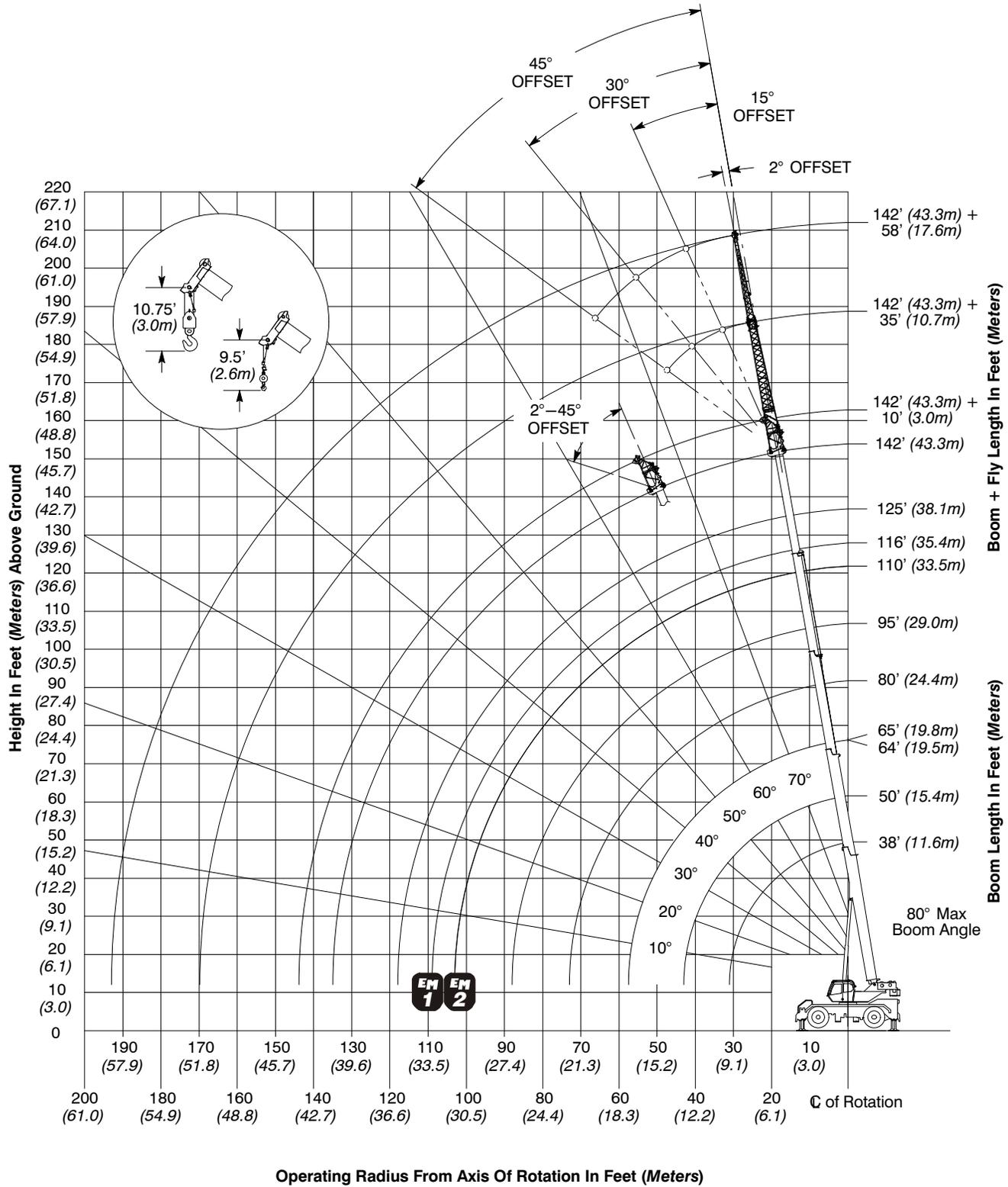
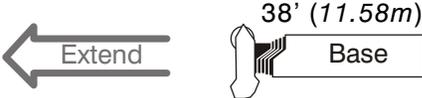
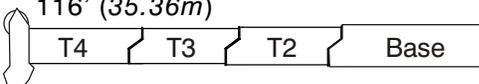
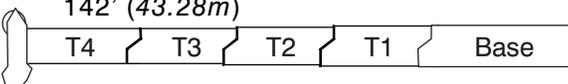
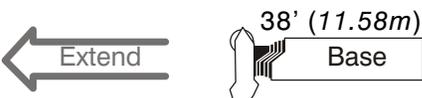
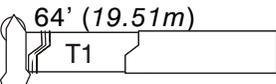
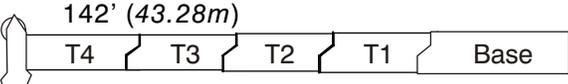


Working Range Diagram



Boom Extend Modes

	Boom Length		Telescope Length						
	ft	m	T4	T3	T2	T1			
*	38	11.58							
	50	15.24	15%	15%	15%				
*	65	19.81	35%	35%	35%				
	80	24.38	54%	54%	54%				
**	90	27.43	67%	67%	67%				
	95	28.96	73%	73%	73%				
*	116	35.36	100%	100%	100%				
	125	38.10	100%	100%	100%	35%			
*	142	43.28	100%	100%	100%	100%			
	Boom Length		Telescope Length						
	ft	m	T4	T3	T2	T1			
*	38	11.58							
	50	15.24				46%			
*	64	19.51				100%			
	80	24.38	21%	21%	21%	100%			
**	85	25.91	27%	27%	27%	100%			
	95	28.96	40%	40%	40%	100%			
*	110	33.53	59%	59%	59%	100%			
	125	38.10	78%	78%	78%	100%			
*	142	43.28	100%	100%	100%	100%			

* Denotes boom lengths charted with 35' or 58' fly capacities only.

Main Boom Lift Capacity Charts – Imperial

14,500lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)									
Radius (ft)	Boom Length (ft)								Radius (ft)
	38.0	50.0	64.0/65.0	80.0	95.0	110.0/116.0	125.0	142.0	
8	150,000**								8
9	140,000								9
10	131,300	96,700	61,000						10
12	117,400	96,700	61,000	45,000					12
15	100,800	96,700	61,000	45,000	45,000				15
20	78,400	77,400	61,000	45,000	45,000	40,000			20
25	60,600	59,800	57,600	45,000	45,000	40,000	28,200		25
30	48,000	46,600	45,300	43,900	39,600	36,000	28,200	20,200	30
35		37,600	39,000	37,800	35,000	32,000	27,800	20,200	35
40		29,200	30,700	31,400	28,200	28,700	25,500	20,200	40
45			24,800	25,500	22,500	23,300	23,500	20,100	45
50			20,500	21,200	19,500	19,000	19,600	18,500	50
55			17,100	17,800	17,900	15,700	16,300	16,800	55
60				15,200	15,700	13,600*	14,500	14,300	60
65				13,100	13,500	12,600*	13,300	12,200	65
70				11,300	11,800	11,600*	11,500	10,400	70
75					10,300	10,600*	10,000	8,900	75
80					8,900	9,400*	8,700	7,700	80
85					7,800	8,200*	7,600	6,600	85
90						7,300*	6,600	5,600	90
95						6,400*	5,800	4,800	95
100						5,700*	5,100	4,100	100
105						5,000*	4,400	3,400	105
110							3,800	2,800	110
115							3,200	2,300	115
120								1,800	120
125								1,400	125

*Boom Mode EM1, 116.0 ft
**Over Front Only

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.

Fly Attachment Lift Capacity Charts – Optional

14,500lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)									
Radius (ft)	142 ft Main Boom Length								Radius (ft)
	35 ft Manual Offset Fly				58 ft Manual Offset Fly				
	0°	15°	30°	45°	0°	15°	30°	45°	
40	10,900								40
45	10,900				7,200				45
50	10,900	11,300			7,200				50
55	10,900	11,300			7,200				55
60	10,900	11,300	11,400		7,200				60
65	10,900	11,300	11,200	10,100	7,200	7,700			65
70	10,900	11,100	10,800	10,000	7,200	7,500			70
75	9,600	10,400	10,100	9,800	7,200	7,400			75
80	8,300	9,100	9,500	9,400	7,200	7,200	6,300		80
85	7,200	7,900	8,500	8,800	7,200	7,000	6,200	5,500	85
90	6,200	6,900	7,400	7,900	6,800	6,900	6,100	5,400	90
95	5,300	5,900	6,500	6,800	5,900	6,800	5,900	5,300	95
100	4,600	5,100	5,600	5,900	5,100	6,100	5,800	5,200	100
105	3,900	4,400	4,800	5,100	4,400	5,300	5,700	5,100	105
110	3,300	3,700	4,100	4,400	3,800	4,600	5,300	5,000	110
115	2,700	3,200	3,500	3,700	3,300	4,000	4,600	5,000	115
120	2,200	2,600	2,900	3,100	2,700	3,400	4,000	4,500	120
125	1,800	2,100	2,400	2,500	2,300	2,900	3,500	3,900	125
130	1,400	1,700	1,900	2,000	1,900	2,500	3,000	3,300	130
135	1,000	1,300	1,500	1,600	1,500	2,000	2,500	2,800	135
140		900	1,100		1,100	1,600	2,000	2,300	140
145						1,300	1,600	1,800	145
150						900	1,200	1,400	150
155							900	1,000	155

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.

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

14,500lb Counterweight – On Tires – Stationary – Boom Centered Over The Front (All Capacities Are Listed In Pounds)						
Radius (ft)	Boom Length (ft)					Radius (ft)
	38	50	65	80	95	
10	68,400					10
12	60,400	46,100				12
15	51,200	46,100	35,400			15
20	40,300	42,000	35,400	27,000		20
25	31,900	34,000	35,400	27,000		25
30	23,000	25,200	26,400	27,000	20,800	30
35		18,900	20,300	20,900	20,800	35
40		14,600	15,900	16,600	17,000	40
45			12,800	13,600	14,000	45
50			10,400	11,100	11,600	50
55			8,400	9,200	9,700	55
60				7,600	8,100	60
65				6,300	6,800	65
70				5,300	5,700	70
75					4,800	75
80					4,000	80
85					3,300	85

14,500lb Counterweight – On Tires – Pick & Carry (Creep) – Boom Centered Over Front (All Capacities Are Listed In Pounds)						
Radius (ft)	Boom Length (ft)					Radius (ft)
	38	50	65	80	95	
10	66,900					10
12	58,600	46,100				12
15	48,700	46,100	35,400			15
20	37,200	38,800	35,400	27,000		20
25	29,300	30,900	32,000	27,000		25
30	23,000	25,100	26,300	27,000	20,800	30
35		18,900	20,300	20,900	20,800	35
40		14,900	15,900	16,600	17,000	40
45			12,800	13,600	14,000	45
50			10,400	11,100	11,600	50
55			8,400	9,200	9,700	55
60				7,600	8,100	60
65				6,300	6,800	65
70				5,300	5,700	70
75					4,800	75
80					4,000	80
85					3,300	85

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.

14,500lb Counterweight – On Tires – Pick & Carry (2.5mph) – Boom Centered Over Front
(All Capacities Are Listed In Pounds)

Radius (ft)	Boom Length (ft)					Radius (ft)
	38	50	64/65	80	95	
10	41,000					10
12	35,400	36,700				12
15	28,800	30,200	31,200			15
20	20,900	22,500	23,500	24,200		20
25	15,500	17,100	18,300	18,900		25
30	11,500	13,300	14,400	15,200	15,600	30
35		10,300	11,500	12,200	12,700	35
40		7,900	9,200	9,900	10,400	40
45			7,300	8,000	8,500	45
50			5,700	6,500	7,000	50
55			4,400	5,200	5,700	55
60				4,100	4,600	60
65				3,100	3,600	65
70				2,300	2,800	70
75					2,100	75
80					1,400	80

14,500lb Counterweight – On Tires – Stationary – 360° Rotation
(All Capacities Are Listed In Pounds)

Radius (ft)	Boom Length (ft)					Radius (ft)
	38	50	65	80	95	
12	42,100					12
15	30,000	31,900				15
20	17,800	19,700				20
25	11,300	13,100	14,500			25
30	7,100	9,000	10,200	11,000		30
35		6,200	7,400	8,100	8,600	35
40		4,100	5,300	6,000	6,500	40
45			3,700	4,400	4,900	45
50			2,500	3,100	3,600	50
55				2,100	2,600	55
60				1,300	1,800	60
65					1,100	65

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.

Main Boom Lift Capacity Charts – 75% – Metric

6.6t Counterweight (14,500 lbs) – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)										
Radius (m)	Boom Length (m)									Radius (m)
	11.58	15.24	19.51–19.81	24.38	28.96	33.53	35.36	38.1	43.28	
2.5	70 000*									2.5
3.0	63 500	43 850	27 650							3.0
3.5	58 050	43 850	27 650							3.5
4.0	53 250	43 850	27 650	20 450						4.0
4.5	49 100	43 850	27 650	20 450						4.5
5.0	45 500	43 850	27 650	20 450	20 400					5.0
6.0	38 600	38 150	27 650	20 450	20 400	18 100				6.0
7.0	32 200	31 800	27 650	20 450	20 400	18 100				7.0
8.0	27 400	27 050	25 150	20 450	19 850	17 950	12 050	12 850		8.0
9.0	22 900	22 250	21 700	20 150	18 200	16 550	11 150	12 850	9 150	9.0
10.0		19 650	20 350	18 500	16 750	15 250	10 350	12 850	9 150	10.0
12.0		13 900	14 550	14 950	13 500	13 200	9 000	11 700	9 150	12.0
14.0			11 050	11 400	10 050	10 400	7 950	10 500	9 000	14.0
16.0			8 650	9 000	8 450	8 050	7 050	8 350	8 100	16.0
18.0				7 250	7 450	6 400	6 300	6 700	6 900	18.0
20.0				5 950	6 200	5 100	5 650	6 050	5 600	20.0
22.0				4 900	5 150	4 100	5 100	5 050	4 550	22.0
24.0					4 300	3 300	4 500	4 200	3 750	24.0
26.0					3 650	2 650	3 850	3 550	3 100	26.0
28.0						2 100	3 250	2 950	2 550	28.0
30.0						1 600	2 750	2 500	2 050	30.0
32.0							2,350	2 100	1 650	32.0
34.0								1 700	1 300	34.0
36.0									1 000	36.0
38.0									700	38.0

* Over Front Only

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 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

Fly Attachment Lift Capacity Charts – 75% Metric – Optional

6.6t Counterweight (14,500lbs) – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)									
43.28m Main Boom Length									
Radius (m)	10.7 m Fly Length				17.7 m Fly Length				Radius (m)
	0°	15°	30°	45°	0°	15°	30°	45°	
12.0	4 950								12.0
14.0	4 950				3 300				14.0
16.0	4 950	5 150			3 300				16.0
18.0	4 950	5 150	5 200		3 300				18.0
20.0	4 950	5 150	5 100	4 600	3 300	3 450			20.0
22.0	4 750	4 900	4 750	4 500	3 300	3 350			22.0
24.0	3 900	4 300	4 350	4 300	3 300	3 300	2 850		24.0
26.0	3 200	3 550	3 850	3 950	3 300	3 200	2 800	2 500	26.0
28.0	2 650	2 950	3 200	3 400	2 900	3 100	2 700	2 450	28.0
30.0	2 150	2 450	2 650	2 800	2 450	2 850	2 650	2 350	30.0
32.0	1 750	2 000	2 200	2 300	2 000	2 400	2 550	2 300	32.0
34.0	1 400	1 600	1 800	1 900	1 650	2 000	2 300	2 300	34.0
36.0	1 100	1 250	1 400	1 500	1 350	1 650	1 900	2 150	36.0
38.0	800	1 000	1 100	1 150	1 050	1 350	1 600	1 750	38.0
40.0	550	700	800	850	800	1 050	1 300	1 450	40.0
42.0		500	550		550	800	1 000	1 150	42.0
44.0						600	750	850	44.0
46.0						400	550	600	46.0

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 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

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

6.6t Counterweight (14,500lbs) – On Tires – Stationary – Boom Centered Over Front Between Tire Tracks (All Capacities Are Listed In Kilograms)						
Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.81	24.38	28.96	
3.0	31 350					3.0
3.5	28 250	20 850				3.5
4.0	25 700	20 850				4.0
4.5	23 500	20 850	16 050			4.5
5.0	21 650	20 850	16 050			5.0
6.0	18 550	19 300	16 050	12 200		6.0
7.0	16 000	16 850	16 050	12 200		7.0
8.0	13 500	14 500	15 050	12 200		8.0
9.0	10 750	11 750	12 300	12 200	9 400	9.0
10.0		9 700	10 300	10 600	9 400	10.0
12.0		6 850	7 450	7 750	7 950	12.0
14.0			5 600	5 950	6 100	14.0
16.0			4 250	4 600	4 800	16.0
18.0				3 600	3 800	18.0
20.0				2 800	3 000	20.0
22.0				2 200	2 400	22.0
24.0					1 900	24.0
26.0					1 500	26.0

6.6t Counterweight (14,500lbs) – On Tires – Pick & Carry (Creep) Boom Centered Over Front (All Capacities Are Listed In Kilograms)						
Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.81	24.38	28.96	
3.0	30 700					3.0
3.5	27 450	20 850				3.5
4.0	24 750	20 850				4.0
4.5	22 400	20 850	16 050			4.5
5.0	20 400	20 850	16 050			5.0
6.0	17 150	17 850	16 050	12 200		6.0
7.0	14 600	15 300	15 800	12 200		7.0
8.0	12 550	13 300	13 800	12 200		8.0
9.0	10 750	11 600	12 150	12 200	9 400	9.0
10.0		9 700	10 300	10 600	9 400	10.0
12.0		6 850	7 450	7 750	7 950	12.0
14.0			5 600	5 950	6 100	14.0
16.0			4 250	4 600	4 800	16.0
18.0				3 600	3 800	18.0
20.0				2 800	3 000	20.0
22.0				2 200	2 400	22.0
24.0					1 900	24.0
26.0					1 500	26.0

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 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

6.6t Counterweight (14,500lbs) – On Tires – Pick And Carry – 4 km/h (2.5mph) Boom Centered Over Front (All Capacities Are Listed In Kilograms)						
Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.81	24.38	28.96	
3.0	18 850					3.0
3.5	16 650	17 250				3.5
4.0	14 800	15 400				4.0
4.5	13 250	13 900	14 350			4.5
5.0	11 900	12 550	13 000			5.0
6.0	9 650	10 350	10 850	11 150		6.0
7.0	7 900	8 650	9 150	9 450		7.0
8.0	6 550	7 250	7 800	8 100		8.0
9.0	5 350	6 150	6 700	7 000	7 150	9.0
10.0		5 200	5 750	6 100	6 300	10.0
12.0		3 700	4 250	4 600	4 800	12.0
14.0			3 150	3 500	3 700	14.0
16.0			2 300	2 600	2 850	16.0
18.0				1 950	2 150	18.0
20.0				1 350	1 600	20.0
22.0				900	1 100	22.0
24.0					700	24.0

6.6t Counterweight (14,500lbs) – On Tires – Stationary – 360° Rotation (All Capacities Are Listed In Kilograms)						
Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.81	24.38	28.96	
3.5	19 050					3.5
4.0	17 150					4.0
4.5	14 000					4.5
5.0	11 600	12 550				5.0
6.0	8 300	9 200				6.0
7.0	6 150	7 000	6 550			7.0
8.0	4 550	5 400	6 000			8.0
9.0	3 400	4 200	4 800	4 950		9.0
10.0		3 300	3 850	4 200		10.0
12.0		1 950	2 500	2 800	3 050	12.0
14.0			1 550	1 900	2 100	14.0
16.0				1 200	1 9400	16.0
18.0				650	850	18.0
20.0					450	20.0

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 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

Main Boom Lift Capacity Charts – 85% – Metric

6.6t Counterweight (14,500 lbs) – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)										
Radius (m)	Boom Length (m)									Radius (m)
	11.58	15.24	19.51–19.81	24.38	28.96	33.53	35.36	38.1	43.28	
2.5	70 000*									2.5
3.0	63 500	43 850	27 650							3.0
3.5	58 050	43 850	27 650							3.5
4.0	53 250	43 850	27 650	20 450						4.0
4.5	49 100	43 850	27 650	20 450						4.5
5.0	45 500	43 850	27 650	20 450	20 400					5.0
6.0	38 600	38 150	27 650	20 450	20 400	18 100				6.0
7.0	32 200	31 800	27 650	20 450	20 400	18 100				7.0
8.0	27 400	27 050	25 150	20 450	19 850	17 950	12 050	12 850		8.0
9.0	22 900	22 250	21 700	20 150	18 200	16 550	11 150	12 850	9 150	9.0
10.0		19 650	20 350	18 500	16 750	15 250	10 350	12 850	9 150	10.0
12.0		13 900	14 550	14 950	13 500	13 200	9 000	11 700	9 150	12.0
14.0			11 050	11 400	10 050	10 400	7 950	10 500	9 000	14.0
16.0			8 650	9 000	8 450	8 050	7 050	8 350	8 100	16.0
18.0				7 250	7 450	6 400	6 300	6 700	6 900	18.0
20.0				5 950	6 200	5 100	5 650	6 050	5 600	20.0
22.0				4 900	5 150	4 100	5 100	5 050	4 550	22.0
24.0					4 300	3 300	4 500	4 200	3 750	24.0
26.0					3 650	2 650	3 850	3 550	3 100	26.0
28.0						2 100	3 250	2 950	2 550	28.0
30.0						1 600	3 750	2 500	2 050	30.0
32.0							2 350	2 100	1 650	32.0
34.0								1 700	1 300	34.0
36.0									1 000	36.0
38.0									700	38.0

* Over Front Only

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 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

Fly Attachment Lift Capacity Charts – 85% Metric – Optional

6.6t Counterweight (14,500lbs) – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)									
43.28m Main Boom Length									
Radius (m)	10.7 m Fly Length				17.7 m Fly Length				Radius (m)
	0°	15°	30°	45°	0°	15°	30°	45°	
12.0	4 950								12.0
14.0	4 950				3 300				14.0
16.0	4 950	5 150			3 300				16.0
18.0	4 950	5 150	5 200		3 300				18.0
20.0	4 950	5 150	5 100	4 600	3 300	3 450			20.0
22.0	4 750	4 900	4 750	4 500	3 300	3 350			22.0
24.0	3 900	4 300	4 350	4 300	3 300	3 300	2 850		24.0
26.0	3 200	3 550	3 850	3 950	3 300	3 200	2 800	2 500	26.0
28.0	2 650	2 950	3 200	3 400	2 900	3 100	2 700	2 450	28.0
30.0	2 150	2 450	2 650	2 800	2 450	2 850	2 650	2 350	30.0
32.0	1 750	2 000	2 200	2 300	2 000	2 400	2 550	2 300	32.0
34.0	1 400	1 600	1 800	1 900	1 650	2 000	2 300	2 300	34.0
36.0	1 100	1 250	1 400	1 500	1 350	1 650	1 900	2 150	36.0
38.0	800	1 000	1 100	1 150	1 050	1 350	1 600	1 750	38.0
40.0	550	700	800	850	800	1 050	1 300	1 450	40.0
42.0		500	550		550	800	1 000	1 150	42.0
44.0						600	750	850	44.0
46.0						400	550		46.0

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 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.