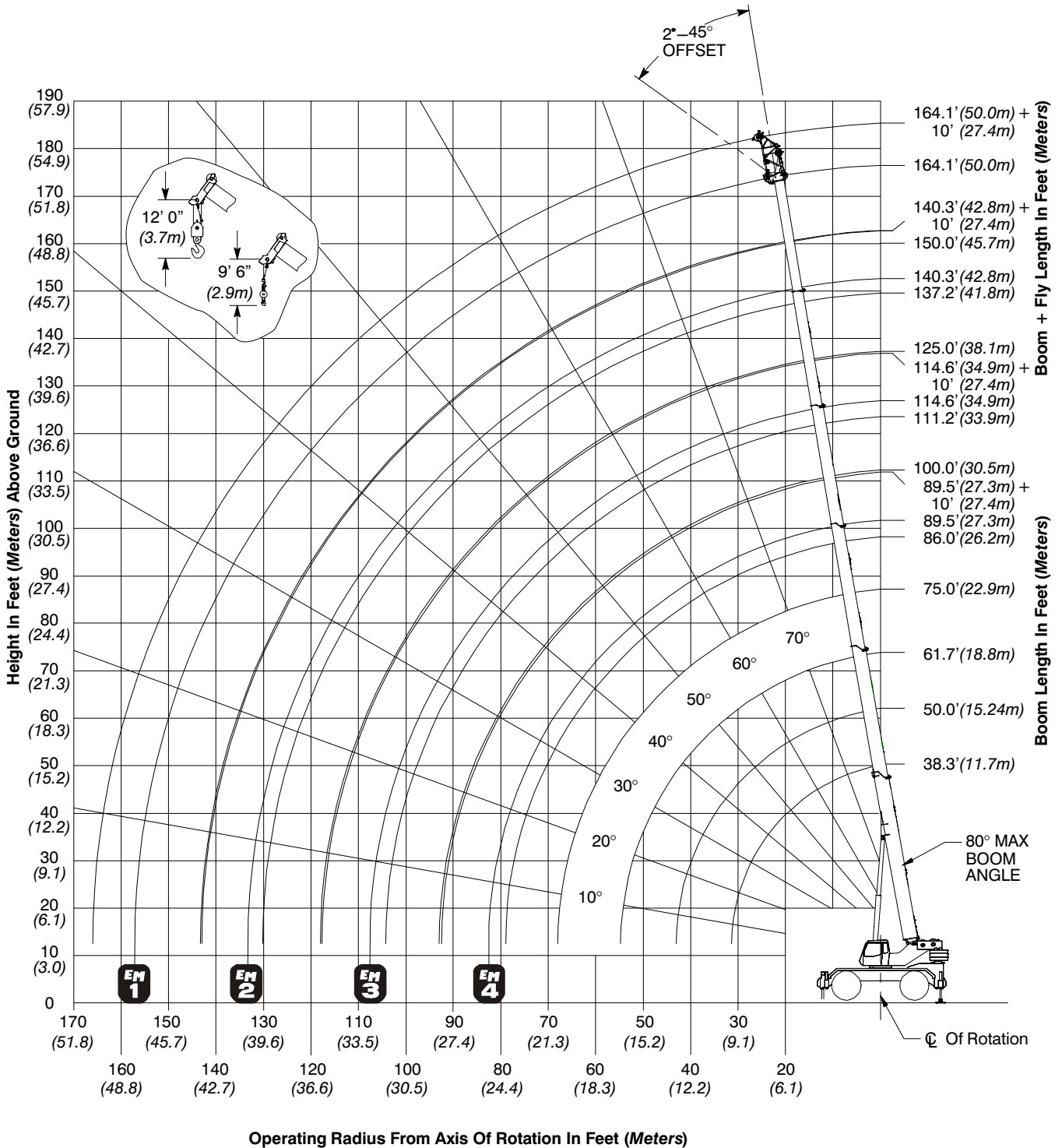




## LIFTING CHARTS - Rough Terrain Cranes

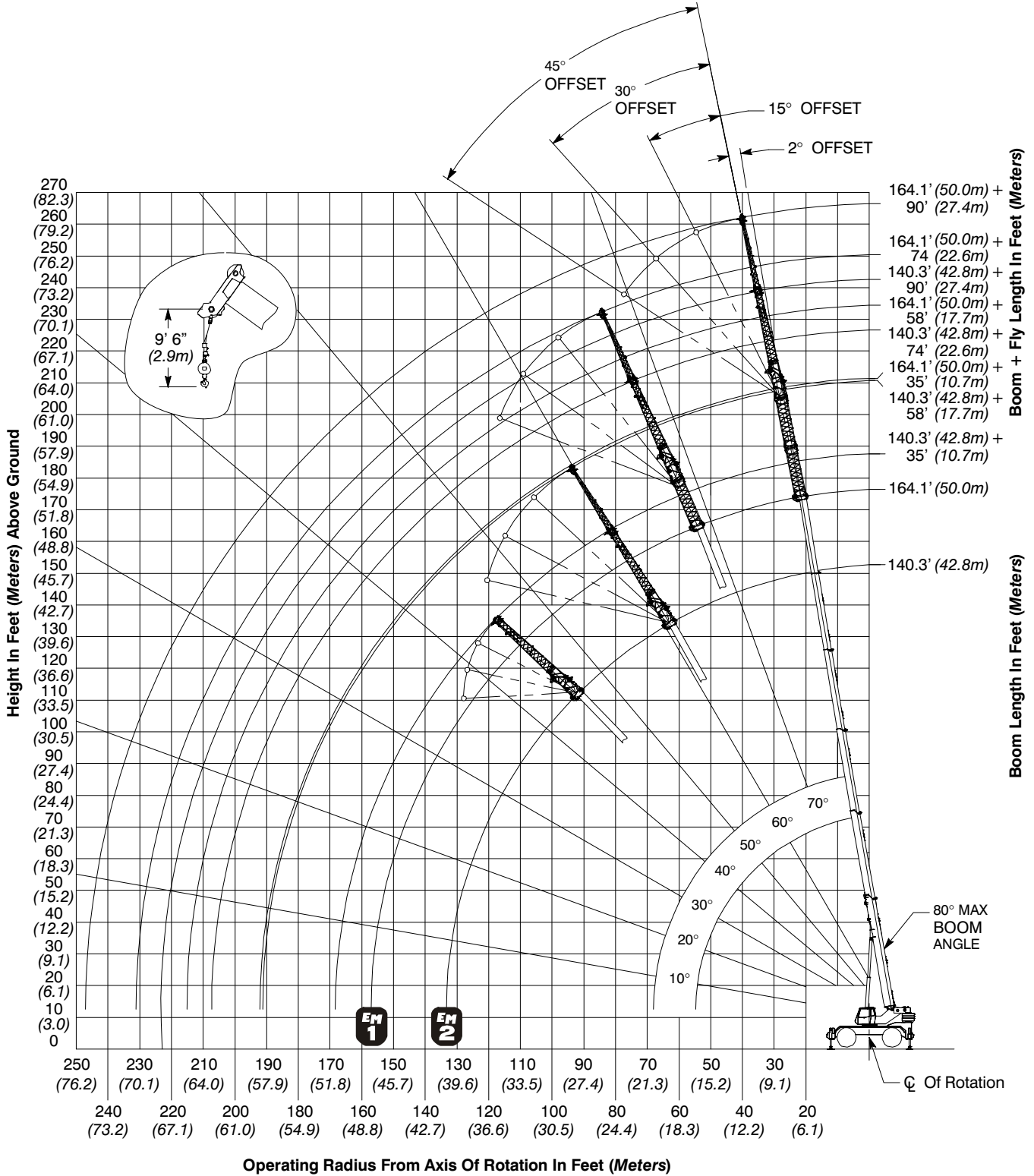
### LINK-BELT MODEL 110RT - 110 TON CAPACITY

#### Working Range Diagram 164.1' Main Boom + 10' Fly



# STERLING CRANE

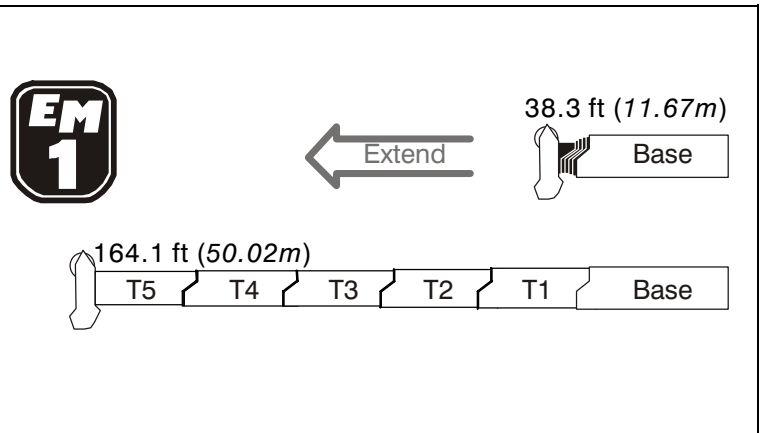
## Working Range Diagram Main Boom + Fly



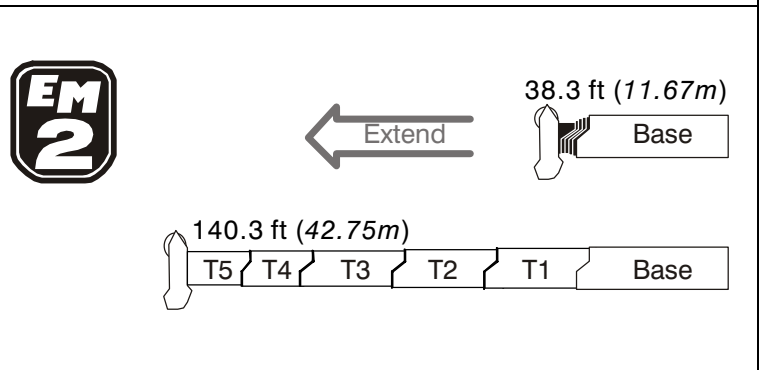
# STERLING CRANE

## Boom Extend Modes

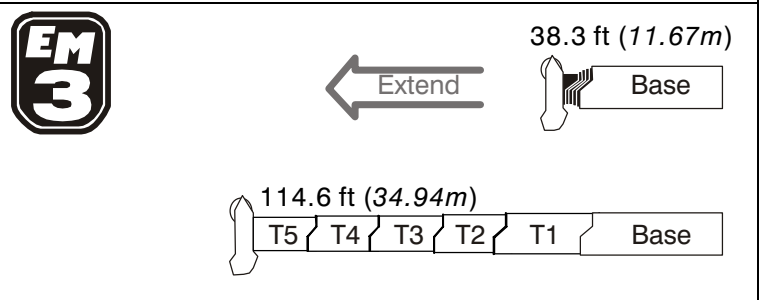
Boom Length		Telescope Length				
ft	m	T5	T4	T3	T2	T1
38.3	11.67					
50	15.24	50%				
61.7	18.80	100%				
75	22.86	100%	55%			
86	26.21	100%	100%			
100	30.48	100%	100%	56%		
111.2	33.88	100%	100%	100%		
125	38.10	100%	100%	100%	53%	
137.2	41.82	100%	100%	100%	100%	
150	45.72	100%	100%	100%	100%	48%
164.1	50.02	100%	100%	100%	100%	100%



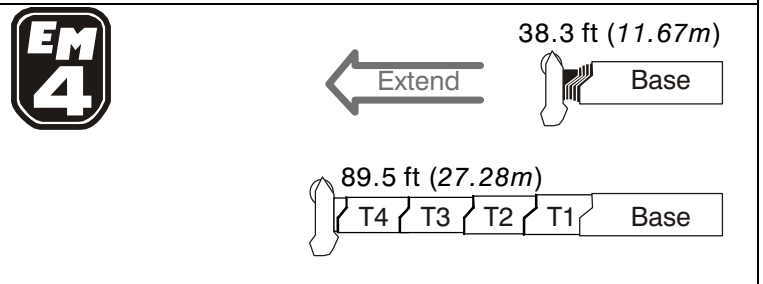
Boom Length		Telescope Length				
ft	m	T5	T4	T3	T2	T1
38.3	11.67					
50	15.24	50%				
62.1	18.94	50%	50%			
75	22.86	50%	50%	51%		
87.3	26.62	50%	50%	100%		
100	30.48	50%	50%	100%	49%	
113.4	34.55	50%	50%	100%	100%	
125	38.10	50%	50%	100%	100%	43%
140.3	42.75	50%	50%	100%	100%	100%



Boom Length		Telescope Length				
ft	m	T5	T4	T3	T2	T1
38.3	11.67					
50	15.23	50%				
62.1	18.94	50%	50%			
74.7	22.78	50%	50%	50%		
87.8	26.75	50%	50%	50%	50%	
100	30.48	50%	50%	50%	50%	46%
114.6	34.94	50%	50%	50%	50%	100%



Boom Length		Telescope Length				
ft	m	T5	T4	T3	T2	T1
38.3	11.67					
50.5	15.38	0%	50%			
63	19.21	0%	50%	50%		
76.1	23.18	0%	50%	50%	50%	
89.5	27.28	0%	50%	50%	50%	50%



# STERLING CRANE

## Main Boom Lift Capacity Charts – Imperial

19,200 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38.3	50.0– 50.5	61.7– 63.0	74.7– 76.1	86.0– 89.5	100	111.2– 114.6	125	137.2– 140.3	150	164.1	
7	220,000*											7
8	200,000*											8
10	161,100	160,500	137,600									10
12	144,100	145,700	137,600	120,400								12
15	118,700	121,500	122,200	120,400	91,800							15
20	86,600	89,400	90,300	90,100	89,100	66,100	50,600					20
25	66,800	69,700	70,600	70,500	70,900	66,100	50,600	38,900	25,500			25
30	53,300	56,300	57,300	58,800	58,500	57,700	50,600	38,900	31,000	22,600		30
35		45,500	47,300	47,700	47,300	46,200	45,200	38,900	31,000	22,600	19,700	35
40		35,400	37,200	37,600	37,100	37,400	36,400	36,300	31,000	22,600	19,700	40
45			30,200	30,600	30,900	30,500	30,100	29,400	28,600	22,600	19,700	45
50			25,000	25,400	25,700	25,300	25,000	26,000	25,500	22,600	19,700	50
55			20,900	22,600	21,700	21,900	22,400	22,600	22,200	21,500	19,700	55
60				19,300	18,600	19,900	19,900	19,400	19,000	18,300	17,700	60
65				16,700	17,000	17,300	17,300	16,800	16,500	15,800	15,300	65
70					15,200	15,300	15,300	14,800	14,500	13,800	13,200	70
75					13,400	13,500	13,500	13,000	12,700	12,000	11,400	75
80					10,600	11,900	11,900	11,500	11,200	10,500	9,900	80
85						10,600	10,600	10,200	9,900	9,200	8,600	85
90						9,400	9,500	9,000	8,700	8,100	7,500	90
95							8,400	8,000	7,700	7,100	6,500	95
100							7,500	7,100	6,800	6,200	5,600	100
105							4,900	6,300	6,100	5,400	4,900	105
110								5,600	5,300	4,700	4,200	110
115								5,000	4,700	4,100	3,500	115
120									4,100	3,500	2,900	120
125									3,600	3,000	2,400	125
130									3,100	2,500	2,000	130
135										2,000	1,500	135
140										1,600	1,100	140

\* Over Front Only  
\* ASME B30.5 or Special Equipment

This information is not for crane operation. Operator must refer to the in-cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

# STERLING CRANE

## Main Boom Lift Capacity Charts – Imperial

28,800 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)										Radius (ft)	
	38.3	50.0– 50.5	61.7– 63.0	74.7– 76.1	86.0– 89.5	100	111.2– 114.6	125	137.2– 140.3	150		164.1
7	220,000*											7
8	200,000*											8
10	162,800	160,500	137,600									10
12	145,700	147,100	137,600	120,400								12
15	125,400	127,200	124,800	120,400	91,800							15
20	91,800	94,600	95,500	95,200	91,800	66,100	50,600					20
25	71,000	73,800	74,800	74,700	73,800	66,100	50,600	38,900	25,500			25
30	56,800	59,800	60,800	61,900	62,000	61,100	50,600	38,900	31,000	22,600		30
35		49,600	51,700	52,100	51,800	51,000	46,300	38,900	31,000	22,600	19,700	35
40		42,500	44,000	44,500	44,200	43,300	41,800	38,200	31,000	22,600	19,700	40
45			36,300	36,700	36,200	35,700	34,300	35,200	31,000	22,600	19,700	45
50			30,300	30,700	30,300	30,600	30,200	29,500	28,800	22,600	19,700	50
55			25,600	26,100	26,400	26,000	25,700	25,000	24,600	22,600	19,700	55
60				22,500	22,700	22,400	22,000	22,600	22,900	22,500	19,700	60
65				20,300	19,800	19,400	19,400	20,600	20,200	19,500	18,900	65
70					17,300	18,000	18,100	18,100	17,800	17,100	16,500	70
75					15,300	16,600	16,600	16,100	15,700	15,200	14,600	75
80					13,500	14,900	14,900	14,400	14,100	13,500	12,900	80
85						13,300	13,400	12,900	12,600	12,000	11,400	85
90						12,000	12,000	11,600	11,300	10,700	10,100	90
95							10,800	10,400	10,100	9,500	8,900	95
100							9,800	9,400	9,100	8,500	7,900	100
105							7,100	8,500	8,200	7,600	7,000	105
110								7,600	7,400	6,800	6,200	110
115								6,900	6,600	6,000	5,500	115
120									5,900	5,400	4,800	120
125									5,300	4,700	4,200	125
130									4,800	4,200	3,600	130
135										3,700	3,100	135
140										3,200	2,700	140
145											2,200	145
150											1,800	150
155											1,500	155

\* Over Front Only

\* ASME B30.5 or Special Equipment

# STERLING CRANE

## Fly Attachment Lift Capacity Charts – Optional

19,200 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)												
Main Boom + 10 ft Manual Offset Fly (2°, 15°, 30° & 45° Offsets)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38.3	50.0– 50.5	61.7– 63.0	74.7– 76.1	86.0– 89.5	100	111.2– 114.6	125	137.2– 140.3	150	164.1	
10	41,400	42,700	47,700									10
12	35,900	36,700	42,500	47,600								12
15	35,100	35,900	36,400	42,000	42,200							15
20	34,000	34,800	35,400	35,800	36,100	40,600	39,700					20
25	33,500	34,000	34,600	35,100	35,400	35,500	39,400	30,500	20,600			25
30	33,500	33,500	34,000	34,400	34,800	35,000	35,200	30,500	25,600	18,600		30
35	33,500	33,400	33,600	34,000	34,400	34,400	34,600	30,500	25,600	18,600	16,000	35
40	33,500	33,400	33,500	33,700	34,000	33,900	34,400	30,500	25,600	18,600	16,000	40
45		29,600	29,900	29,300	30,400	30,500	30,000	29,200	25,600	18,600	16,000	45
50		24,500	25,800	25,800	25,800	25,300	24,800	24,100	23,200	18,600	16,000	50
55			21,900	21,800	21,800	21,300	20,900	20,500	20,600	18,600	16,000	55
60			18,700	18,700	18,700	18,200	18,300	19,100	18,700	17,900	16,000	60
65			16,100	16,200	16,100	16,400	17,100	16,500	16,100	15,500	14,900	65
70				15,000	14,100	15,100	15,000	14,500	14,100	13,400	12,800	70
75				13,200	13,200	13,300	13,200	12,700	12,400	11,700	11,000	75
80					12,000	11,800	11,700	11,200	10,800	10,200	9,500	80
85					10,700	10,500	10,400	9,900	9,500	8,900	8,200	85
90					8,400	9,400	9,300	8,800	8,400	7,700	7,100	90
95						8,400	8,300	7,800	7,400	6,700	6,100	95
100						7,500	7,400	6,900	6,500	5,900	5,200	100
105							6,600	6,100	5,700	5,100	4,500	105
110							5,900	5,400	5,000	4,400	3,800	110
115							3,600	4,700	4,400	3,700	3,100	115
120								4,200	3,800	3,200	2,600	120
125								3,700	3,300	2,600	2,000	125
130									2,800	2,200	1,600	130
135									2,400	1,700	1,100	135
140									2,000	1,300		140
145										1,000		145

# STERLING CRANE

## Fly Attachment Lift Capacity Charts – Optional

**28,800 lb Counterweight – Fully Extended Outriggers – 360° Rotation**  
 (All Capacities Are Listed In Pounds)

**Main Boom + 10 ft Manual Offset Fly (2°, 15°, 30° & 45° Offsets)**

Radius (ft)	Boom Length (ft)										Radius (ft)	
	38.3	50.0–50.5	61.7–63.0	74.7–76.1	86.0–89.5	100	111.2–114.6	125	137.2–140.3	150		164.1
10	41,400	42,700	47,700									10
12	35,900	36,700	42,500	47,600								12
15	35,100	35,900	36,400	42,000	42,200							15
20	34,000	34,800	35,400	35,800	36,100	40,600	39,700					20
25	33,500	34,000	34,600	35,100	35,400	35,500	39,400	30,500	20,600			25
30	33,500	33,500	34,000	34,400	34,800	35,000	35,200	30,500	25,600	18,600		30
35	33,500	33,400	33,600	34,000	34,400	34,400	34,600	30,500	25,600	18,600	16,000	35
40	33,500	33,400	33,500	33,700	34,000	33,900	34,400	30,500	25,600	18,600	16,000	40
45		33,400	33,500	33,500	33,800	32,200	33,200	30,500	25,600	18,600	16,000	45
50		29,800	30,000	29,500	29,500	29,500	28,500	29,300	25,600	18,600	16,000	50
55			25,400	26,500	25,900	26,000	25,500	24,800	24,000	18,600	16,000	55
60			22,900	22,900	22,900	22,300	21,900	21,200	20,400	18,600	16,000	60
65			19,000	19,900	19,900	19,400	19,000	18,300	18,900	18,600	16,000	65
70				17,500	17,500	17,000	16,600	17,300	17,400	16,700	16,000	70
75				15,500	15,500	15,000	15,400	15,800	15,500	14,800	14,200	75
80					13,800	13,800	14,600	14,100	13,800	13,100	12,500	80
85					12,300	13,100	13,100	12,600	12,300	11,600	11,000	85
90					11,000	11,900	11,800	11,300	11,000	10,300	9,700	90
95						10,800	10,700	10,200	9,800	9,100	8,500	95
100						9,800	9,600	9,100	8,800	8,100	7,500	100
105							8,700	8,200	7,900	7,200	6,600	105
110							7,900	7,400	7,100	6,400	5,800	110
115							4,700	6,700	6,300	5,700	5,100	115
120								6,000	5,700	5,000	4,400	120
125								5,400	5,100	4,400	3,800	125
130									4,500	3,900	3,300	130
135									4,000	3,400	2,800	135
140									3,600	2,900	2,300	140
145										2,500	1,900	145
150										2,100	1,500	150
155											1,100	155

# STERLING CRANE

## Fly Attachment Lift Capacity Charts – Optional

19,200 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)									
164.1 ft Main Boom Length									
Radius (ft)	35 ft Manual Offset Fly				58 ft Manual Offset Fly				Radius (ft)
	2°	15°	30°	45°	2°	15°	30°	45°	
40	11,000								40
45	11,000								45
50	11,000				7,500				50
55	11,000	11,500			7,500				55
60	11,000	11,500			7,500				60
65	11,000	11,500	11,300		7,500	7,900			65
70	11,000	11,500	11,100	9,800	7,500	7,900			70
75	11,000	11,500	10,900	9,700	7,500	7,800			75
80	10,200	11,000	10,700	9,600	7,500	7,600	6,300		80
85	8,900	9,600	10,400	9,500	7,500	7,400	6,200		85
90	7,700	8,400	9,100	9,400	7,500	7,200	6,000	5,200	90
95	6,700	7,400	8,000	8,500	7,300	7,100	5,900	5,100	95
100	5,800	6,400	7,000	7,500	6,400	6,900	5,800	5,100	100
105	5,000	5,600	6,100	6,500	5,500	6,400	5,700	5,000	105
110	4,300	4,800	5,300	5,700	4,800	5,700	5,600	4,900	110
115	3,700	4,200	4,600	4,900	4,200	4,900	5,500	4,900	115
120	3,100	3,500	3,900	4,200	3,600	4,300	5,000	4,800	120
125	2,600	3,000	3,300	3,600	3,000	3,700	4,400	4,800	125
130	2,100	2,500	2,800	3,000	2,500	3,200	3,800	4,300	130
135	1,600	2,000	2,300	2,500	2,100	2,700	3,300	3,700	135
140	1,200	1,500	1,800	2,000	1,700	2,200	2,800	3,200	140
145		1,100	1,400	1,500	1,300	1,800	2,300	2,600	145
150			1,000	1,100	900	1,400	1,900	2,200	150
155						1,000	1,500	1,700	155
160							1,100	1,300	160
165								900	165



# STERLING CRANE

## Fly Attachment Lift Capacity Charts – Optional

28,800 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)									
164.1 ft Main Boom Length									
Radius (ft)	35 ft Manual Offset Fly				58 ft Manual Offset Fly				Radius (ft)
	2°	15°	30°	45°	2°	15°	30°	45°	
40	11,000								40
45	11,000								45
50	11,000				7,500				50
55	11,000	11,500			7,500				55
60	11,000	11,500			7,500				60
65	11,000	11,500	11,300		7,500	7,900			65
70	11,000	11,500	11,100	9,800	7,500	7,900			70
75	11,000	11,500	10,900	9,700	7,500	7,800			75
80	11,000	11,500	10,700	9,600	7,500	7,600	6,300		80
85	11,000	11,500	10,500	9,500	7,500	7,400	6,200		85
90	10,300	11,000	10,400	9,400	7,500	7,200	6,000	5,200	90
95	9,100	9,800	10,200	9,300	7,500	7,100	5,900	5,100	95
100	8,100	8,700	9,300	9,200	7,500	6,900	5,800	5,100	100
105	7,200	7,700	8,300	8,700	7,500	6,700	5,700	5,000	105
110	6,400	6,900	7,400	7,700	6,900	6,600	5,600	4,900	110
115	5,600	6,100	6,500	6,900	6,100	6,400	5,500	4,900	115
120	4,900	5,400	5,800	6,100	5,400	6,100	5,400	4,800	120
125	4,300	4,700	5,100	5,400	4,800	5,500	5,300	4,800	125
130	3,800	4,100	4,500	4,700	4,200	4,900	5,200	4,700	130
135	3,300	3,600	3,900	4,100	3,700	4,300	4,900	4,700	135
140	2,800	3,100	3,400	3,500	3,200	3,800	4,300	4,700	140
145	2,300	2,600	2,900	3,000	2,800	3,300	3,800	4,100	145
150	1,900	2,200	2,400	2,500	2,400	2,900	3,300	3,600	150
155	1,600	1,800	2,000	2,100	2,000	2,400	2,900	3,100	155
160	1,200	1,400	1,600		1,600	2,100	2,400	2,700	160
165	900	1,100	1,200		1,300	1,700	2,000	2,200	165
170			900		1,000	1,400	1,700	1,800	170
175						1,000	1,300	1,400	175
180							1,000	1,000	180

# STERLING CRANE

## Main Boom Lift Capacity Charts – On Tires

19,200 lb Counterweight – On Tires – Stationary – Boom Centered Over Front Between Tire Tracks (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38.3	50.0	61.7	75.0	86.0	100.0	111.2	
12	69,700							12
15	59,100	61,900						15
20	46,500	49,400	42,100					20
25	33,700	37,500	36,800	36,800				25
30	23,600	27,200	29,300	30,200	30,700			30
35		20,600	22,600	23,500	24,000	24,000		35
40		15,900	17,900	18,900	19,300	19,300	19,300	40
45			14,500	15,500	15,900	15,900	15,900	45
50			11,800	12,800	13,300	13,400	13,400	50
55				10,700	11,200	11,300	11,300	55
60				9,000	9,500	9,600	9,600	60
65				7,600	8,100	8,200	8,200	65
70					6,900	7,000	7,000	70
75					5,900	5,900	6,000	75
80						5,100	5,100	80
85						4,300	4,300	85
90						3,600	3,700	90
95							3,100	95
100							2,600	100

## Main Boom Lift Capacity Charts – On Tires

19,200 lb Counterweight – On Tires – Pick & Carry (Creep) – Boom Centered Over Front (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38.3	50.0	61.7	75.0	86.0	100.0	111.2	
12	67,600							12
15	56,400	58,900						15
20	43,100	45,800	42,100					20
25	33,700	36,700	36,800	36,800				25
30	23,600	27,200	29,300	30,200	30,700			30
35		20,600	22,600	23,500	24,000	24,000		35
40		15,900	17,900	18,900	19,300	19,300	19,300	40
45			14,500	15,500	15,900	15,900	15,900	45
50			11,800	12,800	13,300	13,400	13,400	50
55				10,700	11,200	11,300	11,300	55
60				9,000	9,500	9,600	9,600	60
65				7,600	8,100	8,200	8,200	65
70					6,900	7,000	7,000	70
75					5,900	5,900	6,000	75
80						5,100	5,100	80
85						4,300	4,300	85
90						3,600	3,700	90
95							3,100	95
100							2,600	100

19,200 lb Counterweight – On Tires – Stationary – 360° Rotation (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38.3	50.0	61.7	75.0	86.0	100.0	111.2	
15	35,100							15
20	20,800	24,200						20
25	13,100	16,300	18,200					25
30	8,200	11,400	13,300	14,200				30
35		8,000	9,800	10,800	11,300			35
40		5,600	7,400	8,300	8,800			40
45			5,500	6,400	6,900	7,000		45
50			4,000	4,900	5,400	5,500	5,500	50
55				3,700	4,200	4,300	4,300	55
60				2,700	3,200	3,300	3,300	60
65				1,900	2,400	2,500	2,500	65
70					1,700	1,800	1,800	70
75						1,200	1,200	75

# STERLING CRANE

## Main Boom Lift Capacity Charts – 85% – Metric

8.8t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)											Radius (m)
	11.67	15.24– 15.38	18.8– 19.21	22.78– 23.18	26.21– 27.28	30.48	33.88– 34.94	38.1	41.82– 42.75	45.72	50.02	
2.1	100 000*											2.1
2.5	90 000*											2.5
3	73 750	73 350	62 400									3
3.5	67 250	67 900	62 400									3.5
4	61 700	62 450	60 400	54 600								4
4.5	54 750	56 000	56 300	54 600	41 650							4.5
5	48 900	50 200	50 500	50 350	41 650							5
6	40 000	41 250	41 700	41 550	41 100	29 950	22 950					6
7	33 500	34 800	35 250	35 150	34 750	29 950	22 950					7
8	28 550	29 850	30 300	30 250	30 800	29 950	22 950	17 650	11 600			8
9	24 650	26 000	26 450	27 150	27 000	26 650	22 950	17 650	14 050	10 250		9
10		22 900	23 850	24 050	23 900	23 550	22 000	17 650	14 050	10 250		10
12		16 550	17 350	17 550	17 350	17 450	16 700	16 950	14 050	10 250	8 950	12
14			13 200	13 400	13 500	13 350	13 200	12 850	12 500	10 250	8 950	14
16			10 350	10 950	10 700	10 500	10 550	11 100	10 900	10 250	8 950	16
18				9 000	8 650	9 250	9 250	9 050	8 900	8 550	8 250	18
20				7 450	7 650	7 700	7 700	7 500	7 350	7 100	6 800	20
22					6 500	6 550	6 550	6 350	6 200	5 900	5 600	22
24					5 550	5 600	5 600	5 400	5 250	4 950	4 650	24
26						4 750	4 800	4 600	4 450	4 150	3 900	26
28						4 100	4 100	3 900	3 800	3 500	3 250	28
30							3 550	3 350	3 200	2 950	2 650	30
32							2 250	2 850	2 750	2 450	2 200	32
34								2 450	2 300	2 050	1 800	34
36									1 950	1 700	1 450	36
38									1 650	1 350	1 100	38
40										1 050	850	40
42										800	550	42

\* Over Front Only  
\* ASME B30.5 or Special Equipment

# STERLING CRANE

## Main Boom Lift Capacity Charts – 85% – Metric

13.2t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)											Radius (m)
	11.67	15.24– 15.38	18.8– 19.21	22.78– 23.18	26.21– 27.28	30.48	33.88– 34.94	38.1	41.82– 42.75	45.72	50.02	
2.1	100 000*											2.1
2.5	90 000*											2.5
3	74 550	73 350	62 400									3
3.5	67 950	68 200	62 400									3.5
4	62 350	63 100	60 400	54 600								4
4.5	57 550	58 300	57 100	54 600	41 650							4.5
5	51 750	53 000	53 300	53 100	41 650							5
6	42 350	43 600	44 000	43 900	41 650	29 950	22 950					6
7	35 550	36 850	37 250	37 150	36 750	29 950	22 950					7
8	30 350	31 650	32 100	32 050	31 700	29 950	22 950	17 650	11 600			8
9	26 300	27 650	28 100	28 300	28 600	28 250	22 950	17 650	14 050	10 250		9
10		24 350	24 800	25 500	25 350	25 000	22 000	17 650	14 050	10 250		10
12		19 650	20 350	20 600	20 450	20 100	19 150	17 500	14 050	10 250	8 950	12
14			15 900	16 050	15 850	15 950	15 000	15 450	14 050	10 250	8 950	14
16			12 600	12 850	12 950	12 750	12 600	12 300	11 950	10 250	8 950	16
18				10 500	10 600	10 400	10 300	10 400	10 550	10 250	8 950	18
20				9 150	8 800	8 650	8 700	9 200	9 050	8 700	8 400	20
22					7 450	7 950	8 000	7 800	7 650	7 350	7 100	22
24					6 300	6 950	6 950	6 750	6 600	6 300	6 000	24
26						6 000	6 000	5 800	5 700	5 400	5 100	26
28						5 200	5 250	5 050	4 900	4 650	4 350	28
30							4 600	4 400	4 250	4 000	3 700	30
32							3 200	3 850	3 700	3 450	3 150	32
34								3 350	3 250	2 950	2 700	34
36									2 800	2 550	2 300	36
38									2 450	2 150	1 900	38
40									1 100	1 850	1 600	40
42										1 550	1 300	42
44											1 050	44
46											800	46

\* Over Front Only  
\* ASME B30.5 or Special Equipment

# STERLING CRANE

## Fly Attachment Lift Capacity Charts – 85% – Optional

13.2t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length + 3.0m Manual Offset Fly (2°, 15°, 30° & 45° Offsets)											Radius (m)
	11.67	15.24– 15.38	18.8– 19.21	22.78– 23.18	26.21– 27.28	30.48	33.88– 34.94	38.1	41.82– 42.75	45.72	50.02	
3	18 850	19 400	21 600									3
3.5	16 400	16 700	19 400	21 600								3.5
4	16 150	16 500	19 050	21 600								4
4.5	15 950	16 300	16 500	19 200	19 200							4.5
5	15 750	16 100	16 350	18 750	18 950							5
6	15 450	15 800	16 050	16 250	16 350	18 450	18 000					6
7	15 250	15 600	15 850	16 000	16 150	18 100	18 000					7
8	15 150	15 350	15 600	15 800	16 000	16 050	17 750	13 850	9 350			8
9	15 150	15 200	15 450	15 650	15 800	15 900	15 950	13 850	11 600	8 400		9
10	15 150	15 150	15 300	15 500	15 650	15 700	15 800	13 850	11 600	8 400	7 250	10
12	15 150	15 150	15 150	15 300	15 450	15 500	15 600	13 850	11 600	8 400	7 250	12
14		15 150	15 150	15 200	14 950	14 500	14 900	13 850	11 600	8 400	7 250	14
16		10 800	12 500	12 300	12 750	12 550	12 350	12 200	11 600	8 400	7 250	16
18			10 650	10 650	10 600	10 400	10 200	9 900	9 550	8 400	7 250	18
20			8 450	8 900	8 900	8 650	8 450	8 250	8 500	8 400	7 250	20
22				7 500	7 500	7 300	7 200	7 600	7 500	7 150	6 950	22
24				5 800	6 450	6 350	6 700	6 600	6 450	6 150	5 850	24
26					5 550	5 900	5 900	5 700	5 500	5 200	4 950	26
28					3 750	5 200	5 150	4 950	4 750	4 450	4 200	28
30						4 550	4 500	4 300	4 100	3 800	3 550	30
32							3 950	3 750	3 550	3 250	3 000	32
34							3 500	3 250	3 100	2 800	2 500	34
36								2 850	2 650	2 400	2 100	36
38								2 500	2 300	2 000	1 750	38
40									2 000	1 700	1 400	40
42									1 700	1 400	1 150	42
44										1 150	850	44
46										900	650	46
48											450	48

## Fly Attachment Lift Capacity Charts – 85% – Optional

13.2t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)									
50.0m Main Boom Length									
Radius (m)	10.67m Manual Offset Fly				17.68m Manual Offset Fly				Radius (m)
	2°	15°	30°	45°	2°	15°	30°	45°	
12	5 000								12
14	5 000								14
16	5 000				3 400				16
18	5 000	5 200			3 400				18
20	5 000	5 200	5 100		3 400	3 600			20
22	5 000	5 200	5 000	4 450	3 400	3 600			22
24	5 000	5 200	4 850	4 350	3 400	3 450			24
26	5 000	5 200	4 750	4 300	3 400	3 350	2 800		26
28	4 450	4 750	4 650	4 250	3 400	3 250	2 700	2 350	28
30	3 800	4 100	4 350	4 200	3 400	3 150	2 650	2 300	30
32	3 250	3 500	3 750	3 950	3 400	3 050	2 550	2 250	32
34	2 750	3 000	3 200	3 400	3 000	2 950	2 500	2 250	34
36	2 350	2 550	2 750	2 900	2 550	2 850	2 450	2 200	36
38	2 000	2 150	2 350	2 450	2 200	2 500	2 400	2 150	38
40	1 650	1 800	1 950	2 050	1 850	2 150	2 350	2 150	40
42	1 350	1 500	1 650	1 700	1 550	1 800	2 050	2 100	42
44	1 100	1 200	1 350	1 400	1 300	1 500	1 750	1 900	44
46	850	950	1 050	1 100	1 050	1 250	1 450	1 600	46
48	650	750	800	850	800	1 000	1 200	1 300	48
50	450	500	600		600	800	950	1 050	50
52					450	600	750	800	52
54						400	500	550	54

## Main Boom Lift Capacity Charts – 85% – On Tires

8.8t Counterweight – On Tires – Stationary – Boom Centered Over Front Between Tire Tracks (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)						Radius (m)	
	11.67	15.24	18.8	22.86	26.21	30.48		33.88
3.5	31 600							3.5
4	29 650							4
4.5	27 150	28 050						4.5
5	25 000	26 250						5
6	21 450	22 700	19 050					6
7	17 950	19 650	17 600					7
8	13 900	15 600	16 150	16 650				8
9	11 050	12 700	13 650	14 050	13 900			9
10		10 500	11 450	11 850	12 050			10
12		7 450	8 350	8 800	9 000	9 000	8 750	12
14			6 300	6 750	7 000	7 000	7 000	14
16			4 850	5 300	5 550	5 550	5 550	16
18				4 200	4 450	4 500	4 500	18
20				3 350	3 600	3 650	3 650	20
22					2 900	2 950	2 950	22
24					2 350	2 400	2 400	24
26						1 950	1 950	26
28						1 550	1 550	28
30							1 250	30



## Main Boom Lift Capacity Charts – 85% – On Tires

8.8t Counterweight – On Tires – Pick & Carry (Creep) – Boom Centered Over Front (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)						Radius (m)	
	11.67	15.24	18.8	22.86	26.21	30.48		33.88
3.5	30 650							3.5
4	28 600							4
4.5	25 900	26 700						4.5
5	23 650	24 800						5
6	19 850	21 100	19 050					6
7	16 900	18 150	17 600					7
8	13 900	15 600	16 150	16 650				8
9	11 050	12 700	13 650	14 050	13 900			9
10		10 500	11 450	11 850	12 050			10
12		7 450	8 350	8 800	9 000	9 000	8 750	12
14			6 300	6 750	7 000	7 000	7 000	14
16			4 850	5 300	5 550	5 550	5 550	16
18				4 200	4 450	4 500	4 500	18
20				3 350	3 600	3 650	3 650	20
22					2 900	2 950	2 950	22
24					2 350	2 400	2 400	24
26						1 950	1 950	26
28						1 550	1 550	28
30							1 250	30

8.8t Counterweight – On Tires – Stationary – 360° Rotation (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)						Radius (m)	
	11.67	15.24	18.8	22.86	26.21	30.48		33.88
4.5	15 900							4.5
5	13 600							5
6	9 700	10 950						6
7	7 150	8 600						7
8	5 300	6 750	7 600					8
9	3 900	5 350	6 200	6 400				9
10		4 250	5 100	5 500				10
12		2 650	3 450	3 850	4 100			12
14			2 350	2 750	3 000	3 000		14
16			1 550	1 950	2 150	2 200	2 200	16
18				1 300	1 550	1 550	1 600	18
20				800	1 050	1 050	1 100	20
22					650	650	700	22

# STERLING CRANE

## Main Boom Lift Capacity Charts – 75%/ISO – Metric

8.8t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)											Radius (m)
	11.67	15.24– 15.38	18.8– 19.21	22.78– 23.18	26.21– 27.28	30.48	33.88– 34.94	38.1	41.82– 42.75	45.72	50.02	
2.1	100 000*											2.1
2.5	90 000*											2.5
3	73 750	73 350	62 400									3
3.5	67 250	67 900	62 400									3.5
4	61 700	62 450	60 400	54 600								4
4.5	54 750	56 000	56 300	54 600	41 650							4.5
5	48 900	50 200	50 500	50 350	41 650							5
6	40 000	41 250	41 700	41 550	41 100	29 950	22 950					6
7	33 500	34 800	35 250	35 150	34 750	29 950	22 950					7
8	28 550	29 850	30 300	30 250	30 800	29 950	22 950	17 650	11 600			8
9	23 200	24 800	25 950	26 100	25 900	25 400	22 950	17 650	14 050	10 250		9
10		20 600	21 350	21 500	21 300	20 850	20 400	17 650	14 050	10 250		10
12		14 600	15 300	15 450	15 550	15 400	15 250	14 900	14 050	10 250	8 950	12
14			11 650	12 200	11 900	11 750	11 700	12 300	11 600	10 250	8 950	14
16			9 350	9 750	9 400	10 000	9 950	9 750	9 600	9 300	8 950	16
18				7 950	8 200	8 150	8 150	7 950	7 800	7 500	7 250	18
20				6 600	6 850	6 850	6 850	6 650	6 500	6 250	6 000	20
22					5 750	5 750	5 750	5 600	5 450	5 200	4 900	22
24					4 850	4 900	4 900	4 750	4 600	4 300	4 000	24
26						4 150	4 200	4 000	3 850	3 550	3 300	26
28						3 550	3 550	3 400	3 250	2 950	2 650	28
30							3 000	2 850	2 700	2 400	2 150	30
32							1 750	2 350	2 250	1 950	1 700	32
34								1 950	1 850	1 600	1 300	34
36									1 500	1 250	1 000	36
38									1 200	900	650	38
40										650	400	40

\* Over Front Only  
\* ASME B30.5 or Special Equipment

# STERLING CRANE

## Main Boom Lift Capacity Charts – 75%/ISO – Metric

13.2t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)											Radius (m)
	11.67	15.24– 15.38	18.8– 19.21	22.78– 23.18	26.21– 27.28	30.48	33.88– 34.94	38.1	41.82– 42.75	45.72	50.02	
2.1	100 000*											2.1
2.5	90 000*											2.5
3	74 550	73 350	62 400									3
3.5	67 950	68 200	62 400									3.5
4	62 350	63 100	60 400	54 600								4
4.5	57 550	58 300	57 100	54 600	41 650							4.5
5	51 750	53 000	53 300	53 100	41 650							5
6	42 350	43 600	44 000	43 900	41 650	29 950	22 950					6
7	35 550	36 850	37 250	37 150	36 750	29 950	22 950					7
8	30 350	31 650	32 100	32 050	31 700	29 950	22 950	17 650	11 600			8
9	26 300	27 650	28 100	28 300	28 600	28 250	22 950	17 650	14 050	10 250		9
10		24 000	24 600	25 200	25 000	24 550	22 000	17 650	14 050	10 250		10
12		17 500	18 250	18 400	18 200	17 800	17 400	17 500	14 050	10 250	8 950	12
14			14 000	14 200	14 300	14 100	14 000	13 700	13 350	10 250	8 950	14
16			11 100	11 300	11 400	11 250	11 100	11 400	11 600	10 250	8 950	16
18				9 650	9 350	9 400	9 550	9 650	9 500	9 250	8 950	18
20				8 050	7 800	8 300	8 300	8 100	7 950	7 650	7 400	20
22					6 900	7 100	7 100	6 900	6 800	6 500	6 300	22
24					6 100	6 100	6 100	5 950	5 800	5 550	5 300	24
26						5 300	5 300	5 150	5 000	4 700	4 450	26
28						4 600	4 600	4 450	4 300	4 000	3 750	28
30							4 000	3 800	3 700	3 400	3 150	30
32							2 650	3 300	3 150	2 900	2 600	32
34								2 850	2 700	2 450	2 200	34
36									2 300	2 050	1 800	36
38									1 950	1 700	1 450	38
40									650	1 350	1 100	40
42										1 100	850	42
44											600	44

\* Over Front Only  
\* ASME B30.5 or Special Equipment

## Fly Attachment Lift Capacity Charts – 75%/ISO – Optional

13.2t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length + 3.0m Manual Offset Fly (2°, 15°, 30° & 45° Offsets)											Radius (m)
	11.67	15.24– 15.38	18.8– 19.21	22.78– 23.18	26.21– 27.28	30.48	33.88– 34.94	38.1	41.82– 42.75	45.72	50.02	
3	18 850	19 400	21 600									3
3.5	16 400	16 700	19 400	21 600								3.5
4	16 150	16 500	19 050	21 600								4
4.5	15 950	16 300	16 500	19 200	19 200							4.5
5	15 750	16 100	16 350	18 750	18 950							5
6	15 450	15 800	16 050	16 250	16 350	18 450	18 000					6
7	15 250	15 600	15 850	16 000	16 150	18 100	18 000					7
8	15 150	15 350	15 600	15 800	16 000	16 050	17 750	13 850	9 350			8
9	15 150	15 200	15 450	15 650	15 800	15 900	15 950	13 850	11 600	8 400		9
10	15 150	15 150	15 300	15 500	15 650	15 700	15 800	13 850	11 600	8 400	7 250	10
12	15 150	15 150	15 150	15 300	15 450	15 500	15 600	13 850	11 600	8 400	7 250	12
14		13 800	13 900	13 650	13 900	13 850	13 750	13 600	11 600	8 400	7 250	14
16		10 800	11 450	11 450	11 450	11 250	11 050	10 750	10 450	8 400	7 250	16
18			9 400	9 400	9 400	9 150	9 000	8 850	9 100	8 400	7 250	18
20			7 450	7 850	7 800	7 600	7 750	7 950	7 800	7 500	7 250	20
22				6 900	6 650	6 850	7 000	6 800	6 650	6 350	6 100	22
24				5 100	5 700	6 050	6 000	5 800	5 650	5 400	5 100	24
26					5 200	5 250	5 200	5 000	4 850	4 550	4 250	26
28					3 100	4 600	4 550	4 300	4 150	3 850	3 550	28
30						4 000	3 950	3 700	3 550	3 250	2 950	30
32							3 400	3 200	3 000	2 700	2 450	32
34							2 950	2 750	2 550	2 250	2 000	34
36								2 350	2 200	1 900	1 600	36
38								2 000	1 850	1 550	1 250	38
40									1 550	1 250	950	40
42									1 250	950	700	42
44										700	450	44
46										500		46

## Fly Attachment Lift Capacity Charts – 75%/ISO – Optional

13.2t Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)									
50.0m Main Boom Length									
Radius (m)	10.67m Manual Offset Fly				17.68m Manual Offset Fly				Radius (m)
	2°	15°	30°	45°	2°	15°	30°	45°	
12	5 000								12
14	5 000								14
16	5 000				3 400				16
18	5 000	5 200			3 400				18
20	5 000	5 200	5 100		3 400	3 600			20
22	5 000	5 200	5 000	4 450	3 400	3 600			22
24	5 000	5 200	4 850	4 350	3 400	3 450			24
26	4 550	4 900	4 750	4 300	3 400	3 350	2 800		26
28	3 850	4 150	4 450	4 250	3 400	3 250	2 700	2 350	28
30	3 200	3 500	3 800	4 000	3 400	3 150	2 650	2 300	30
32	2 700	2 950	3 200	3 400	2 900	3 050	2 550	2 250	32
34	2 250	2 450	2 700	2 850	2 450	2 850	2 500	2 250	34
36	1 850	2 050	2 250	2 400	2 050	2 400	2 450	2 200	36
38	1 500	1 700	1 850	1 950	1 700	2 000	2 350	2 150	38
40	1 200	1 350	1 500	1 600	1 400	1 700	1 950	2 150	40
42	900	1 050	1 200	1 250	1 100	1 350	1 650	1 800	42
44	650	800	900	950	850	1 100	1 350	1 500	44
46	400	550	650	700	600	850	1 050	1 200	46
48			400		400	600	800	900	48
50						400	550	650	50
52								400	52

## Main Boom Lift Capacity Charts – 75% – On Tires

8.8t Counterweight – On Tires – Stationary – Boom Centered Over Front Between Tire Tracks (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)						Radius (m)	
	11.67	15.24	18.8	22.86	26.21	30.48		33.88
3.5	31 600							3.5
4	29 650							4
4.5	27 150	28 050						4.5
5	25 000	26 250						5
6	21 450	22 700	19 050					6
7	17 950	19 650	17 600					7
8	13 900	15 600	16 150	16 650				8
9	11 050	12 700	13 650	14 050	13 900			9
10		10 500	11 450	11 850	12 050			10
12		7 450	8 350	8 800	9 000	9 000	8 750	12
14			6 300	6 750	7 000	7 000	7 000	14
16			4 850	5 300	5 550	5 550	5 550	16
18				4 200	4 450	4 500	4 500	18
20				3 350	3 600	3 650	3 650	20
22					2 900	2 950	2 950	22
24					2 350	2 400	2 400	24
26						1 950	1 950	26
28						1 550	1 550	28
30							1 250	30

# STERLING CRANE

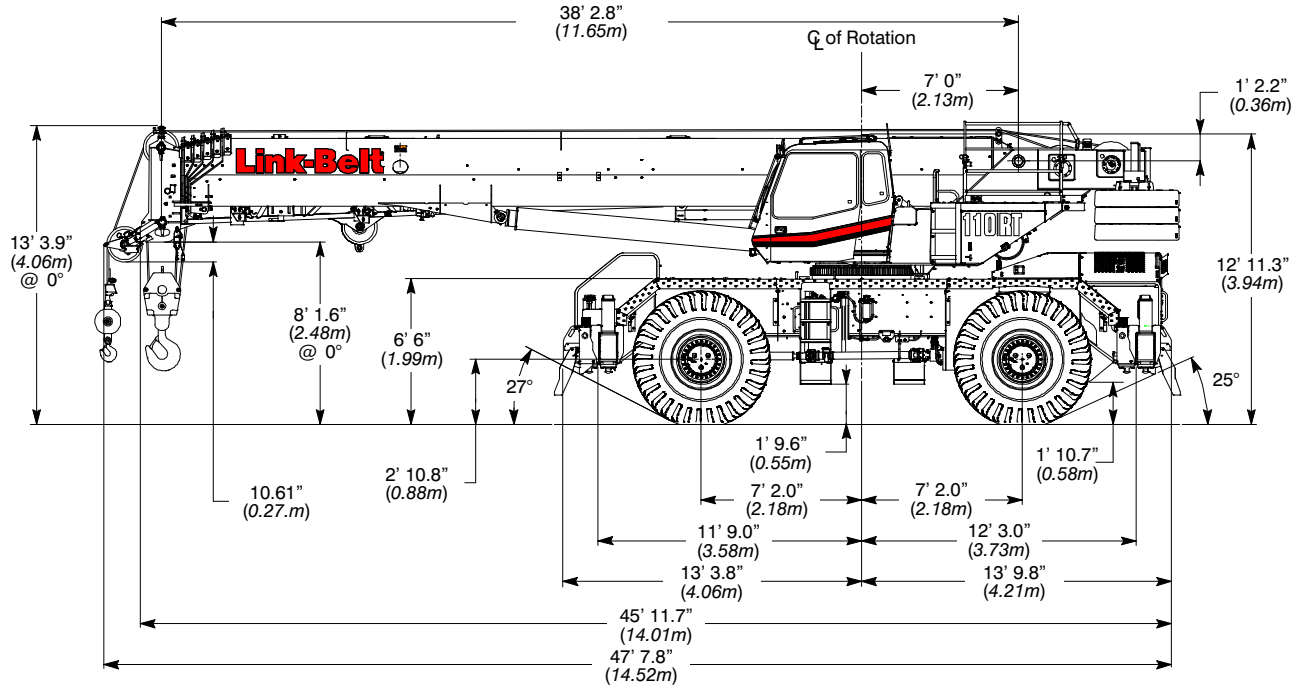
## Main Boom Lift Capacity Charts – 75% – On Tires

8.8t Counterweight – On Tires – Pick & Carry (Creep) – Boom Centered Over Front (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.67	15.24	18.8	22.86	26.21	30.48	33.88	
3.5	30 650							3.5
4	28 600							4
4.5	25 900	26 700						4.5
5	23 650	24 800						5
6	19 850	21 100	19 050					6
7	16 900	18 150	17 600					7
8	13 900	15 600	16 150	16 650				8
9	11 050	12 700	13 650	14 050	13 900			9
10		10 500	11 450	11 850	12 050			10
12		7 450	8 350	8 800	9 000	9 000	8 750	12
14			6 300	6 750	7 000	7 000	7 000	14
16			4 850	5 300	5 550	5 550	5 550	16
18				4 200	4 450	4 500	4 500	18
20				3 350	3 600	3 650	3 650	20
22					2 900	2 950	2 950	22
24					2 350	2 400	2 400	24
26						1 950	1 950	26
28						1 550	1 550	28
30							1 250	30

8.8t Counterweight – On Tires – Stationary – 360° Rotation (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.67	15.24	18.8	22.86	26.21	30.48	33.88	
3.5	20 050							3.5
4	18 550							4
4.5	16 650	17 550						4.5
5	15 000	16 150						5
6	12 300	13 550	14 000					6
7	10 150	11 450	12 200					7
8	8 450	9 750	10 500	10 900				8
9	7 000	8 350	9 100	9 500	9 550			9
10		7 200	7 950	8 350	8 600			10
12		5 350	6 200	6 600	6 850	6 850	6 750	12
14			4 800	5 250	5 450	5 500	5 550	14
16			3 750	4 150	4 400	4 450	4 500	16
18				3 300	3 550	3 600	3 650	18
20				2 600	2 850	2 900	2 950	20
22					2 300	2 300	2 350	22
24					1 800	1 850	1 850	24
26						1 400	1 450	26
28						1 050	1 050	28
30							750	30

# STERLING CRANE

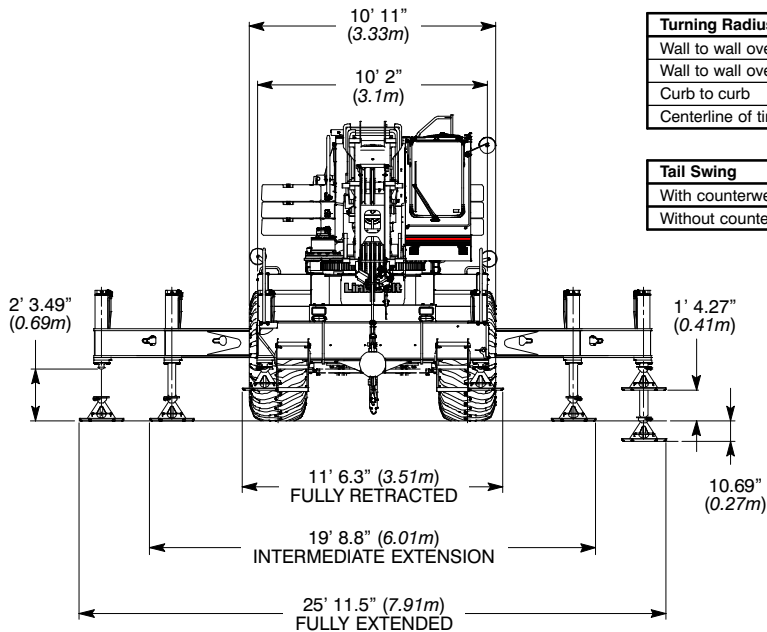
## General Dimensions Tier 3 / Stage IIIA



Turning Radius — Front Wheel (4x2) Steering	English	Metric
Wall to wall over carrier	51' 2"	15.60m
Wall to wall over boom attachment	59' 0"	17.98m
Curb to curb	49' 8"	15.14m
Centerline of tire	45' 5"	14.76m

Turning Radius — All Wheel (4x4) Steering	English	Metric
Wall to wall over carrier	27' 9"	8.46m
Wall to wall over boom attachment	39' 2"	11.94m
Curb to curb	25' 11"	7.90m
Centerline of tire	24' 8"	7.52m

Tail Swing	English	Metric
With counterweight	14' 2"	4.32m
Without counterweight	13' 0"	4.0m

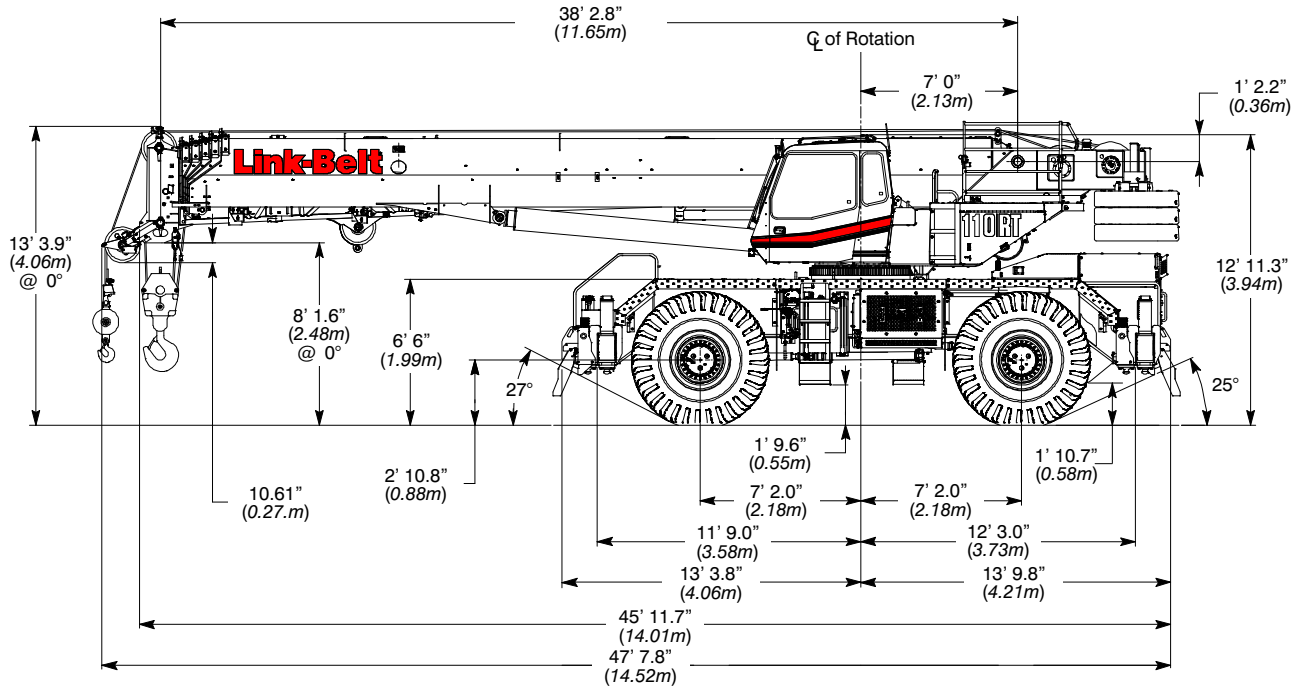


Not To Scale



# STERLING CRANE

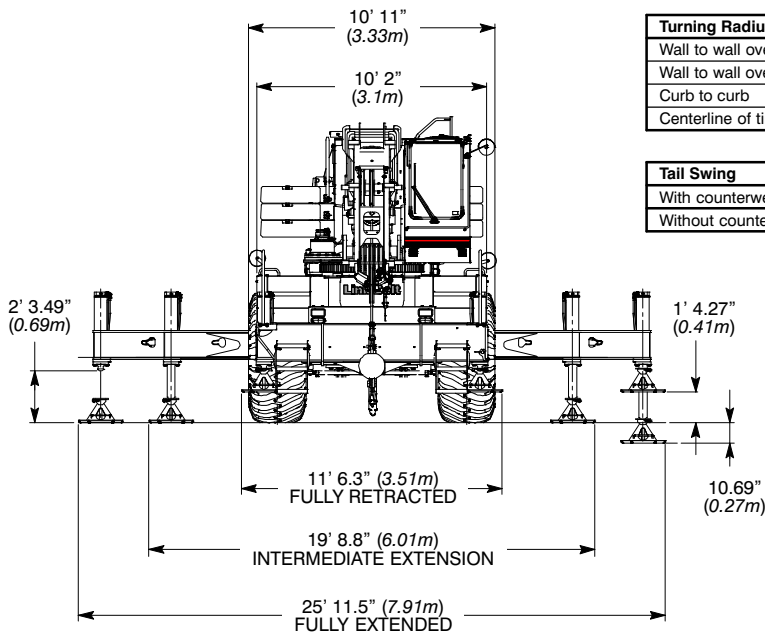
## General Dimensions Tier 4f / Stage IV



Turning Radius – Front Wheel (4x2) Steering	English	Metric
Wall to wall over carrier	51' 2"	15.60m
Wall to wall over boom attachment	59' 0"	17.98m
Curb to curb	49' 8"	15.14m
Centerline of tire	45' 5"	14.76m

Turning Radius – All Wheel (4x4) Steering	English	Metric
Wall to wall over carrier	27' 9"	8.46m
Wall to wall over boom attachment	39' 2"	11.94m
Curb to curb	25' 11"	7.90m
Centerline of tire	24' 8"	7.52m

Tail Swing	English	Metric
With counterweight	14' 2"	4.32m
Without counterweight	13' 0"	4.0m



Not To Scale

## Axle Loads

Base crane with zero counterweight and full tank of fuel	Gross Vehicle Weight <sup>(1)</sup>		Upper Facing Front				Upper Facing Rear			
	lb	kg	Front Axles		Rear Axles		Front Axles		Rear Axles	
			lb	kg	lb	kg	lb	kg	lb	kg
Tier 4f / Stage IV	87,534	39,705	57,902	26,264	29,632	13,441	23,132	10,493	64,402	29,212
Tier 3 / Stage IIIA	86,902	39,418	57,708	26,176	29,194	13,242	22,938	10,405	63,964	29,014
Pintle hook, front	14	6	19	9	-5	-2	19	9	-5	-2
Pintle hook, rear	14	6	-6	-3	20	9	-6	-3	20	9
Hydro-gas suspension	56	25	21	10	35	16	21	10	35	5
Operator in cab	250	113	140	64	110	50	110	50	140	64
Hoist drum follower – main	69	31	-24	-11	93	42	93	42	-24	-11
Auxiliary winch with 600 ft (182.9m) wire rope	738	335	-90	-41	828	376	828	376	-90	-41
Hoist drum follower – auxiliary	69	31	-6	3	75	34	75	34	-6	3
Substitute 600 ft (182.9m) wire rope with 730 ft (222.5m) – auxiliary	158	72	-5	-2	163	74	163	74	-5	-2
Remove 730 ft (222.5m) wire rope from rear (main) winch	-902	-409	197	89	-1,098	-498	-1,098	-498	197	89
Remove 600 ft (182.9m) wire rope from front (auxiliary) winch	-744	-337	24	11	-768	-348	-768	-348	24	11
One slab of counterweight on upper	9,600	4,355	-3,356	-1,522	12,956	5,877	12,956	5,877	-3,356	-1,522
Two slabs of counterweight on upper	19,200	8,709	-6,712	-3,045	25,912	11,754	25,912	11,754	-6,712	-3,045
Three slabs of counterweight on upper	28,800	13,064	-10,068	-4,567	38,868	17,630	38,868	17,630	-10,068	-4,567
Emergency steering	251	114	49	22	202	92	202	92	49	22
360° mechanical swing lock	140	64	72	33	68	31	68	31	72	33
Floodlight to front of boom base section	26	12	36	16	-10	-5	-10	-5	36	16
Fly mounting brackets to boom base section for fly options	232	105	282	128	-50	-23	-50	-23	282	128
35 ft (10.67m) offsettable fly – stowed	1,595	723	2,618	1,188	-1,023	-464	-1,023	-464	2,618	1,188
35–58 ft (10.67–17.68m) offsettable fly – stowed	2,296	1,041	3,323	1,507	-1,027	-466	-1,027	-466	3,323	1,507
10 ft offsettable fly	1,062	482	2,541	1,153	-1,479	671	-1,479	671	2,541	1,153
10–35 ft offsettable fly	2,044	927	3,577	1,623	-1,533	-695	-1,533	-695	3,577	1,623
10–35–58 ft (3.0–10.67–17.68m) offsettable fly	2,745	1,245	4,283	1,943	-1,538	-698	-1,538	-698	4,283	1,943
Auxiliary lifting sheave	110	50	307	139	-197	-89	-197	-89	307	139
110 ton (81.6mt) 6–sheave hook block at bumper	1,985	900	3,012	1,366	-1,027	-466	-1,027	-466	3,012	1,366
80 ton (72.5mt) 5–sheave hook block at bumper	1,406	638	2,134	968	-728	-330	-728	-330	2,134	968
60 ton (54.4mt) 3–sheave hook block at bumper w/o weights	805	365	1,222	554	-417	-189	-417	-189	1,222	554
60 ton (54.4mt) 3–sheave hook block at bumper w/ 3 sets of weights	1,345	610	2,041	926	-696	-316	-696	-316	2,041	926
25 ton (54.4mt) 1–sheave hook block at bumper	750	340	1,138	516	-388	-176	-388	-176	1,138	516
10 ton (9.1mt) hook ball at bumper	580	263	880	399	-300	-136	-300	-136	880	399
110 ton (81.6mt) 6–sheave hook block at boom head	1,985	900	5,326	2,416	-3,341	-1,515	-3,341	-1,515	5,326	2,416
80 ton (72.5mt) 5–sheave hook block at boom head	1,406	638	3,773	1,711	-2,367	1,074	-2,367	1,074	3,773	1,711
60 ton (54.4mt) 3–sheave hook block at boom head	805	365	2,160	980	-1,355	615	-1,355	615	2,160	980
25 ton (54.4mt) 1–sheave hook block at boom head	750	340	2,012	913	-1,262	572	-1,262	572	2,012	913
10 ton (9.1mt) hook ball at boom head	580	263	1,556	706	-976	443	-976	443	1,556	706

Tire	Maximum Allowable Axle Load @ 20 mph (32.2km/h)
29.5 x 25 (34–PR)	66,200 lb (30,028kg)

<sup>(1)</sup> Adjust gross vehicle weight and axle loading according to component weight.

Note: All weights are ±3%.