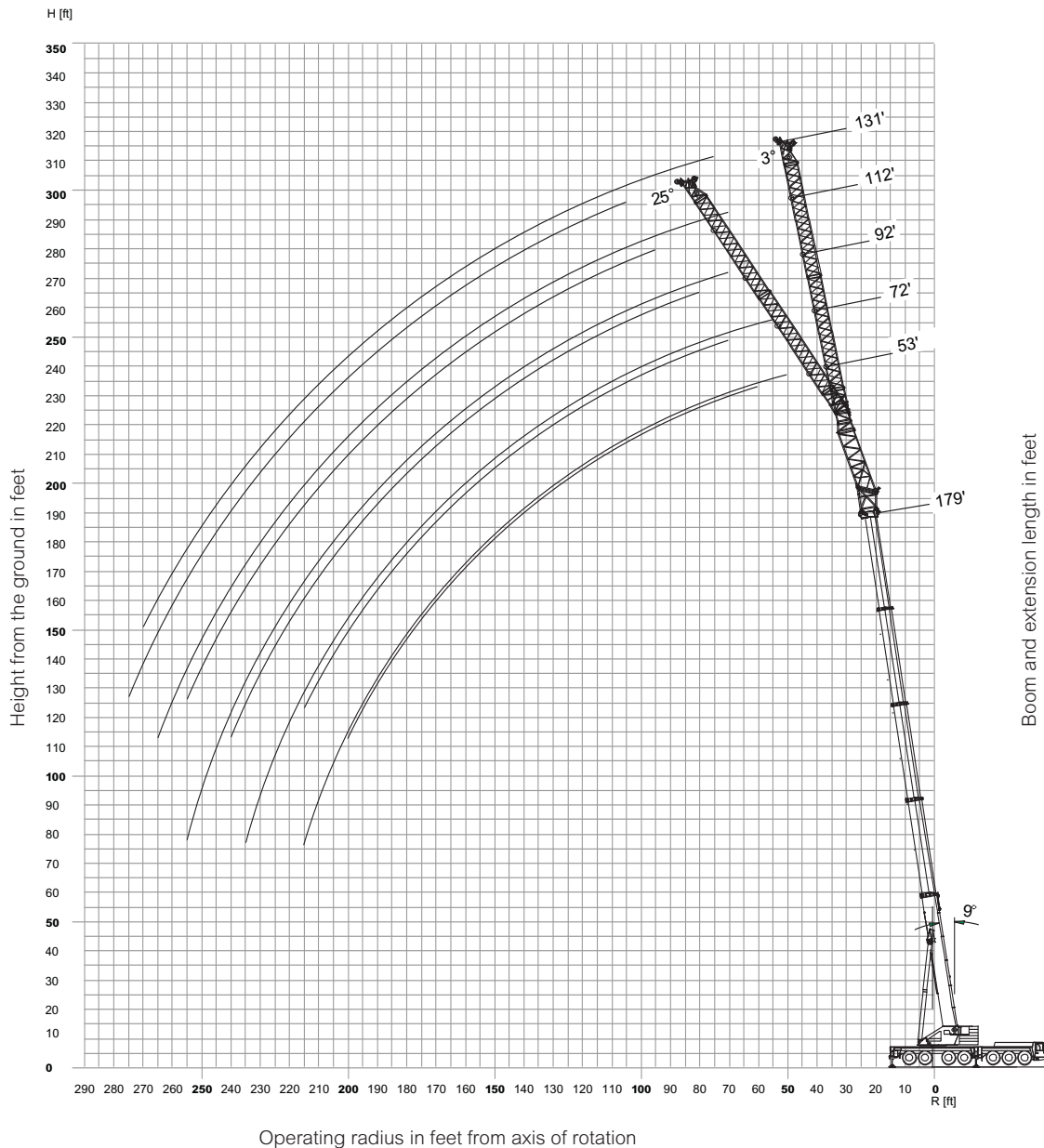




working range

Special offset lattice extension



STERLING CRANE

load charts

										
163 ft	52.5 - 131.2 ft.	264,500 lbs.	100% 29' 2" Spread	360°						
	 Pounds (thousands)									
Ft	163'									
Ft	52.5		72.2		91.9		111.6		131.2	
	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
45	97.0									
50	94.0		74.0							
55	88.0	79.0	71.0							
60	82.0	77.0	69.0		54.0		43.2			
65	78.0	74.0	66.0		52.0		41.6			
70	73.0	71.0	63.0	51.0	50.0		40.0		34.6	
75	69.0	67.0	61.0	49.0	48.0		38.4		33.2	
80	65.0	64.0	58.0	48.0	47.0	36.4	37.0		32.0	
85	61.0	60.0	55.0	46.0	45.0	35.4	35.6		30.6	
90	57.0	57.0	53.0	45.0	43.4	34.4	34.4	25.0	29.0	
95	54.0	53.0	50.0	43.8	42.0	33.4	33.2	24.4	27.4	
100	51.0	51.0	48.0	42.8	40.6	32.6	32.2	23.8	26.0	19.8
105	48.0	48.0	45.0	41.6	39.2	31.6	31.0	23.2	25.2	19.2
110	46.0	46.0	43.4	40.4	38.0	30.6	29.8	22.6	24.4	18.8
115	43.2	43.4	41.4	39.0	36.6	29.4	28.6	22.0	23.6	18.2
120	41.2	41.2	39.4	37.8	35.4	28.2	27.4	21.4	22.8	17.8
125	39.0	39.2	37.4	36.4	34.2	27.0	26.2	21.0	22.2	17.4
130	37.0	37.2	35.4	35.2	33.0	26.6	25.2	20.4	21.4	17.0
135	35.0	35.2	33.4	33.6	31.8	26.0	24.4	20.0	20.8	16.6
140	32.8	33.4	31.6	31.8	30.6	25.4	23.8	19.6	20.2	16.2
145	31.2	31.4	29.6	30.0	29.2	24.8	23.0	19.2	19.6	15.8
150	29.4	29.8	27.8	28.2	27.6	24.2	22.4	18.8	19.0	15.4
155	27.8	28.0	26.0	26.4	26.2	23.6	21.8	18.4	18.6	15.0
160	26.0	26.4	24.4	25.0	24.8	23.0	21.2	18.0	18.0	14.8
165	24.4	24.8	23.4	23.8	23.2	22.4	20.6	17.6	17.6	14.4
170	22.6	23.2	22.2	22.8	21.8	21.8	19.8	17.4	17.0	14.2
175	20.6	21.2	21.2	21.6	20.8	21.2	19.2	17.0	16.6	13.8
180	18.8	19.4	20.0	20.4	19.8	20.4	18.6	16.8	16.2	13.6
185	17.2	17.6	19.0	19.4	19.0	19.6	17.8	16.4	15.8	13.4
190	15.6	16.0	17.4	18.2	18.0	18.6	17.2	16.2	15.4	13.2
195	14.0		15.8	17.0	17.0	17.6	16.4	15.6	15.0	13.0
200	12.6		14.4	15.4	16.0	16.8	15.8	15.2	14.6	12.6
205			13.0		14.6	15.8	15.0	14.8	14.2	12.4
210			11.8		13.2	15.0	14.2	14.2	13.8	12.2
215			10.6		12.0	13.6	13.2	13.8	13.2	12.0
220			9.4		10.8	12.2	12.0	13.2	12.4	11.6
225					9.8		11.0	12.8	11.8	11.4
230					8.8		9.8	11.6	10.8	11.2
235					7.8		8.8	10.4	9.8	11.0
240					6.8		7.8	9.2	8.8	10.6
245							6.8		7.8	10.2
250							6.0		6.8	9.0
255							5.0		6.0	7.8
260							4.2		5.2	6.8
265									4.4	
270									3.6	
275										
280										

STERLING CRANE

load charts

										
179 ft	53 - 131ft.	264,500 lbs.	100% 29' 2" Spread	360°						
	 Pounds (thousands)									
Ft	179'									
Ft	52.5		72.2		91.9		111.6		131.2	
	3°	25°	3°	25°	3°	25°	3°	25°	3°	25°
45										
50	81.0									
55	77.0		67.0							
60	73.0	71.0	65.0							
65	70.0	67.0	61.0							
70	66.0	64.0	58.0	50.0	49.0		40.4			
75	63.0	61.0	55.0	48.0	47.0		39.0		32.2	
80	59.0	57.0	53.0	47.0	46.0	36.0	37.8		30.8	
85	56.0	54.0	50.0	46.0	44.0	35.0	36.6		29.0	
90	53.0	52.0	48.0	44.0	42.6	34.2	35.6		27.6	
95	50.0	49.0	46.0	43.0	41.2	33.2	34.4	25.6	26.6	
100	47.0	47.0	43.6	41.6	39.6	32.4	33.4	25.0	25.8	
105	45.0	45.0	41.6	40.0	38.0	31.6	32.4	24.4	25.0	19.2
110	43.0	42.6	39.6	38.4	36.4	30.8	31.6	23.8	24.2	18.6
115	40.8	40.6	38.0	36.8	34.8	30.0	30.6	23.2	23.4	18.2
120	38.8	38.6	36.4	35.2	33.2	29.0	29.4	22.8	22.8	17.8
125	36.6	36.8	34.8	33.4	31.8	28.0	28.2	22.2	22.0	17.4
130	34.6	34.8	33.0	31.6	30.2	27.0	26.8	21.8	21.4	17.0
135	32.8	32.8	31.4	29.8	28.6	26.0	25.6	21.4	20.8	16.6
140	30.8	31.0	29.8	28.2	27.2	25.2	24.2	20.8	20.4	16.2
145	28.8	29.0	28.4	27.0	25.6	24.4	23.2	20.4	19.8	15.8
150	27.0	27.2	26.8	25.8	24.4	23.6	22.4	20.0	19.2	15.6
155	25.2	25.4	25.4	24.8	23.4	23.0	21.6	19.8	18.6	15.2
160	24.0	24.2	23.8	23.6	22.4	22.2	20.8	19.4	18.2	14.8
165	22.8	23.2	22.4	22.6	21.4	21.4	19.8	19.0	17.6	14.6
170	21.8	22.0	21.2	21.6	20.6	20.6	19.0	18.6	17.0	14.4
175	20.6	20.8	20.2	20.6	19.6	19.8	18.4	18.0	16.6	14.0
180	19.4	19.6	19.2	19.6	18.6	18.8	17.6	17.4	16.0	13.8
185	18.0	18.4	18.2	18.6	17.8	18.0	16.8	16.8	15.6	13.6
190	16.4	17.0	17.4	17.8	17.0	17.4	16.2	16.2	15.0	13.2
195	15.0	15.4	16.4	16.8	16.2	16.6	15.4	15.6	14.4	13.0
200	13.6	14.0	15.0	15.8	15.4	15.8	14.6	15.0	13.8	12.8
205	12.2		13.8	15.0	14.6	15.0	14.0	14.4	13.2	12.6
210	11.0		12.4	13.6	13.8	14.4	13.2	13.8	12.6	12.4
215	9.8		11.2	12.2	12.8	13.6	12.6	13.2	12.0	12.2
220			10.0		11.6	12.8	12.0	12.6	11.4	11.8
225			9.0		10.4	11.8	11.2	12.0	10.8	11.4
230			7.8		9.4	10.6	10.0	11.4	10.4	11.0
235			6.8		8.4	9.4	9.0	10.8	9.8	10.4
240					7.4	8.2	8.0	9.8	8.8	10.0
245					6.4		7.2	8.6	7.8	9.4
250					5.4		6.2	7.6	7.0	9.0
255					4.6		5.4	6.6	6.0	8.4
260							4.6		5.2	7.4
265							3.8		4.4	6.4
270									3.6	5.4
275										4.4
280										