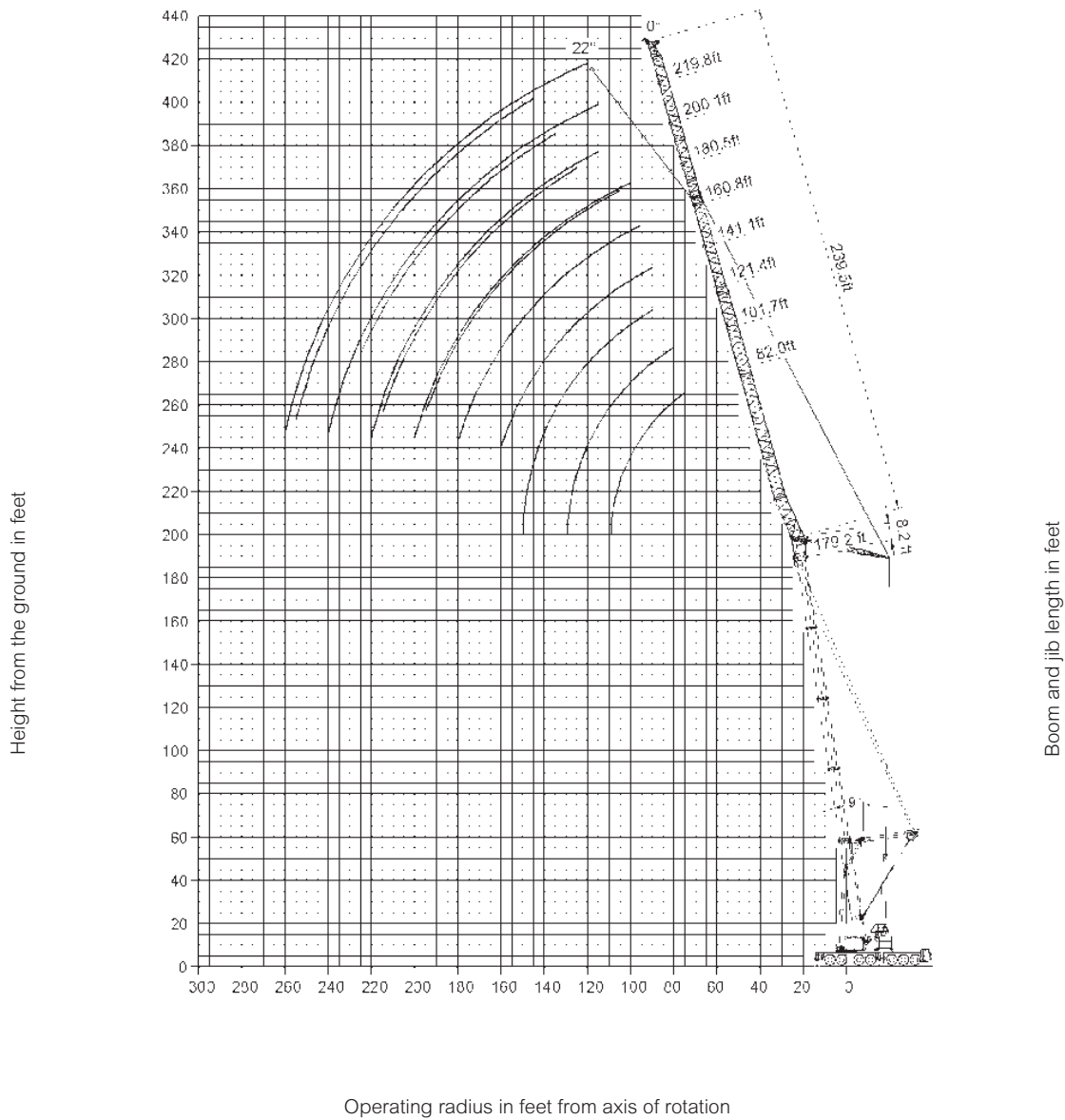




Working Range w/MegaWingLift

240 ft. Luffing Jib



STERLING CRANE

load charts w/MegaWingLift

									
81° 116 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
50	141.0								
55	136.0	107.0							
60	129.0	107.0	85.0						
65	122.0	107.0	85.0						
70	115.0	107.0	85.0	69.0					
75	109.0	107.0	85.0	69.0	58.0				
80	105.0	107.0	85.0	69.0	58.0	48.0			
85	100.0	107.0	85.0	69.0	58.0	48.0			
90	97.0	105.0	85.0	69.0	58.0	48.0	39.6		
95		102.0	85.0	69.0	58.0	48.0	39.6	33.0	
100		98.0	85.0	69.0	58.0	48.0	39.6	33.0	26.2
105		93.0	85.0	69.0	58.0	48.0	39.6	33.0	26.2
110		81.0	85.0	69.0	58.0	48.0	39.6	33.0	26.2
115			84.0	69.0	58.0	48.0	39.6	33.0	26.2
120			80.0	69.0	58.0	48.0	39.6	33.0	26.2
125			72.0	69.0	58.0	48.0	39.6	33.0	26.2
130			63.0	69.0	58.0	48.0	39.6	33.0	26.2
135				68.0	58.0	48.0	39.6	33.0	26.2
140				63.0	58.0	47.0	39.6	33.0	25.8
145				57.0	58.0	47.0	39.6	33.0	25.4
150				50.0	57.0	46.0	39.6	33.0	24.8
155					55.0	46.0	39.6	32.8	24.4
160					51.0	46.0	39.6	32.2	23.8
165					46.0	45.0	39.6	31.6	23.2
170					40.8	45.0	39.6	30.6	22.8
175						44.0	39.6	29.8	22.2
180						41.4	39.6	29.0	21.8
185						37.6	39.6	28.0	21.4
190						33.2	39.6	27.2	20.8
195							37.0	26.8	20.4
200							34.0	26.2	19.8
205							30.8	25.8	19.4
210								25.4	19.0
215								24.8	18.6
220								24.6	18.4
225									18.0
230									17.6
235									17.2
240									17.0

									
81° 148 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
60	119.0								
65	113.0								
70	109.0	101.0							
75	106.0	98.0	81.0						
80	103.0	94.0	81.0	63.0					
85	102.0	91.0	81.0	63.0					
90	100.0	89.0	81.0	63.0	54.0				
95	98.0	87.0	79.0	63.0	54.0	44.0			
100	93.0	85.0	78.0	63.0	54.0	44.0	36.6	30.6	
105		84.0	76.0	63.0	54.0	44.0	36.6	30.6	24.4
110		82.0	74.0	63.0	54.0	44.0	36.6	30.6	24.4
115		78.0	72.0	63.0	54.0	44.0	36.6	30.6	24.4
120			71.0	63.0	54.0	44.0	36.6	30.6	24.4
125			70.0	63.0	54.0	44.0	36.6	30.6	24.4
130			68.0	62.0	54.0	44.0	36.6	30.6	24.4
135			64.0	61.0	54.0	44.0	36.6	30.6	24.4
140				60.0	54.0	44.0	36.6	30.6	24.4
145				58.0	54.0	44.0	36.6	30.6	24.4
150				55.0	54.0	44.0	36.6	30.6	24.4
155				52.0	54.0	44.0	36.6	30.6	24.2
160					52.0	43.8	36.6	30.6	23.8
165					50.0	43.6	36.6	30.6	23.4
170					48.0	43.2	36.6	30.6	23.0
175					45.0	42.6	36.6	30.4	22.6
180						42.2	36.6	29.6	22.0
185						41.6	36.6	28.8	21.6
190						41.0	36.6	28.0	21.2
195						37.0	36.6	27.4	20.8
200							36.6	26.6	20.4
205							36.4	26.2	19.8
210							33.6	25.8	19.4
215							30.2	25.4	19.0
220								25.0	18.6
225								24.6	18.4
230									18.0
235									17.8
240									17.4
245									17.2

STERLING CRANE

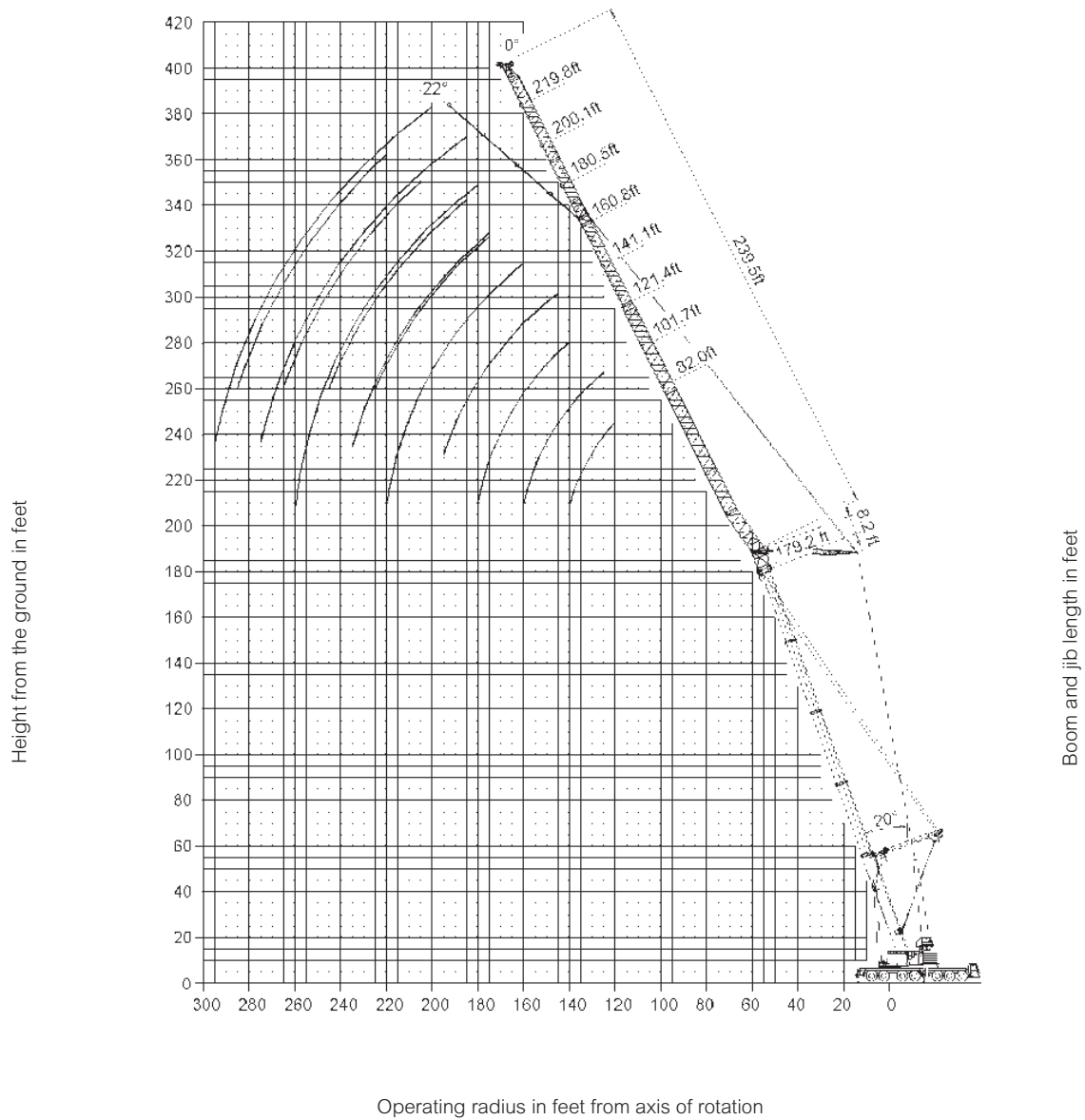
load charts w/MegaWingLift

									
81' 163 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
70	98.0								
75	95.0	85.0							
80	93.0	83.0	74.0						
85	91.0	81.0	73.0						
90	89.0	79.0	72.0	60.0					
95	86.0	78.0	70.0	60.0	50.0	41.2			
100	81.0	76.0	68.0	60.0	50.0	41.2			
105		74.0	67.0	60.0	50.0	41.2	34.2	28.6	
110		71.0	66.0	59.0	50.0	41.2	34.2	28.6	
115		68.0	64.0	58.0	50.0	41.2	34.2	28.6	22.6
120		65.0	63.0	57.0	50.0	41.2	34.2	28.6	22.6
125			60.0	55.0	50.0	41.2	34.2	28.6	22.6
130			58.0	54.0	50.0	41.2	34.2	28.6	22.6
135			55.0	52.0	50.0	41.2	34.2	28.6	22.6
140			53.0	50.0	50.0	41.2	34.2	28.6	22.6
145				48.0	48.0	41.2	34.2	28.6	22.6
150				47.0	47.0	41.2	34.2	28.6	22.6
155				45.0	46.0	41.2	34.2	28.6	22.6
160				43.0	44.0	40.6	34.2	28.6	22.6
165					43.0	39.8	34.2	28.6	22.6
170					41.6	39.2	34.2	28.6	22.6
175					40.2	38.4	34.2	28.6	22.4
180					38.8	37.2	34.2	28.6	22.0
185						36.2	34.2	28.4	21.6
190						35.0	33.8	28.0	21.2
195						34.0	32.8	27.4	20.8
200							32.0	26.8	20.4
205							31.0	26.2	20.0
210							29.8	25.8	19.6
215							28.4	25.4	19.2
220							27.0	25.0	18.8
225								24.6	18.4
230								24.2	18.2
235								23.6	17.8
240									17.6
245									17.2
250									17.0
255									16.8

									
81" 179 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
75	85.0								
80	80.0	75.0							
85	76.0	71.0							
90	73.0	68.0	64.0	55.0					
95	69.0	65.0	61.0	54.0	47.0				
100	66.0	62.0	59.0	53.0	47.0	38.0			
105	63.0	60.0	56.0	51.0	47.0	38.0			
110	60.0	57.0	53.0	50.0	47.0	38.0			
115		54.0	51.0	48.0	46.0	38.0	31.6	25.2	
120		51.0	49.0	47.0	45.0	38.0	31.6	25.2	20.8
125		49.0	47.0	45.0	45.0	38.0	31.6	25.2	20.8
130		46.0	45.0	43.0	43.4	38.0	31.6	25.2	20.8
135			43.2	41.4	42.0	38.0	31.6	25.2	20.8
140			41.4	39.8	40.6	37.4	31.6	25.2	20.8
145			39.6	38.2	39.2	36.4	31.6	25.2	20.8
150			37.8	36.6	38.0	35.4	31.6	25.2	20.8
155				35.2	36.8	34.6	31.6	25.2	20.8
160				33.8	35.4	33.4	31.2	25.2	20.8
165					34.2	31.8	30.6	25.2	20.8
170					33.0	30.4	30.0	25.2	20.8
175					31.8	29.0	28.8	25.2	20.8
180					30.6	27.4	27.6	25.0	20.8
185						26.6	26.4	24.4	20.8
190						25.6	25.2	23.8	20.8
195						24.6	24.0	23.0	20.6
200						23.8	23.2	22.4	20.2
205							22.4	21.8	19.8
210							21.6	21.0	19.4
215							20.8	20.4	19.0
220							20.0	19.8	18.6
225								19.0	18.2
230								18.4	17.6
235								17.8	17.0
240								17.0	16.6
245									16.0
250									15.4
255									14.8
260									14.2

Working Range w/MegaWingLift

240 ft. Luffing Jib



STERLING CRANE

load charts w/MegaWingLift

									
70° 116 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
95	98.0								
100	93.0	91.0							
105	88.0	87.0							
110	84.0	83.0							
115	80.0	79.0	78.0						
120		75.0	74.0	71.0					
125		72.0	71.0	70.0	60.0				
130		68.0	68.0	67.0	60.0				
135		66.0	65.0	64.0	59.0				
140			62.0	61.0	59.0	48.0			
145			60.0	59.0	58.0	47.0	40.4		
150			58.0	57.0	56.0	47.0	40.4		
155			55.0	54.0	54.0	47.0	40.4		
160				52.0	52.0	47.0	40.4	33.4	
165				50.0	50.0	46.0	40.4	33.2	25.2
170				49.0	48.0	46.0	40.4	32.8	24.8
175					46.0	45.0	40.4	32.4	24.4
180					45.0	43.6	40.4	32.0	23.8
185					43.2	42.2	40.4	31.6	23.4
190					41.6	40.8	39.8	31.2	23.0
195						39.2	38.4	30.8	22.4
200						37.8	37.0	29.8	22.0
205						36.6	35.8	29.0	21.4
210							34.6	28.0	21.0
215							33.4	27.2	20.6
220							32.2	26.6	20.2
225							31.2	26.0	19.8
230								25.6	19.2
235								25.2	18.8
240								24.8	18.4
245								24.4	18.0
250									17.8
255									17.4
260									17.2
265									16.8

									
70° 148 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.7'	160.8'	180.5'	200.1'	219.8'	239.5'
105	83.0								
110	79.0								
115	75.0	71.0							
120	72.0	69.0							
125	68.0	68.0	62.0						
130	65.0	65.0	61.0						
135		62.0	59.0	54.0					
140		59.0	58.0	53.0	51.0				
145		57.0	56.0	53.0	50.0				
150		55.0	54.0	53.0	49.0				
155			52.0	51.0	48.0	39.6			
160			50.0	49.0	47.0	39.6	37.0		
165			48.0	47.0	46.0	39.6	37.0		
170			46.0	45.0	44.0	39.6	37.0		
175				43.8	42.8	39.6	37.0	31.2	
180				42.2	41.2	39.6	36.6	31.2	24.0
185					39.8	38.4	36.2	31.0	23.6
190					38.4	37.0	35.6	30.8	23.4
195					37.0	35.6	34.8	30.6	23.0
200					35.6	34.4	33.4	30.4	22.6
205					34.4	33.0	32.2	30.0	22.2
210						32.0	31.2	29.8	21.8
215						30.8	30.0	29.0	21.4
220						29.8	29.0	28.2	21.0
225							28.0	27.4	20.6
230							27.0	26.4	20.2
235							26.0	25.4	19.8
240							25.2	24.6	19.4
245							24.2	23.8	19.0
250								23.0	18.6
255								22.2	18.2
260								21.4	18.0
265									17.6
270									17.4
275									17.0
280									16.8

STERLING CRANE

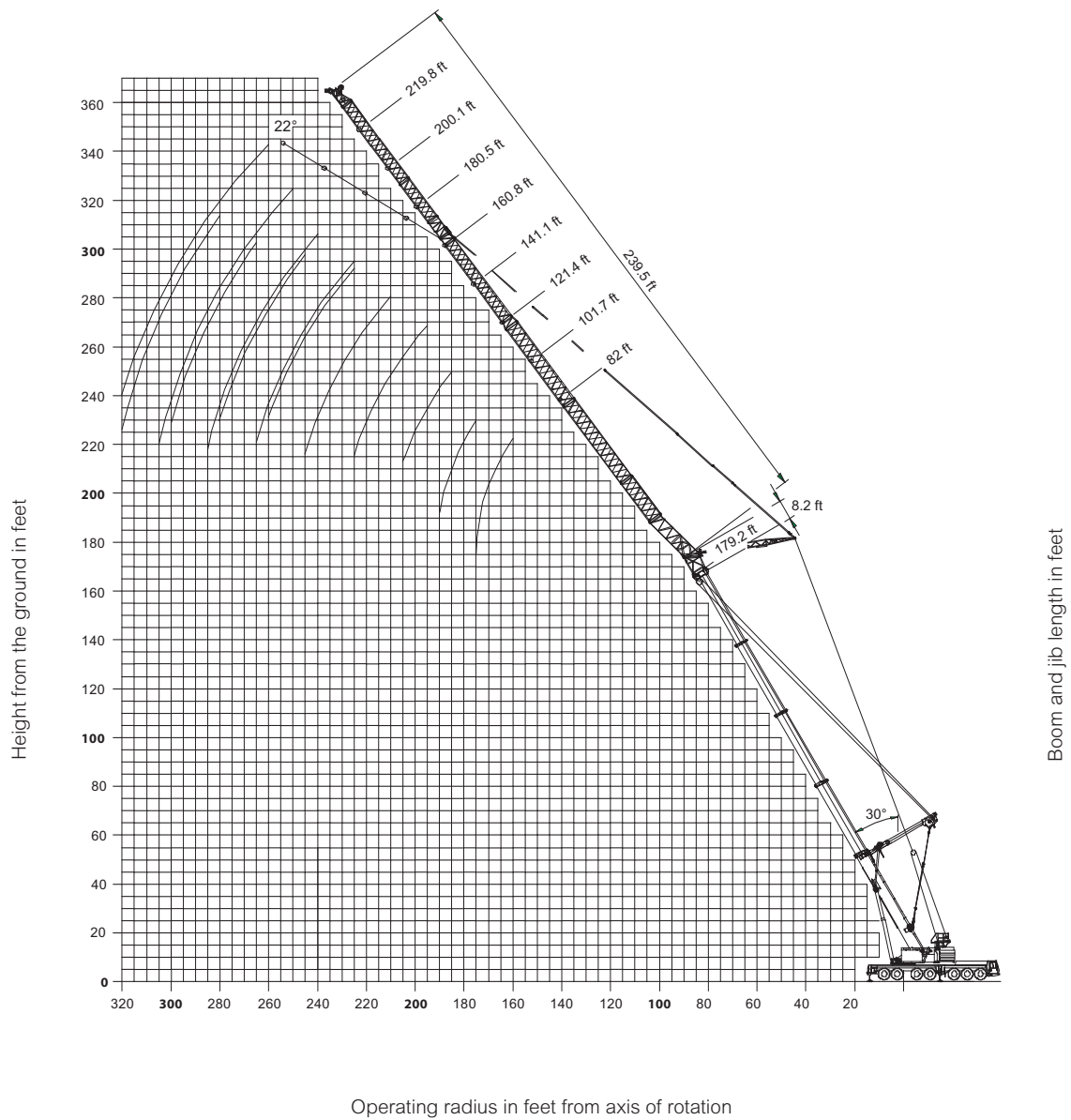
load charts w/MegaWingLift

									
70° 163 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
115	72.0								
120	70.0	62.0							
125	67.0	60.0							
130	64.0	59.0							
135	61.0	58.0	52.0						
140		56.0	51.0	46.0					
145		55.0	50.0	46.0					
150		52.0	49.0	45.0					
155		50.0	48.0	44.0	42.2				
160			47.0	43.2	41.6	35.2			
165			45.0	42.2	40.8	35.2			
170			43.6	41.2	40.2	35.2			
175			42.0	39.8	39.6	35.2	32.0		
180				38.4	39.0	35.0	31.6	28.4	
185				37.2	38.0	34.6	31.2	28.2	
190				35.8	36.6	34.0	30.6	27.8	
195					35.4	33.6	30.4	27.4	22.4
200					34.0	32.8	30.0	27.0	22.2
205					32.8	31.6	29.6	26.6	22.0
210					31.6	30.4	29.2	26.4	21.6
215					30.6	29.4	28.4	26.0	21.4
220						28.4	27.4	25.6	21.0
225						27.4	26.4	25.0	20.8
230							25.4	24.4	20.4
235							24.6	23.8	20.0
240							23.8	23.2	19.6
245							22.8	22.4	19.2
250							22.0	21.6	19.0
255							21.2	20.8	18.6
260								20.0	18.2
265								19.4	18.0
270									17.6
275									17.4
280									17.0
285									16.4

									
70° 179 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
120	57.0								
125	53.0	49.0							
130	51.0	47.0							
135	49.0	46.0							
140	47.0	43.8	41.4						
145		42.2	39.8	37.2					
150		40.6	38.4	36.0					
155		39.0	37.0	34.6					
160		37.4	35.6	33.4	34.6				
165			34.4	32.2	33.6				
170			33.0	31.0	32.6				
175			31.8	29.6	31.4	28.0			
180			30.6	28.0	29.6	26.6	25.2		
185				26.2	27.8	25.8	24.4	23.0	
190				25.0	26.6	25.0	23.8	22.4	
195				24.0	25.8	24.2	23.0	21.8	
200					25.0	23.4	22.4	21.2	19.6
205					24.2	22.8	21.6	20.6	19.2
210					23.4	22.0	21.0	20.0	18.6
215					22.6	21.4	20.4	19.4	18.2
220					21.8	20.6	19.8	18.8	17.6
225						20.0	19.2	18.2	17.2
230						19.2	18.6	17.6	16.6
235						18.6	18.0	17.2	16.2
240							17.4	16.6	15.6
245							16.8	16.2	15.2
250							16.2	15.6	14.6
255							15.6	15.2	14.2
260							15.0	14.6	13.8
265								14.2	13.2
270								13.6	12.8
275								13.2	12.4
280									12.0
285									11.6
290									11.2
295									10.8

Working Range w/MegaWingLift

240 ft. Luffing Jib



STERLING CRANE

load charts w/MegaWingLift

									
60° 116 ft.	82-240 ft.	100% 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
120	68.0								
125	65.0								
130	62.0								
135	60.0	58.0							
140		56.0							
145		54.0	53.0						
150		52.0	51.0						
155		50.0	49.0						
160			47.0	45.0					
165			45.0	43.6					
170			43.4	42.0					
175			41.6	40.4	39.4				
180				38.8	37.8				
185				37.4	36.4	35.0			
190				36.0	35.0	33.6			
195					33.8	32.4			
200					32.6	31.2	30.2		
205					31.4	30.0	29.0		
210						29.0	28.0	27.2	
215						27.8	27.0	26.2	
220						26.8	26.0	25.4	
225						26.0	25.0	24.4	21.4
230							24.2	23.6	20.8
235							23.4	22.6	20.4
240							22.4	21.8	20.0
245							21.6	21.0	19.6
250								20.4	19.2
255								19.6	18.8
260								19.0	18.4
265								18.2	17.8
270									17.2
275									16.6
280									16.0
285									15.4

									
60° 148 ft.	82-240 ft.	100° 29'-2" spread	360°	352,700 lbs.					
	 Pounds (thousands)								
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
140	52.0								
145	50.0								
150	48.0								
155	46.0	44.0							
160		42.6							
165		40.8	39.6						
170		39.2	38.2						
175		37.6	36.6	35.0					
180			35.2	33.6					
185			34.0	32.4					
190			32.6	31.2					
195			31.4	30.0	29.0				
200				28.8	27.8				
205				27.8	26.8	25.6			
210					25.8	24.8			
215					24.8	23.8			
220					24.0	22.8	22.0		
225					23.0	22.0	21.0		
230						21.2	20.2	19.6	
235						20.4	19.6	18.8	
240						19.6	18.8	18.2	17.2
245						18.8	18.0	17.4	16.6
250							17.4	16.8	15.8
255							16.6	16.2	15.2
260							16.0	15.4	14.6
265							15.4	14.8	14.0
270								14.2	13.4
275								13.8	12.8
280								13.2	12.4
285								12.6	11.8
290									11.4
295									10.8
300									10.4

STERLING CRANE

load charts w/MegaWingLift

									
									
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
145	47.0								
150	45.0								
155	43.6								
160	41.8	40.4							
165		38.8							
170		37.2							
175		35.6	34.6						
180		34.2	33.2						
185			32.0	30.2					
190			30.8	29.2					
195			29.6	28.0					
200			28.4	27.0	26.4				
205				26.0	25.4				
210				25.0	24.4	22.8			
215				24.0	23.6	22.0			
220				23.0	22.6	21.2			
225					21.8	20.2	19.2		
230					21.0	19.6	18.6		
235					20.2	18.8	17.8		
240					19.4	18.0	17.0	16.2	
245						17.4	16.4	15.6	
250						16.6	15.8	15.0	13.8
255						16.0	15.2	14.4	13.2
260							14.6	13.8	12.6
265							14.0	13.2	12.2
270							13.4	12.6	11.6
275							12.8	12.2	11.0
280							12.2	11.6	10.6
285								11.0	10.2
290								10.6	9.6
295								10.2	9.2
300									8.8
305									8.2
310									7.8

									
									
Feet	82'	101.7'	121.4'	141.1'	160.8'	180.5'	200.1'	219.8'	239.5'
160	39.6								
165	38.0								
170	36.4								
175	34.8	33.4							
180		32.2							
185		31.0	29.0						
190		29.8	27.8						
195			25.8	23.2					
200			24.6	22.4					
205			23.6	21.6					
210				21.0	22.6				
215				20.2	21.8				
220				19.4	20.8				
225				18.8	20.0	18.6			
230					19.4	17.8			
235					18.6	17.0			
240					17.8	16.4	15.4		
245					17.2	15.8	14.6		
250						15.0	14.0	13.2	
255						14.4	13.4	12.6	
260						13.8	12.8	12.0	10.8
265						13.2	12.4	11.6	10.2
270							11.8	11.0	9.8
275							11.2	10.6	9.2
280							10.8	10.0	8.8
285							10.2	9.6	8.4
290								9.2	8.0
295								8.6	7.6
300								8.2	7.0
305								7.8	6.6
310									6.2
315									6.0
320									5.6