	66.1	
		203	-	22.0	44.1	66.1	90.4	90.4			256	-	6.6	24.3	41.9	59.5	59.5	
		216	-	17.6	37.5	57.3	79.4	79.4			269	-	-	19.8	35.3	52.9	52.9	
		230	-	11.0	30.9	50.7	70.5	70.5			282	-	-	15.4	30.9	46.3	46.3	
		243	-	6.6	24.3	44.1	61.7	61.7			295	-	-	11.0	26.5	41.9	41.9	
		256	-	-	19.8	37.5	55.1	55.1			308	-	-	6.6	22.0	35.3	35.3	
		269	-	-	15.4	33.1	48.5	48.5			321	-	-	-	17.6	30.9	30.9	
		282	-	-	11.0	28.7	44.1	44.1			335	-	-	-	13.2	26.5	26.5	
											348	-	-	-	11.0	24.3	24.3	
											361	-	-	-	8.8	19.8	19.8	
		79	112.4	156.5	-	-	-	169.8			105	68.3	77.2	-	-	-	-	
		85	97.0	156.5	-	-	-	169.8			111	59.5	77.2	-	-	-	86.0	
		92	83.8	156.5	160.9	-	-	169.8			118	50.7	77.2	-	-	-	86.0	
		98	72.8	143.3	160.9	-	-	169.8			124	44.1	77.2	-	-	-	86.0	
		105	61.7	127.9	160.9	-	-	169.8			131	37.5	77.2	79.4	-	-	86.0	
		111	52.9	114.6	154.3	165.3	-	169.8			138	33.1	77.2	79.4	-	-	86.0	
		118	46.3	103.6	141.1	165.3	-	169.8			151	22.0	70.5	79.4	-	-	86.0	
		124	37.5	94.8	130.1	165.3	-	169.8			164	15.4	59.5	79.4	81.6	-	86.0	
		131	33.1	86.0	119.0	152.1	169.8	169.8			177	8.8	48.5	75.0	81.6	-	86.0	
		138	26.5	77.2	110.2	141.1	167.6	167.6			191	-	39.7	63.9	81.6	86.0	86.0	
		151	17.6	63.9	92.6	121.3	149.9	149.9			203	-	30.9	52.9	75.0	86.0	86.0	
		164	8.8	50.7	79.4	105.8	132.3	132.3			216	-	24.3	46.3	66.1	86.0	86.0	
SFSL	118.1 ft	177	-	41.9	66.1	92.6	116.8	116.8		SFSL	196.9 ft	230	-	19.8	37.5	57.3	77.2	77.2
		191	-	33.1	57.3	81.6	103.6	103.6			243	-	13.2	33.1	50.7	68.3	68.3	
		203	-	26.5	48.5	70.5	92.6	92.6			256	-	8.8	26.5	44.1	61.7	61.7	
		216	-	19.8	39.7	61.7	81.6	81.6			269	-	-	22.0	37.5	55.1	55.1	
		230	-	13.2	33.1	52.9	72.8	72.8			282	-	-	17.6	33.1	48.5	48.5	
		243	-	8.8	26.5	46.3	63.9	63.9			295	-	-	13.2	28.7	41.9	41.9	
		256	-	-	22.0	39.7	57.3	57.3			308	-	-	8.8	24.3	37.5	37.5	
		269	-	-	17.6	33.1	50.7	50.7			321	-	-	6.6	19.8	33.1	33.1	
		282	-	-	13.2	28.7	44.1	44.1			335	-	-	-	15.4	28.7	28.7	
		295	-	-	8.8	24.3	39.7	39.7			348	-	-	-	13.2	24.3	24.3	
		308	-	-	6.6	19.8	35.3	35.3			361	-	-	-	8.8	22.0	22.0	
		321	-	-	-	17.6	30.9	30.9			374	-	-	-	6.6	17.6	17.6	
											387	-	-	-	-	15.4	15.4	
											400	-	-	-	-	13.2	13.2	

Remarks



Superlift mast 98.4 ft

STERLING CRANE

Lifting capacities fixed fly jib with SL, 15°

265,000 lb   25.6 ft SL-Radius 49.2 ft 360° DIN/ISO

236.2 ft Main boom

																			
Fly jib	Radius	lb	0	132.3	220.5	308.6	396.8	440.9	Fly jib	Radius	lb	0	132.3	220.5	308.6	396.8	440.9		
	ft		1,000 lb								ft		1,000 lb						
	124	44.1	50.7	-	-	-	-	57.3		131	37.5	41.9	-	-	-	-	46.3		
	131	37.5	50.7	-	-	-	-	57.3		138	30.9	41.9	-	-	-	-	46.3		
	138	30.9	50.7	-	-	-	-	57.3		151	22.0	41.9	-	-	-	-	46.3		
	151	22.0	50.7	-	-	-	-	57.3		164	13.2	41.9	-	-	-	-	46.3		
	164	13.2	50.7	52.9	-	-	-	57.3		177	6.6	41.9	44.1	-	-	-	46.3		
	177	6.6	48.5	52.9	-	-	-	57.3		191	-	39.7	44.1	-	-	-	46.3		
	191	-	39.7	52.9	-	-	-	57.3		203	-	33.1	41.9	-	-	-	46.3		
	203	-	33.1	52.9	55.1	-	-	57.3		216	-	26.5	41.9	44.1	-	-	46.3		
	216	-	24.3	46.3	55.1	-	-	57.3		230	-	19.8	39.7	44.1	-	-	46.3		
	230	-	19.8	39.7	55.1	57.3	-	57.3		243	-	15.4	33.1	44.1	-	-	46.3		
	243	-	13.2	33.1	50.7	57.3	-	57.3		256	-	8.8	26.5	41.9	44.1	-	44.1		
SFSL	157.5 ft	256	-	8.8	26.5	44.1	57.3	57.3	SFSL	275.6 ft	269	-	6.6	22.0	39.7	44.1	44.1		
		269	-	-	22.0	37.5	55.1	55.1			282	-	-	17.6	33.1	44.1	44.1		
		282	-	-	17.6	33.1	48.5	48.5			295	-	-	13.2	28.7	41.9	41.9		
		295	-	-	13.2	28.7	41.9	41.9			308	-	-	8.8	24.3	37.5	37.5		
		308	-	-	8.8	24.3	37.5	37.5			321	-	-	6.6	19.8	33.1	33.1		
		321	-	-	-	19.8	33.1	33.1			335	-	-	-	15.4	28.7	28.7		
		335	-	-	-	15.4	28.7	28.7			348	-	-	-	11.0	24.3	24.3		
		348	-	-	-	11.0	24.3	24.3			361	-	-	-	8.8	22.0	22.0		
		361	-	-	-	8.8	22.0	22.0			374	-	-	-	6.6	17.6	17.6		
		374	-	-	-	6.6	17.6	17.6			387	-	-	-	-	15.4	15.4		
		387	-	-	-	-	15.4	15.4			400	-	-	-	-	11.0	11.0		
		400	-	-	-	-	11.0	11.0			414	-	-	-	-	8.8	8.8		
		414	-	-	-	-	8.8	8.8			427	-	-	-	-	6.6	6.6		
		427	-	-	-	-	6.6	6.6											

Remarks

Superlift mast 98.4 ft