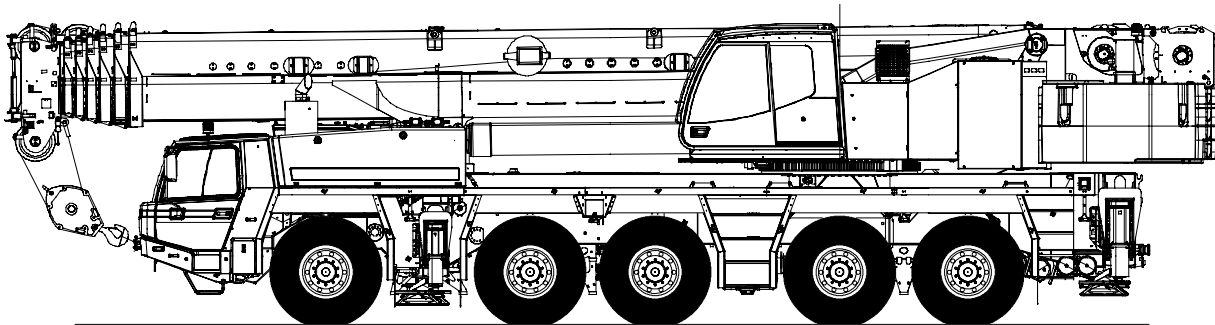


Technical Data

Specifications & Capacities

ATC 3250

Telescopic Boom All Terrain Crane
250 ton (220.0 metric ton)



CAUTION: This material is supplied for reference use only. Operator must refer to in-cab Crane Rating Manual and Operator's Manual to determine allowable crane lifting capacities and assembly and operating procedures.

Boom, Attachments, and Upper Structure

■ Boom

Design — Seven section, formed construction of extra high tensile steel consisting of one base section and six telescoping sections. The two plate design of each section has multiple longitudinal bends for superior strength. Each telescoping section extends independently by means of one double-acting, single stage hydraulic cylinder with an integrated holding valve.

Boom

- 43.3–223.1 ft (13.2–68.0m) seven section boom
- Four pinned positions of 0%, 46%, 92%, and 100% on each boom section provide thirty-eight extend combinations for superior capacities when varying the extension of the telescoping sections, controlled from the operator's cab.
- Integral boom dolly connection
- Mechanical boom angle indicator
- Wind speed indicator
- Maximum tip height for the following boom lengths are:

Boom Length (Pinned Positions)		Tip Height	
ft	m	ft	m
223.1	68.0	234.4	71.5
208.0	63.4	219.4	66.9
194.2	59.2	205.9	62.8
180.4	55.0	192.2	58.6
167.0	50.9	178.6	54.4
153.2	46.7	164.9	50.3
139.4	42.5	151.3	46.1
125.7	38.3	137.6	41.9
111.9	34.1	124.0	37.8
98.4	30.0	110.3	33.6
84.6	25.8	96.7	29.3
70.9	21.6	83.0	25.3
57.1	17.4	69.4	21.2
43.3	13.2	55.8	17.0

Boom Head

- Seven 18.2 in (46.2cm) root diameter nylon sheaves to handle up to fourteen parts of line
- Easily removable wire rope guards
- Rope dead end lugs on one side of the boom head
- Boom head is designed for quick-reeve of the hook block

Boom Elevation

- One double acting hydraulic cylinder with integral holding valve
- Boom elevation: -1.5° to 84°
- **Load Comp** — Load compensator maintains a consistent radius during load lift-off by automatically elevating boom hoist cylinder. Operated by a switch from the operator's cab.

Auxiliary Lifting Sheave – Optional

- Single 18.2 in (46.2cm) root diameter nylon sheave
- Easily removable wire rope guards
- Does not affect erection of the fly or use of the main head sheaves

Heavy Duty Lifting Sheave Package – Optional

- Two 18.2 in (46.2cm) root diameter nylon sheaves
- Easily removable wire rope guards
- Does not affect erection of the fly or use of the main head sheaves
- Necessary to achieve greater than 15 parts of line lifts

Hook Blocks and Balls – Optional

- 27.6 ton (25.0mt) 1 sheave quick-reeve hook block with safety latch
- 88.2 ton (80.0mt) 5 sheave quick-reeve hook block with safety latch
- 140 ton (127.0mt) 7 sheave quick-reeve hook block with safety latch
- 200 ton (181.4mt) 11 sheave quick-reeve hook block with safety latch
- 11 ton (10.0mt) swivel hook ball with safety latch

Fly – Optional

- 17.7 ft–43.3 ft (5.4–13.2m) two piece lattice fly, stowable, offsettable to 0° , 20° , and 40° . Maximum tip height is 279.5 ft (85.2m).

Fly Inserts – Optional

- Four 19.7 ft (6.0m) lattice inserts to be mounted between the 17.7 ft (5.4m) lattice fly base and the 25.6 ft (7.8m) lattice fly tip option. Maximum tip heights for the following fly lengths are:

Fly Length		Tip Height	
ft	m	ft	m
63.0	19.2	298.9	91.1
82.7	25.2	318.6	97.1
102.4	31.2	338.3	103.1
122.1	37.2	358.0	109.1

Main (Front) and Auxiliary (Rear) Winches – 0.83 in (21mm) Rope										
	Maximum Line Pull		Normal Line Speed		High Line Speed		Layer		Total	
Layer	lb	kg	ft/min	m/min	ft/min	m/min	ft	m	ft	m
1	24,504	11 115	207	63.2	332	101.1	176	53.7	176	53.7
2	22,706	10 299	226	68.8	361	110.0	192	58.5	368	112.2
3	20,907	9 483	244	74.3	390	119.0	207	63.2	575	175.4
4	19,558	8 872	262	79.9	420	127.9	223	68.0	799	243.4
5	18,210	8 260	281	85.5	449	136.8	239	72.7	1,037	316.1
6	17,085	7 750	299	91.1	478	145.8	254	77.5	1,291	393.6
7	15,961	7 240	317	96.7	508	154.7	270	82.2	1,561	475.8

Wire Rope Application	Diameter		Type	Maximum Permissible Load	
	in	mm		lb	kg
Main (Front) Winch	0.83	21	16 x 7 rotation resistant – right lang lay	17,175	7 790
Auxiliary (Rear) Winch	0.83	21	16 x 7 rotation resistant – right lang lay	17,175	7 790

Load Hoist System

Main and Auxiliary (Optional) Winches

- Axial piston, constant displacement motors driven through planetary reduction unit for positive control under all load conditions
- Grooved lagging
- Power up/down mode of operation
- Third wrap indicator with function lockout
- Drum rotation indicator
- Wire rope with “Superstop” easy reeving system
- Drum diameter: 20.67 in (525mm)
- Rope diameter: 0.83 in (21mm)
- Rope length:
 - Main: 1,148 ft (350m)
 - Auxiliary: 1,148 ft (350m)

Integrated Third Wrap Indicator – Rated capacity limiter color display visually and audibly warns the operator when the wire rope is on the first/bottom layer and when the wire rope is down to the last three wraps.

Auxiliary winch can be removed by cranes’ counterweight removal system.

Counterweight

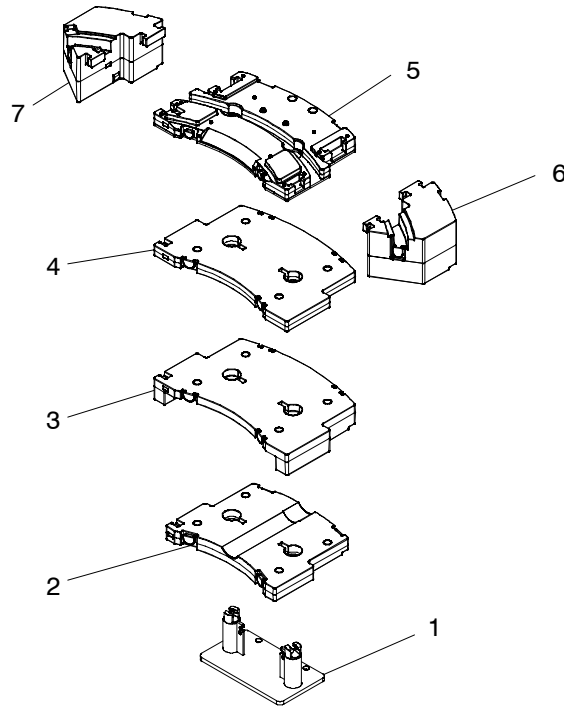
Standard – Total of 156,520 lb (71 000kg) of total counterweight consisting of seven hydraulically removable counterweights. Assembled and disassembled by hydraulic cylinders controlled from the operator’s cab with capacities for:

- 0 lb (0kg) counterweight
- 26,455 lb (12 000kg) counterweight
- 51,808 lb (23 500kg) counterweight*
- 77,161 lb (35 000kg) counterweight*
- 103,616 lb (47 000kg) counterweight*
- 156,527 lb (71 000kg) counterweight**

Low speed jobsite travel is offered for these counterweight configurations and a boom dolly or boom trailer may be required for on–highway travel.

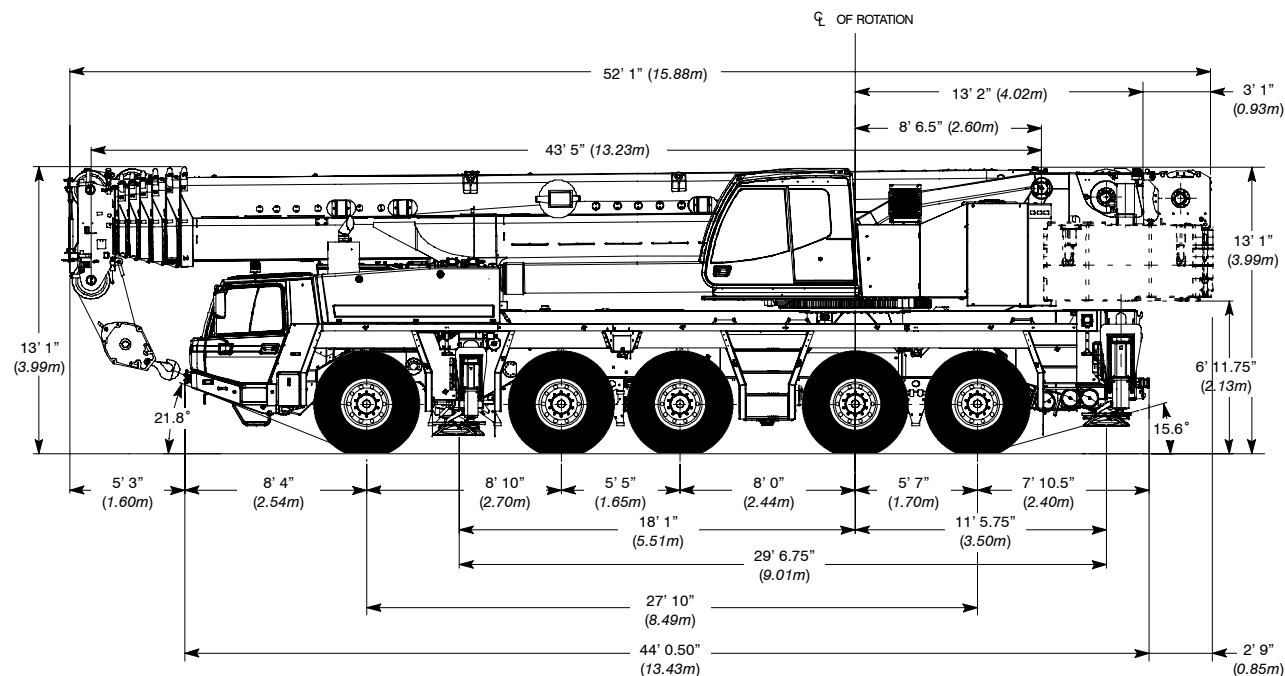
* Overall width of the crane increases to 15 ft 1 in (4.6m) for this counterweight configuration.

** Overall width of the crane increases to 18 ft 5 in (5.6m) for this counterweight configuration.



Counterweight Modules			1	2	3	4	5	6	7
			4,409 lb (2 000kg) tray	22,046 lb (10 000kg) piece	25,353 lb (11 500kg) piece	25,353 lb (11 500kg) piece	26,455 lb (12 000kg) top	26,455 lb (12 000kg) piece	26,455 lb (12 000kg) piece
Counterweight Usage Configurations	Standard	0 lb (0kg)							
		26,455 lb (12 000kg)	X	X					
		51,808 lb (23 500kg)	X	X	X				
		77,161 lb (35 000kg)	X	X	X	X			
		103,616 lb (47 000kg)	X	X	X	X	X		
		156,527 lb (71 000kg)	X	X	X	X	X	X	X

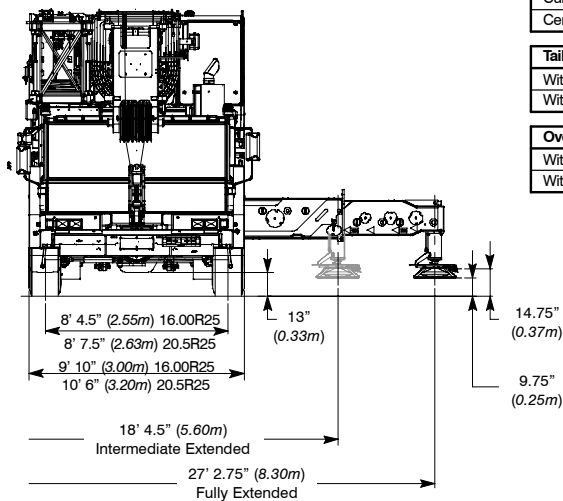
General Dimensions



Turning Radius	20.5R25		16.00R25	
	English	Metric	English	Metric
Wall to wall over carrier	36' 0"	11.0m	35' 9"	10.9m
Wall to wall over boom	38' 4"	11.7m	38' 1"	11.6m
Wall to wall over boom attachment	40' 7"	12.4m	40' 4"	12.3m
Curb to curb	32' 2"	9.80m	31' 11"	9.72m
Centerline of tire	31' 5"	9.6m	31' 2"	9.5m

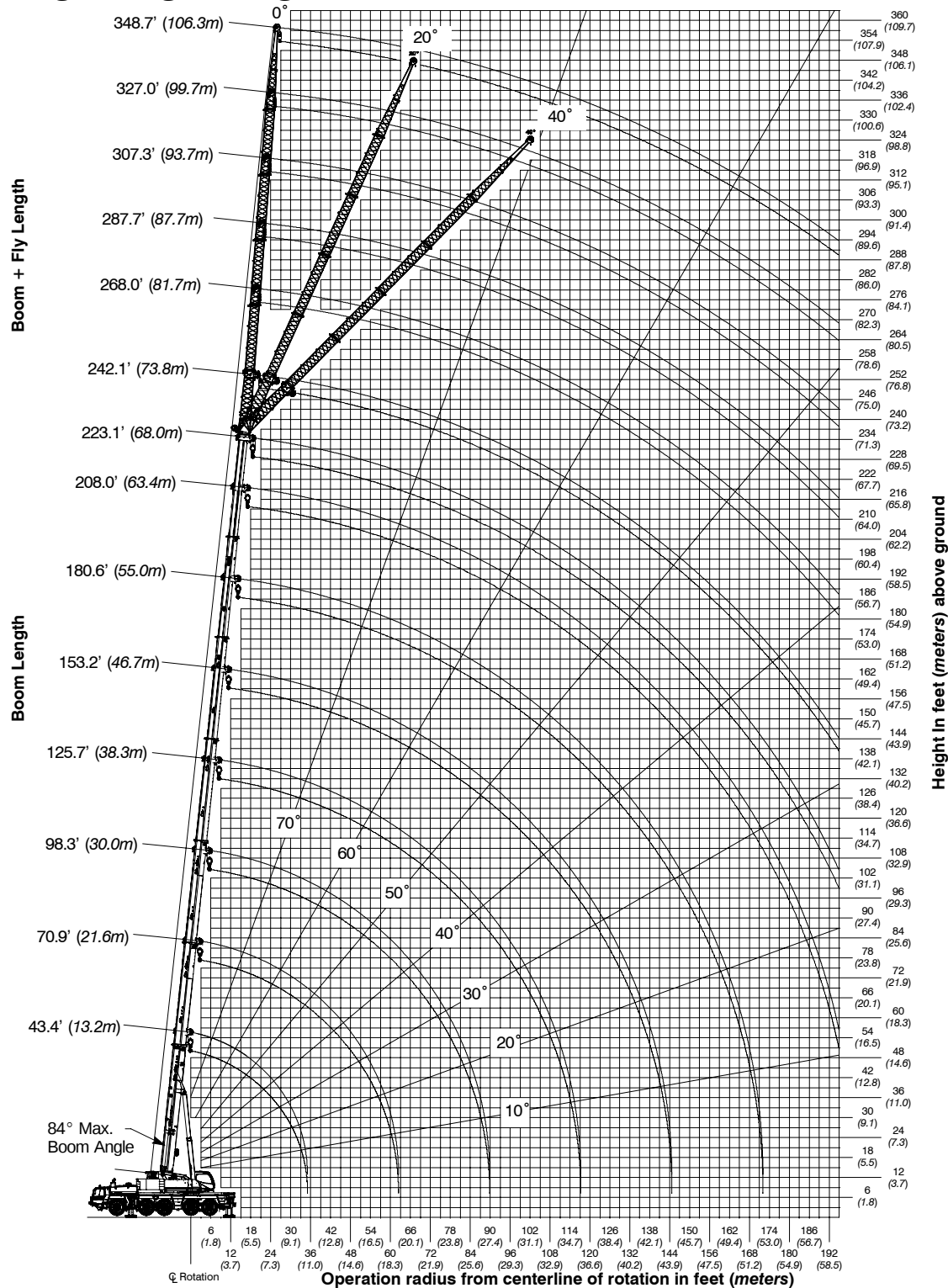
Tail Swing	English	Metric
With auxiliary winch	16' 8"	5.1m
Without auxiliary winch	14' 5"	4.4m

Overall Width	English	Metric
With 51,808–103,616 lb (23 500–37 000kg) counterweight	15' 1"	4.6m
With 156,527 lb (71 000kg) counterweight	18' 5"	5.6m



Not To Scale

Working Range Diagram



Boom Extend Modes

Base Tele I Tele II Tele III Tele IV Tele V Tele VI							
Boom Length		Sections Length					
ft	m	Tele I	Tele II	Tele III	Tele IV	Tele V	Tele VI
43.3	13.2	0	0	0	0	0	0
57.1	17.4	0	46	0	0	0	0
		0	0	0	0	0	46
70.9	21.6	46	46	0	0	0	0
		0	0	0	0	46	46
		0	0	0	0	0	92
84.6	25.8	92	46	0	0	0	0
		46	46	46	0	0	0
		0	0	0	46	46	46
		0	0	0	0	46	92
98.4	30.0	92	46	46	0	0	0
		46	46	46	46	0	0
		0	0	46	46	46	46
		0	0	0	0	92	92
111.9	34.1	92	46	46	46	0	0
		46	46	46	46	46	0
		0	46	46	46	46	46
		0	0	0	46	92	92
125.7	38.3	92	46	46	46	46	0
		46	46	46	46	46	46
		0	0	0	46	46	46
139.4	42.5	92	92	46	46	46	0
		92	46	46	46	46	46
		46	46	46	46	46	92
		0	0	46	92	92	92
153.2	46.7	92	92	46	46	46	46
		46	46	46	46	92	92
		0	0	92	92	92	92
167.0	50.9	92	92	92	46	46	46
		92	46	46	46	92	92
		0	46	92	92	92	92
180.4	55.0	92	92	92	92	46	46
		46	92	92	92	92	46
		0	92	92	92	92	92
194.2	59.2	92	92	92	92	92	46
		46	92	92	92	92	92
208.0	63.4	92	92	92	92	92	92
223.1	68.0	100	100	100	100	100	100

Main Boom Lift Capacity Charts

156,527 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Thousand Pounds)																
Radius (ft)	Boom Length (ft)															Radius (ft)
	43.3 (¹)	43.3	57.1	70.9	84.6	98.4	111.9	125.7	139.4	153.2	167.0	180.4	194.2	208.0	223.1	
8	500.0*															8
9	442.1*															9
10	394.6*	385.6*	308.6*	308.6*	251.3*											10
12	367.1*	346.1*	308.6*	308.6*	247.5*	199.5										12
14	341.5*	317.1*	305.7*	304.5*	233.3	199.5										14
16	306.9*	286.0*	284.9*	283.5*	227.1	193.7	154.3									16
18	274.1*	260.7*	260.1*	258.5*	227.1	184.1	154.3	120.2								18
20	244.6*	237.4	237.4	235.2	225.4	174.4	153.5	120.2	95.9							20
25	194.9	194.3	193.4	191.5	193.0	170.9	139.1	120.2	95.9	76.1						25
30	159.5	159.5	158.6	156.6	157.9	159.7	127.9	113.7	95.0	76.1	62.8	50.7				30
35			133.2	131.4	132.6	134.2	126.0	103.1	88.3	75.5	62.8	50.7	41.4			35
40			114.1	112.4	113.5	115.0	117.2	93.8	82.5	71.3	62.1	50.7	41.4	33.1	27.6	40
45			99.5	97.7	98.8	100.4	102.2	89.1	79.1	67.0	59.6	50.3	41.4	33.1	27.6	45
50				86.1	87.1	88.6	90.4	84.5	74.1	64.1	56.5	48.9	41.4	33.1	27.6	50
55				76.5	77.3	78.8	80.6	79.5	68.8	61.1	53.4	46.9	41.0	33.1	27.6	55
60				68.1	69.5	71.1	72.3	73.9	63.8	57.6	50.4	44.6	40.0	33.1	27.6	60
65					65.3	67.1	67.5	67.0	59.6	54.4	47.7	42.4	38.1	33.1	27.6	65
70					58.9	60.4	64.1	62.5	55.8	51.7	45.3	40.2	36.4	32.8	27.6	70
75						56.2	59.6	57.8	52.4	48.9	43.1	38.2	34.8	31.9	27.6	75
80						53.5	54.4	52.8	49.3	46.1	40.9	36.4	33.2	30.6	27.4	80
85						50.7	49.7	48.1	46.3	43.8	38.9	34.7	31.8	29.4	26.9	85
90							45.6	44.1	42.4	41.4	37.2	33.2	30.5	28.2	25.6	90
95							42.1	40.4	38.9	38.5	35.1	31.8	29.1	27.0	24.3	95
100							38.9	37.2	35.7	35.3	32.9	30.4	27.8	25.9	23.0	100
110								32.0	33.0	29.9	29.2	27.9	25.7	24.1	20.8	110
120									29.1	25.5	25.9	25.0	23.7	22.2	18.9	120
130										23.5	23.4	22.2	21.1	20.7	17.2	130
140										20.3	21.2	19.2	18.9	18.4	15.7	140
150											18.7	17.1	16.7	16.7	14.2	150
160												15.8	15.3	15.3	13.1	160
170												14.4	14.0	13.8	12.0	170
180													12.9	12.1	10.9	180
190														10.4	9.5	190
200															8.6	200
210															7.7	210
* Special Conditions Or Wire Rope Required (¹) Over Rear Only With Swing Lock Engaged																

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.

103,616 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

Radius (ft)	Boom Length (ft)															Radius (ft)
	43.3 (¹)	43.3	57.1	70.9	84.6	98.4	111.9	125.7	139.4	153.2	167.0	180.4	194.2	208.0	223.1	
10	394.6*	381.0*	308.6*	308.6*	251.3*											10
12	362.9*	336.0*	308.6*	308.6*	247.5*	199.5										12
14	319.5*	299.4*	296.9*	295.7*	233.3	199.5										14
16	278.8*	269.2*	269.2*	266.9*	227.1	193.7	154.3									16
18	248.6*	244.7*	244.7*	242.5*	225.5	184.1	154.3	120.2								18
20	221.6	221.6	221.5	219.4	220.5	174.4	153.5	120.2	95.9							20
25	174.7	174.7	173.8	172.0	173.3	167.3	139.1	120.2	95.9	76.1						25
30	142.1	142.1	141.2	139.4	95.9	142.3	127.9	113.7	95.0	76.1	62.8	50.7				30
35			118.4	116.5	88.9	119.3	120.1	103.1	88.3	75.5	62.8	50.7	41.4			35
40			100.8	97.8	81.6	101.4	102.1	93.5	82.5	71.3	62.1	50.7	41.4	33.1	27.6	40
45			86.8	80.0	74.9	83.8	86.3	86.4	79.1	67.0	59.6	50.3	41.4	33.1	27.6	45
50				69.7	69.3	74.9	76.4	75.3	71.6	64.1	56.5	48.9	41.4	33.1	27.6	50
55				61.0	64.4	68.4	66.4	64.7	62.9	59.9	53.4	46.9	41.0	33.1	27.6	55
60				57.1	60.0	62.0	57.8	56.0	54.3	53.8	50.3	44.6	40.0	33.1	27.6	60
65					55.3	55.1	50.9	49.1	47.5	46.9	46.9	42.4	38.1	33.1	27.6	65
70					50.0	49.4	45.3	43.6	44.2	41.4	43.9	40.2	36.4	32.8	27.6	70
75						44.5	41.3	39.4	40.3	37.2	40.1	37.9	34.8	31.9	27.6	75
80						40.3	38.3	36.3	36.4	34.1	35.9	35.5	33.0	30.6	27.4	80
85						36.6	35.4	54.5	33.9	32.3	32.7	33.0	31.0	29.4	26.9	85
90							32.4	30.8	31.8	30.9	30.7	29.8	29.0	28.2	25.6	90
95							29.7	28.1	29.5	29.3	28.6	28.0	27.0	26.6	24.3	95
100							27.2	25.5	27.0	27.4	26.4	26.3	25.3	24.8	22.9	100
110								21.3	22.7	23.7	22.0	22.5	22.3	21.4	20.3	110
120									19.8	20.1	19.9	20.1	19.3	18.2	17.8	120
130										17.8	17.9	17.5	16.4	15.1	15.1	130
140										16.5	16.0	15.0	14.0	12.6	12.6	140
150											14.0	12.8	11.8	10.4	10.4	150
160												11.0	9.9	8.6	8.5	160
170												9.6	8.3	6.9	6.9	170
180													7.0	5.7	5.4	180
190														4.4	4.2	190
200															3.1	200
210															2.2	210

* Special Conditions Or Wire Rope Required
(¹) Over Rear Only With Swing Lock Engaged

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

77,161 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

Radius (ft)	Boom Length (ft)															Radius (ft)
	43.3 (1)	43.3	57.1	70.9	84.6	98.4	111.9	125.7	139.4	153.2	167.0	180.4	194.2	208.0	223.1	
10	394.0*	370.1*	308.6*	308.6*	251.3*											10
12	352.8*	326.1*	307.3*	306.6*	247.5*	199.5										12
14	303.0*	290.1*	289.5*	287.3*	233.3	199.5										14
16	265.0*	260.3*	259.2*	257.0*	227.1	193.7	154.3									16
18	235.8	234.2	233.2	231.1	219.4	184.1	154.3	120.2								18
20	209.3	209.3	208.5	206.5	208.0	174.4	153.5	120.2	95.9							20
25	164.1	164.1	163.3	161.4	162.7	158.0	139.1	120.2	95.9	76.1						25
30	134.1	134.1	132.9	131.0	129.5	125.9	123.4	113.0	95.0	76.1	62.8	50.7				30
35			110.8	107.9	107.1	102.6	101.2	95.9	88.3	75.5	62.8	50.7	41.4			35
40			87.8	85.1	86.9	89.3	90.1	84.7	79.7	71.1	62.1	50.7	41.4	33.1	27.6	40
45			72.1	69.9	74.9	75.5	79.0	73.0	68.6	65.2	59.6	50.3	41.4	33.1	27.6	45
50				64.8	67.3	66.9	67.8	62.0	59.3	57.7	55.1	48.9	41.4	33.1	27.6	50
55				58.7	59.4	58.8	58.1	52.8	52.1	50.2	49.7	46.7	41.0	33.1	27.6	55
60				51.3	51.6	51.1	50.4	45.7	47.6	43.5	43.6	43.6	40.0	33.1	27.6	60
65					45.7	45.1	44.2	41.5	43.9	38.6	39.3	38.5	38.1	33.1	27.6	65
70					40.9	40.2	39.3	37.5	39.2	36.4	35.5	35.5	36.4	32.8	27.6	70
75						36.0	35.2	33.5	35.0	33.9	31.6	32.7	33.5	31.0	27.6	75
80						32.3	31.6	29.8	31.4	31.2	29.4	30.2	29.8	28.4	27.0	80
85						29.5	28.4	26.6	28.2	28.8	27.9	27.7	27.7	26.6	25.0	85
90							25.1	23.8	25.6	26.5	26.2	25.2	25.7	24.4	22.4	90
95							24.2	22.5	24.3	24.7	24.5	23.4	23.4	22.2	20.0	95
100							23.3	21.5	23.0	23.2	22.9	21.8	21.2	20.0	18.1	100
110								19.7	20.5	20.1	19.5	18.4	17.3	16.0	15.6	110
120									17.8	17.0	16.4	15.4	14.2	12.9	12.9	120
130										14.4	13.7	12.7	11.5	10.3	10.2	130
140										12.3	11.6	10.6	9.3	8.2	8.1	140
150											9.6	8.8	7.5	6.3	5.9	150
160												7.2	6.0	4.5	4.5	160
170												5.6	4.5	3.2	3.0	170
180													3.5			180

* Special Conditions Or Wire Rope Required
(1) Over Rear Only With Swing Lock Engaged

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.

51,808 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

Radius (ft)	Boom Length (ft)															Radius (ft)
	43.3 (1)	43.3	57.1	70.9	84.6	98.4	111.9	125.7	139.4	153.2	167.0	180.4	194.2	208.0	223.1	
10	392.2*	359.1*	308.6*	308.6*	251.3*											10
12	334.8*	315.5*	303.8*	303.1*	247.5*	199.5										12
14	287.1*	280.2*	279.7*	276.9*	233.3	199.5										14
16	249.6*	248.8*	248.8*	246.3*	227.1	193.7	154.3									16
18	221.6	221.6	221.3	218.6	205.7	179.6	154.3	120.2								18
20	196.5	196.5	195.8	191.8	179.6	167.9	151.9	120.2	95.9							20
25	156.0	156.0	149.2	136.5	130.2	125.4	119.1	111.1	95.9	76.1						25
30	120.1	120.1	118.1	102.9	99.3	99.5	100.9	94.2	84.8	75.9	62.8	50.7				30
35			89.0	83.8	88.9	87.3	82.8	77.3	72.2	69.0	62.8	50.7	41.4			35
40			69.8	75.4	79.8	73.4	69.8	64.9	61.8	58.0	56.3	50.3	41.4	33.1	27.6	40
45			62.0	64.8	65.9	64.5	62.4	55.4	55.0	49.4	48.1	46.7	41.4	33.1	27.6	45
50				55.2	55.8	55.2	54.1	48.8	48.2	45.2	43.6	41.2	39.3	33.1	27.6	50
55				47.2	47.8	47.1	46.5	43.2	42.6	41.5	39.3	38.1	35.6	32.7	27.6	55
60				40.6	41.3	40.7	40.0	38.0	38.4	37.9	36.7	35.9	32.6	31.5	27.4	60
65					36.1	35.5	34.6	32.8	34.0	35.2	34.1	32.0	29.9	27.8	26.6	65
70					32.6	31.3	30.8	29.8	31.5	32.6	31.4	28.6	26.7	24.7	24.0	70
75						27.6	28.8	27.8	29.1	29.7	28.7	25.9	24.2	21.9	21.3	75
80						24.8	26.8	26.0	26.7	26.6	26.0	23.7	22.2	19.6	18.9	80
85						23.7	24.8	24.4	24.4	23.8	23.3	21.7	20.2	18.0	16.9	85
90							22.5	22.2	21.9	21.5	20.9	19.7	18.3	16.1	15.3	90
95							20.4	20.2	19.8	19.4	18.7	17.7	16.4	14.5	13.9	95
100							18.6	18.4	18.0	17.3	16.7	15.8	14.5	13.0	12.6	100
110								15.2	14.8	14.1	13.5	12.4	11.4	9.9	9.9	110
120									12.2	11.5	11.0	9.8	8.8	7.3	7.3	120
130										9.5	8.8	7.6	6.6	5.1	5.1	130
140										7.6	7.0	5.9	4.8	3.4	3.4	140
150											5.4	4.3	3.2			150
160												3.0				160

* Special Conditions Or Wire Rope Required
(1) Over Rear Only With Swing Lock Engaged

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.

26,455 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

Radius (ft)	Boom Length (ft)															Radius (ft)
	43.3 (1)	43.3	57.1	70.9	84.6	98.4	111.9	125.7	139.4	153.2	167.0	180.4	194.2	208.0	223.1	
10	377.4*	348.0*	308.6*	308.6*	251.3*											10
12	316.7*	304.4*	300.3*	299.6*	247.5*	199.5										12
14	271.1*	268.0*	267.5*	265.3*	233.3	199.5										14
16	235.0	233.9	233.9	228.0	208.0	184.7	154.3									16
18	208.1	207.5	205.4	192.1	177.7	159.4	143.4	120.2								18
20	183.9	183.7	178.6	159.3	149.3	141.7	129.4	118.6	95.9							20
25	133.4	133.4	126.4	112.2	107.1	107.8	104.5	93.7	87.4	76.1						25
30	92.7	92.7	91.2	90.1	94.7	89.1	83.9	77.9	72.0	68.5	62.2	50.7				30
35			72.9	76.9	78.3	72.4	68.3	63.1	62.7	55.1	53.3	50.3	41.4			35
40			58.7	61.3	60.2	59.8	56.5	52.1	52.1	49.5	47.6	43.2	40.8	33.1	27.6	40
45			46.9	49.6	50.0	49.3	48.3	45.7	45.3	45.3	41.7	38.5	36.0	33.1	27.6	45
50				41.0	41.6	41.0	40.2	39.8	41.3	41.8	39.6	34.9	32.0	30.5	27.6	50
55				34.3	36.5	34.3	36.5	36.2	36.8	37.0	35.9	32.3	30.2	27.4	25.9	55
60				29.0	31.2	31.5	32.3	32.2	32.0	31.6	31.1	29.7	27.8	24.7	22.7	60
65					27.0	27.6	28.1	27.9	27.7	27.2	26.8	25.6	24.4	22.1	20.6	65
70					23.7	24.2	24.8	24.5	24.3	23.7	23.3	22.2	20.9	19.2	18.4	70
75						21.2	21.9	21.6	21.3	20.7	20.3	19.1	17.9	16.3	16.1	75
80						18.6	19.2	19.0	18.6	18.1	17.7	16.4	15.3	13.8	13.7	80
85						16.4	16.9	16.7	16.4	15.6	15.1	14.2	12.9	11.6	11.4	85
90							15.0	14.8	14.6	13.7	13.3	12.2	11.1	9.7	9.5	90
95							13.4	13.1	12.8	12.1	11.5	10.5	9.3	8.0	7.9	95
100							11.9	11.5	11.3	10.6	10.0	9.0	7.8	6.4	6.4	100
110								9.1	8.6	8.1	7.5	6.5	5.3	3.7	3.7	110
120									6.8	6.0	5.4	4.2	3.4			120
130										4.4	3.6	2.6				130
140										2.9						140

* Special Conditions Or Wire Rope Required
(1) Over Rear Only With Swing Lock Engaged

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

0 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

Radius (ft)	Boom Length (ft)													Radius (ft)
	43.3 (¹)	43.3	57.1	70.9	84.6	98.4	111.9	125.7	139.4	153.2	167.0	180.4	194.2	
10	355.7*	334.9*	307.9*	307.7*	251.3*									10
12	298.0*	292.0*	290.9*	281.7*	237.7	195.3								12
14	253.0*	253.0*	247.8*	218.7	195.2	169.4								14
16	218.8	218.8	197.7	170.4	155.5	144.6	128.9							16
18	183.0	183.0	161.4	140.7	130.3	122.6	115.2	105.1						18
20	148.7	148.7	131.0	115.5	113.6	115.5	106.2	94.2	83.0					20
25	101.5	101.5	91.4	93.2	90.0	83.7	77.3	69.8	65.8	58.8				25
30	67.7	67.7	73.9	74.1	67.5	62.8	58.2	56.8	54.8	51.4	46.6	41.9		30
35			53.5	57.0	55.8	51.4	50.8	49.2	46.9	43.9	40.5	37.1	33.1	35
40			40.8	44.5	46.9	43.6	45.0	40.9	39.1	36.7	34.6	32.0	29.6	40
45			32.1	35.4	38.0	38.3	38.1	36.2	34.8	32.7	29.0	26.8	24.5	45
50				28.7	31.2	32.1	32.4	31.0	30.1	28.3	25.4	23.2	21.1	50
55				23.4	25.8	26.6	27.4	26.2	25.9	24.3	22.4	20.3	18.4	55
60				19.0	21.6	22.3	23.0	21.9	22.4	21.0	19.6	17.8	15.8	60
65					18.1	18.9	19.6	18.5	19.3	18.0	16.9	15.1	13.1	65
70					15.4	16.2	16.7	15.7	16.3	15.6	14.6	12.9	11.0	70
75						13.8	14.3	13.4	13.8	13.3	12.5	10.9	9.1	75
80						11.7	12.3	11.5	11.7	11.2	10.6	9.1	7.3	80
85						10.0	10.5	9.8	10.0	9.4	8.9	7.6	5.8	85
90							9.1	8.3	8.5	7.8	7.4	6.1		90
95							7.9	7.0	7.2	6.4	6.0	4.8		95
100							6.7	5.9	6.0	5.2	4.8	3.6		100
110								4.0	4.0	3.2				110

* Special Conditions Or Wire Rope Required
(¹) Over Rear Only With Swing Lock Engaged

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.

Fly Attachment Lift Capacity Charts – Optional

156,527 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Thousand Pounds)													
43.3 ft Main Boom Length				111.9 ft Main Boom Length			208.0 ft Main Boom Length			223.1 ft Main Boom Length			
Radius (ft)	17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	104.2												10
12	97.5	66.3											12
14	91.6	63.8											14
16	86.4	61.3											16
18	81.9	59.2	48.1										18
20	77.7	57.3	47.0	85.3									20
25	69.2	53.2	44.8	85.3									25
30	62.3	49.8	43.1	85.2	60.8	47.3							30
35	56.7	47.0	41.7	81.7	58.5	46.3							35
40	51.6	44.0	40.2	75.4	56.2	45.3							40
45	46.6	41.3		69.8	54.4	44.5							45
50	42.1			64.8	52.6	43.6	23.2			20.3			50
55				60.4	51.1	42.9	22.3	20.7	19.9	20.0	19.1		55
60				56.4	49.6	42.2	21.4	19.9	19.3	19.5	18.4	17.7	60
65				52.9	48.2	41.7	20.6	19.3	18.6	18.8	17.7	17.1	65
70				49.8	47.0	41.1	19.9	18.6	18.1	18.2	17.2	16.5	70
75				47.0	45.6	40.4	19.2	18.0	17.5	17.6	16.7	16.0	75
80				44.3	43.8	39.8	18.6	17.5	16.8	17.1	16.2	15.6	80
85				41.4	41.6	39.5	17.9	17.0	16.3	16.6	15.7	15.2	85
90				38.9	39.6	39.0	17.4	16.7	16.0	16.1	15.3	14.9	90
95				35.9	36.7	36.8	16.9	16.2	15.7	15.6	14.9	14.6	95
100				32.8	33.4	33.6	16.4	15.8	15.3	15.1	14.4	14.2	100
110				27.2	27.7		15.5	14.9	14.7	14.2	13.8	13.6	110
120				22.8			14.6	14.2	14.0	13.5	13.1	12.9	120
130							14.0	13.5	13.3	12.9	12.4	12.2	130
140							13.4	13.0	12.8	12.3	11.9	11.7	140
150							12.7	12.4	12.3	11.8	11.5	11.3	150
160							11.7	11.7	11.7	11.3	11.1	10.9	160
170							10.9	10.9	10.9	10.4	10.4	10.4	170
180							10.0	10.0		9.7	9.7	9.7	180
190							9.1	9.3		9.1	9.1	9.1	190
200							8.1	8.6		8.2	8.2		200
210							7.1			7.1	7.1		210
220										5.9			220

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

156,527 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

43.3 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	39.7															10
12	39.7			35.1												12
14	39.0			34.3			22.9									14
16	37.2			33.3			22.9									16
18	35.4			32.3			22.9			14.1						18
20	33.7			31.4			22.9			14.1			10.1			20
25	30.4	24.5		29.2			22.9			14.1			10.1			25
30	27.6	22.5		27.1			21.9			14.1			10.1			30
35	25.2	21.0		24.9			20.2			14.1			10.1			35
40	23.2	19.7	17.3	22.9	18.8		18.8			14.1			10.1			40
45	21.5	18.5	16.5	21.3	17.6		17.4			13.9			10.1			45
50	20.1	17.6	15.9	19.9	16.3		16.2			13.2			10.0			50
55	18.8	16.8	15.4	18.4	15.1	12.7	15.1	12.9		12.4			9.7			55
60	17.7	16.0	15.0	16.9	14.1	12.0	14.2	12.2		11.8			9.2			60
65	16.7	15.3	14.8	15.6	13.1	11.5	13.3	11.1		11.1			8.9			65
70	15.9	14.9		14.4	12.4	11.0	12.5	10.4		10.4			8.4			70
75	15.3	14.6		13.3	11.7	10.5	11.6	9.8		9.9	8.3		8.0			75
80				12.4	11.1	10.1	10.6	9.1		9.3	7.8		7.6	6.7		80
85				11.5	10.4	9.7	10.0	8.6	7.7	8.4	7.3		7.3	6.4		85
90				10.7	10.0		9.3	8.1	7.4	7.9	6.8		7.0	5.9		90
95							8.6	7.7	7.1	7.4	6.4		6.5	5.5		95
100							8.0	7.4	6.8	6.9	6.1		6.0	5.2		100
110							7.2	6.7	6.4	6.1	5.4	5.0	5.2	4.7		110
120										5.4	5.0	4.6	4.6	4.1	3.7	120
130										4.7	4.5	4.2	4.1	3.8	3.3	130
140													3.5	3.5	3.2	140
150													3.1	3.1	3.0	150

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.

156,527 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

111.9 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
20	39.3															20
25	36.8			28.9												25
30	34.6			28.8			19.6			12.6						30
35	32.4			28.0			19.6			12.6			9.0			35
40	30.7	22.4		27.0			19.6			12.6			9.0			40
45	29.0	21.4		25.8			19.4			12.6			9.0			45
50	27.4	20.5		24.6			18.9			12.6			9.0			50
55	26.1	19.7	16.5	23.5	17.7		18.1			12.6			9.0			55
60	24.9	19.1	16.0	22.5	17.1		17.3			12.6			9.0			60
65	23.7	18.4	15.7	21.5	16.4	12.8	16.6	12.6		12.6			9.0			65
70	22.7	17.9	15.4	20.5	15.9	12.5	15.9	12.1		12.1			9.0			70
75	21.8	17.4	15.1	19.7	15.4	12.2	15.3	11.7		11.7			8.8			75
80	21.0	16.9	14.9	19.0	14.9	11.8	14.6	11.4		11.4	9.0		8.6			80
85	20.1	16.6	14.6	18.1	14.4	11.5	13.9	11.0		11.0	8.6		8.4			85
90	19.4	16.1	14.4	17.4	13.9	11.1	13.4	10.7		10.5	8.3		8.1			90
95	18.8	15.7	14.2	16.9	13.4	10.9	12.9	10.4	8.3	10.2	8.1		7.7			95
100	18.1	15.3	14.1	16.3	12.8	10.7	12.5	10.0	8.1	9.8	7.8		7.4	6.1		100
110	16.9	14.8	13.9	15.1	12.0	10.2	11.6	9.4	7.5	9.1	7.3	5.8	7.1	5.8		110
120	16.1	14.3	13.9	13.9	11.3	9.9	10.9	8.7	7.2	8.5	6.7	5.4	6.6	5.4		120
130	15.3	13.9		12.7	10.6	9.5	10.0	8.0	6.9	8.0	6.2	5.1	6.2	4.9	4.0	130
140	14.9			11.7	10.1		9.2	7.6	6.7	7.3	5.9	4.9	5.9	4.6	3.7	140
150				10.8	9.7		8.4	7.2	6.5	6.7	5.5	4.8	5.4	4.2	3.4	150
160				9.9	9.4		7.8	6.7	6.4	6.0	5.2	4.6	4.9	3.9	3.3	160
170							7.1	6.4		5.5	4.9	4.4	4.4	3.8	3.1	170
180							6.6			5.2	4.5		4.1	3.4	3.1	180
190										4.8	4.3		3.8	3.2	3.0	190
200										4.3	4.1		3.5	3.0	2.8	200
210													3.3	2.9		210
220													3.0			220

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.

156,527 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

208.0 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly		Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
45	15.0														45
50	15.0			11.5											50
55	15.0			11.5			8.8								55
60	15.0			11.5			8.8			7.1					60
65	15.0	14.8		11.5			8.8			7.1			5.5		65
70	15.0	14.3		11.5			8.8			7.1			5.5		70
75	15.0	13.9		11.5	11.4		8.8			7.1			5.5		75
80	14.9	13.6	12.5	11.5	11.2		8.8			7.1			5.5		80
85	14.8	13.2	12.1	11.5	10.8		8.8	8.8		7.1			5.5		85
90	14.3	12.9	12.0	11.5	10.5		8.8	8.7		7.1			5.5		90
95	13.9	12.6	11.7	11.5	10.2		8.8	8.5		7.1			5.5		95
100	13.5	12.2	11.4	11.4	9.9	9.2	8.8	8.3		7.1	6.6		5.5		100
110	12.7	11.6	10.9	10.7	9.5	8.7	8.8	7.8	7.1	7.1	6.4		5.5	4.6	110
120	12.1	11.0	10.5	10.1	9.0	8.3	8.5	7.4	6.8	7.1	6.1		5.4	4.6	120
130	11.5	10.4	10.0	9.6	8.6	8.0	8.2	7.1	6.6	6.9	5.8	5.3	5.3	4.4	130
140	11.0	10.1	9.6	9.2	8.3	7.6	7.7	6.8	6.3	6.4	5.4	5.1	5.1	4.3	140
150	10.5	9.7	9.3	8.8	8.0	7.4	7.3	6.4	6.1	6.1	5.2	4.9	5.0	4.1	150
160	10.1	9.4	9.0	8.3	7.6	7.2	7.0	6.1	5.9	5.9	5.0	4.6	4.8	3.9	160
170	9.7	9.1	8.8	8.0	7.3	7.1	6.6	6.0	5.5	5.5	4.9	4.4	4.6	3.8	170
180	9.1	8.7	8.7	7.8	7.0	6.7	6.3	5.8	5.4	5.2	4.5	4.3	4.3	3.6	180
190	8.5	8.4	8.3	7.5	6.7	6.5	6.1	5.5	5.2	5.0	4.3	4.1	4.1	3.4	190
200	8.0	8.0	7.8	7.1	6.6	6.3	5.9	5.2	5.0	4.7	4.1	3.9	3.9	3.3	200
210	7.5	7.5		6.6	6.4	6.2	5.7	5.1	4.8	4.4	4.0	3.7	3.7	3.1	210
220	6.8	7.0		6.3	6.1	6.0	5.4	4.9	4.7	4.2	3.8	3.6	3.4	3.1	220
230	6.0	6.3		5.8	5.7		5.1	4.7	4.5	4.1	3.6	3.4	3.2	3.0	230
240				5.3	5.4		4.7	4.6	4.3	3.8	3.5	3.2	3.0	2.8	240
250				4.8	5.0		4.4	4.4		3.5	3.3	3.1	2.9		250
260							4.1	4.2		3.3	3.1	2.9			260
270							3.5	3.7		3.1	3.0				270
280							2.8	3.0		2.7	2.8				280

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.

156,527 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

223.1 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly	Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	
50	13.0													50
55	13.0			10.1										55
60	13.0			10.1										60
65	13.0	13.0		10.1			7.9			6.2				65
70	13.0	13.0		10.1			7.9			6.2			5.1	70
75	13.0	12.9		10.1			7.9			6.2			5.1	75
80	13.0	12.7	11.8	10.1	10.1		7.9			6.2			5.1	80
85	13.0	12.4	11.5	10.1	10.1		7.9			6.2			5.1	85
90	13.0	12.0	11.1	10.1	9.8		7.9			6.2			5.1	90
95	12.8	11.7	10.9	10.1	9.6		7.9	7.9		6.2			5.1	95
100	12.5	11.4	10.7	10.1	9.4	8.5	7.9	7.8		6.2			5.1	100
110	11.8	10.7	10.2	10.0	8.9	8.2	7.9	7.3		6.2	6.0		5.1	110
120	11.3	10.2	9.8	9.4	8.5	7.9	7.9	7.0	6.6	6.2	5.7		5.1	120
130	10.7	9.7	9.3	8.9	8.0	7.5	7.5	6.7	6.2	6.2	5.6		5.1	130
140	10.1	9.4	9.0	8.5	7.6	7.2	7.2	6.3	5.9	6.0	5.2		4.9	140
150	9.7	9.1	8.6	8.2	7.3	7.0	6.9	6.1	5.6	5.8	5.0	4.5	4.8	150
160	9.4	8.7	8.3	7.9	7.0	6.7	6.5	5.9	5.5	5.4	4.8	4.4	4.5	160
170	8.8	8.4	8.2	7.5	6.8	6.4	6.2	5.5	5.3	5.1	4.4	4.2	4.2	170
180	8.5	8.1	7.8	7.2	6.5	6.2	5.9	5.4	5.1	4.8	4.3	4.1	4.0	180
190	8.2	7.8	7.6	6.8	6.3	6.1	5.6	5.1	5.0	4.5	4.1	3.9	3.9	190
200	7.7	7.6	7.4	6.6	6.1	5.9	5.5	4.8	4.8	4.4	3.9	3.7	3.6	200
210	7.1	7.3	7.3	6.4	6.0	5.7	5.3	4.6	4.6	4.2	3.7	3.5	3.3	210
220	6.5	6.8		6.1	5.8	5.6	5.1	4.6	4.5	4.0	3.6	3.4	3.1	220
230	5.8	6.0		5.6	5.6	5.5	4.8	4.5	4.3	3.9	3.4	3.2	3.0	230
240	5.0	5.2		5.1	5.3		4.5	4.3	4.1	3.7	3.2	3.0	2.8	240
250	4.1	4.4		4.6	4.8		4.2	4.2	4.0	3.5	3.1	2.9		250
260				3.9	4.1		3.8	4.0		3.2	2.9			260
270								3.7						270
280								3.4						280

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.

103,616 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

43.3 ft Main Boom Length				111.9 ft Main Boom Length			208.0 ft Main Boom Length			223.1 ft Main Boom Length			
Radius (ft)	17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	104.2												10
12	97.5	66.3											12
14	91.6	63.8											14
16	86.4	61.3											16
18	81.9	59.2	48.1										18
20	77.7	57.3	47.0	85.3									20
25	69.2	53.2	44.8	85.3									25
30	62.3	49.8	43.1	85.2	60.8	47.3							30
35	56.7	47.0	41.7	81.7	58.5	46.3							35
40	51.6	44.0	40.2	75.4	56.2	45.3							40
45	46.6	41.3		69.8	54.4	44.5							45
50	42.1			64.8	52.6	43.6	23.2			20.3			50
55				58.4	51.1	42.9	22.3	20.7	19.9	20.0	19.1		55
60				50.8	49.1	42.2	21.4	19.9	19.3	19.5	18.4	17.7	60
65				44.0	45.2	41.7	20.6	19.3	18.6	18.8	17.7	17.1	65
70				38.5	39.9	39.5	19.9	18.6	18.1	18.2	17.2	16.5	70
75				33.8	35.7	36.6	19.2	18.0	17.5	17.6	16.7	16.0	75
80				29.8	32.6	33.5	18.6	17.5	16.8	17.1	16.2	15.6	80
85				26.2	29.7	30.6	17.9	17.0	16.3	16.6	15.7	15.2	85
90				24.1	26.4	27.1	17.4	16.7	16.0	16.1	15.3	14.9	90
95				22.2	23.4	23.9	16.9	16.2	15.7	15.6	14.9	14.6	95
100				20.2	20.9	20.9	16.4	15.8	15.3	15.1	14.4	14.2	100
110				15.8	16.2		15.5	14.9	14.7	14.2	13.8	13.6	110
120				12.4			14.6	14.2	14.0	13.5	13.1	12.9	120
130							13.6	13.5	13.3	12.9	12.4	12.2	130
140							11.2	11.5	11.8	11.2	11.6	11.5	140
150							9.1	9.4	9.8	9.3	10.1	10.1	150
160							7.3	7.6	7.8	7.5	8.1	8.2	160
170							5.6	6.3	6.3	5.8	6.3	6.5	170
180							4.4	4.8		4.6	4.9	5.0	180
190										3.5	3.6	3.5	190

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.

103,616 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

43.3 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	39.7															10
12	39.7			35.1												12
14	39.0			34.3			22.9									14
16	37.2			33.3			22.9									16
18	35.4			32.3			22.9			14.1						18
20	33.7			31.4			22.9			14.1			10.1			20
25	30.4	24.5		29.2			22.9			14.1			10.1			25
30	27.6	22.5		27.1			21.9			14.1			10.1			30
35	25.2	21.0		24.9			20.2			14.1			10.1			35
40	23.2	19.7	17.3	22.9	18.8		18.8			14.1			10.1			40
45	21.5	18.5	16.5	21.3	17.6		17.4			13.9			10.1			45
50	20.1	17.6	15.9	19.9	16.3		16.2			13.2			10.0			50
55	18.8	16.8	15.4	18.4	15.1	12.7	15.1	12.9		12.4			9.7			55
60	17.7	16.0	15.0	16.9	14.1	12.0	14.2	12.2		11.8			9.2			60
65	16.7	15.3	14.8	15.6	13.1	11.5	13.3	11.1		11.1			8.9			65
70	15.9	14.9		14.4	12.4	11.0	12.5	10.4		10.4			8.4			70
75	15.3	14.6		13.3	11.7	10.5	11.6	9.8		9.9	8.3		8.0			75
80				12.4	11.1	10.1	10.6	9.1		9.3	7.8		7.6	6.7		80
85				11.5	10.4	9.7	10.0	8.6	7.7	8.4	7.3		7.3	6.4		85
90				10.7	10.0		9.3	8.1	7.4	7.9	6.8		7.0	5.9		90
95							8.6	7.7	7.1	7.4	6.4		6.5	5.5		95
100							8.0	7.4	6.8	6.9	6.1		6.0	5.2		100
110							7.2	6.7	6.4	6.1	5.4	5.0	5.2	4.7		110
120										5.4	5.0	4.6	4.6	4.1	3.7	120
130										4.7	4.5	4.2	4.1	3.8	3.3	130
140													3.5	3.5	3.2	140
150													3.1	3.1	3.0	150

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.

103,616 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

111.9 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
20	39.3															20
25	36.8			28.9												25
30	34.6			28.8			19.6			12.6						30
35	32.4			28.0			19.6			12.6			9.0			35
40	30.7	22.4		27.0			19.6			12.6			9.0			40
45	29.0	21.4		25.8			19.4			12.6			9.0			45
50	27.4	20.5		24.6			18.9			12.6			9.0			50
55	26.1	19.7	16.5	23.5	17.7		18.1			12.6			9.0			55
60	24.9	19.1	16.0	22.5	17.1		17.3			12.6			9.0			60
65	23.7	18.4	15.7	21.5	16.4	12.8	16.6	12.6		12.6			9.0			65
70	22.7	17.9	15.4	20.5	15.9	12.5	15.9	12.1		12.1			9.0			70
75	21.8	17.4	15.1	19.7	15.4	12.2	15.3	11.7		11.7			8.8			75
80	21.0	16.9	14.9	19.0	14.9	11.8	14.6	11.4		11.4	9.0		8.6			80
85	20.1	16.6	14.6	18.1	14.4	11.5	13.9	11.0		11.0	8.6		8.4			85
90	19.4	16.1	14.4	17.4	13.9	11.1	13.4	10.7		10.5	8.3		8.1			90
95	18.8	15.7	14.2	16.9	13.4	10.9	12.9	10.4	8.3	10.2	8.1		7.7			95
100	18.1	15.3	14.1	16.3	12.8	10.7	12.5	10.0	8.1	9.8	7.8		7.4	6.1		100
110	16.9	14.8	13.9	15.1	12.0	10.2	11.6	9.4	7.5	9.1	7.3	5.8	7.1	5.8		110
120	15.7	14.3	13.9	13.9	11.3	9.9	10.9	8.7	7.2	8.5	6.7	5.4	6.6	5.4		120
130	12.9	13.8		12.7	10.6	9.5	10.0	8.0	6.9	8.0	6.2	5.1	6.2	4.9	4.0	130
140	10.5			11.5	10.1		9.2	7.6	6.7	7.3	5.9	4.9	5.9	4.6	3.7	140
150				10.0	9.6		8.4	7.2	6.5	6.7	5.5	4.8	5.4	4.2	3.4	150
160				8.1	9.1		7.8	6.7	6.4	6.0	5.2	4.6	4.9	3.9	3.3	160
170							7.1	6.4		5.5	4.9	4.4	4.4	3.8	3.1	170
180							5.9			5.2	4.5		4.1	3.4	3.1	180
190										4.8	4.3		3.8	3.2	3.0	190
200										4.3	4.1		3.5	3.0	2.8	200
210													3.3	2.9		210
220													3.0			220

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.

103,616 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

208.0 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly		Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
45	15.0														45
50	15.0			11.5											50
55	15.0			11.5			8.8								55
60	15.0			11.5			8.8			7.1					60
65	15.0	14.8		11.5			8.8			7.1			5.5		65
70	15.0	14.3		11.5			8.8			7.1			5.5		70
75	15.0	13.9		11.5	11.4		8.8			7.1			5.5		75
80	14.9	13.6	12.5	11.5	11.2		8.8			7.1			5.5		80
85	14.8	13.2	12.1	11.5	10.8		8.8	8.8		7.1			5.5		85
90	14.3	12.9	12.0	11.5	10.5		8.8	8.7		7.1			5.5		90
95	13.9	12.6	11.7	11.5	10.2		8.8	8.5		7.1			5.5		95
100	13.5	12.2	11.4	11.4	9.9	9.2	8.8	8.3		7.1	6.6		5.5		100
110	12.7	11.6	10.9	10.7	9.5	8.7	8.8	7.8	7.1	7.1	6.4		5.5	4.6	110
120	12.1	11.0	10.5	10.1	9.0	8.3	8.5	7.4	6.8	7.1	6.1		5.5	4.6	120
130	11.5	10.4	10.0	9.6	8.6	8.0	8.2	7.1	6.6	7.1	5.8	5.3	5.4	4.4	130
140	11.0	10.1	9.6	9.2	8.3	7.6	7.7	6.8	6.3	6.9	5.4	5.1	5.3	4.3	140
150	10.2	9.7	9.3	8.8	8.0	7.4	7.3	6.4	6.1	6.4	5.2	4.9	5.1	4.1	150
160	9.1	9.2	9.0	8.3	7.6	7.2	7.0	6.1	5.9	6.1	5.0	4.6	5.0	3.9	160
170	7.4	8.2	8.8	7.7	7.3	7.1	6.6	6.0	5.5	5.9	4.9	4.4	4.8	3.8	170
180	6.0	6.9	7.4	6.3	7.0	6.7	6.3	5.8	5.4	5.5	4.5	4.3	4.6	3.6	180
190	4.8	5.6	6.0	5.1	6.1	6.4	5.5	5.5	5.2	5.2	4.3	4.1	4.3	3.4	190
200	3.6	4.3	4.6	4.0	5.0	5.7	4.6	5.2	5.0	5.0	4.1	3.9	4.1	3.3	200
210		3.1		2.9	4.0	4.4	3.7	4.8	4.8	4.6	4.0	3.7	3.9	3.1	210
220					3.0	3.2	2.9	3.7	4.3	3.7	3.8	3.6	3.7	3.1	220
230												3.4		3.0	230

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.

103,616 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

223.1 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly	Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	
50	13.0													50
55	13.0			10.1										55
60	13.0			10.1										60
65	13.0	13.0		10.1			7.9			6.2				65
70	13.0	13.0		10.1			7.9			6.2			5.1	70
75	13.0	12.9		10.1			7.9			6.2			5.1	75
80	13.0	12.7	11.8	10.1	10.1		7.9			6.2			5.1	80
85	13.0	12.4	11.5	10.1	10.1		7.9			6.2			5.1	85
90	13.0	12.0	11.1	10.1	9.8		7.9			6.2			5.1	90
95	12.8	11.7	10.9	10.1	9.6		7.9	7.9		6.2			5.1	95
100	12.5	11.4	10.7	10.1	9.4	8.5	7.9	7.8		6.2			5.1	100
110	11.8	10.7	10.2	10.0	8.9	8.2	7.9	7.3		6.2	6.0		5.1	110
120	11.3	10.2	9.8	9.4	8.5	7.9	7.9	7.0	6.6	6.2	5.7		5.1	120
130	10.7	9.7	9.3	8.9	8.0	7.5	7.5	6.7	6.2	6.2	5.6		5.1	130
140	10.1	9.4	9.0	8.5	7.6	7.2	7.2	6.3	5.9	6.0	5.2		4.9	140
150	9.6	9.1	8.6	8.2	7.3	7.0	6.9	6.1	5.6	5.8	5.0	4.5	4.8	150
160	8.8	8.6	8.3	7.9	7.0	6.7	6.5	5.9	5.5	5.4	4.8	4.4	4.5	160
170	7.2	8.0	8.2	7.5	6.8	6.4	6.2	5.5	5.3	5.1	4.4	4.2	4.2	170
180	5.8	6.7	7.2	6.5	6.5	6.2	5.9	5.4	5.1	4.8	4.3	4.1	4.0	180
190	4.6	5.3	5.9	5.3	6.0	6.1	5.2	5.1	5.0	4.5	4.1	3.9	3.9	190
200	3.4	4.0	4.5	4.0	5.1	5.6	4.3	4.8	4.8	4.1	3.9	3.7	3.6	200
210		2.9	3.3	2.9	4.0	4.6	3.3	4.6	4.6	3.3	3.7	3.5	3.3	210
220						3.5		3.6	4.3		3.6	3.4		220
230												3.2		230

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.

77,161 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

43.3 ft Main Boom Length				111.9 ft Main Boom Length			208.0 ft Main Boom Length			223.1 ft Main Boom Length			
Radius (ft)	17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	104.2												10
12	97.5	66.3											12
14	91.6	63.8											14
16	86.4	61.3											16
18	81.9	59.2	48.1										18
20	77.7	57.3	47.0	85.3									20
25	69.2	53.2	44.8	85.3									25
30	62.3	49.8	43.1	85.2	60.8	47.3							30
35	56.7	47.0	41.7	81.7	58.5	46.3							35
40	51.6	44.0	40.2	74.9	56.2	45.3							40
45	46.6	41.3		66.0	54.4	44.5							45
50	42.1			56.3	52.6	43.6	23.2			20.3			50
55				47.6	48.5	42.9	22.3	20.7	19.9	20.0	19.1		55
60				40.3	42.1	41.5	21.4	19.9	19.3	19.5	18.4	17.7	60
65				34.5	36.2	37.1	20.6	19.3	18.6	18.8	17.7	17.1	65
70				29.8	31.4	32.2	19.9	18.6	18.1	18.2	17.2	16.5	70
75				25.8	27.1	28.4	19.2	18.0	17.5	17.6	16.7	16.0	75
80				22.4	23.4	25.5	18.6	17.5	16.8	17.1	16.2	15.6	80
85				19.4	20.3	22.4	17.9	17.0	16.3	16.6	15.7	15.2	85
90				16.8	18.3	19.7	17.4	16.7	16.0	16.1	15.3	14.9	90
95				14.8	16.4	17.2	16.9	16.2	15.7	15.6	14.9	14.6	95
100				13.2	14.4	14.6	16.4	15.8	15.3	15.1	14.4	14.2	100
110				10.2	10.5		14.5	14.9	14.7	14.2	13.8	13.6	110
120				7.1			11.6	12.3	12.9	11.8	12.5	12.6	120
130							8.9	9.6	9.9	9.3	10.0	10.3	130
140							6.7	7.3	7.7	7.3	7.8	8.0	140
150							4.9	5.4	5.8	5.4	5.8	6.0	150
160							3.4	3.8	3.9	3.8	3.9	4.2	160

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.

77,161 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

43.3 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	39.7															10
12	39.7			35.1												12
14	39.0			34.3			22.9									14
16	37.2			33.3			22.9									16
18	35.4			32.3			22.9			14.1						18
20	33.7			31.4			22.9			14.1			10.1			20
25	30.4	24.5		29.2			22.9			14.1			10.1			25
30	27.6	22.5		27.1			21.9			14.1			10.1			30
35	25.2	21.0		24.9			20.2			14.1			10.1			35
40	23.2	19.7	17.3	22.9	18.8		18.8			14.1			10.1			40
45	21.5	18.5	16.5	21.3	17.6		17.4			13.9			10.1			45
50	20.1	17.6	15.9	19.9	16.3		16.2			13.2			10.0			50
55	18.8	16.8	15.4	18.4	15.1	12.7	15.1	12.9		12.4			9.7			55
60	17.7	16.0	15.0	16.9	14.1	12.0	14.2	12.2		11.8			9.2			60
65	16.7	15.3	14.8	15.6	13.1	11.5	13.3	11.1		11.1			8.9			65
70	15.9	14.9		14.4	12.4	11.0	12.5	10.4		10.4			8.4			70
75	15.3	14.6		13.3	11.7	10.5	11.6	9.8		9.9	8.3		8.0			75
80				12.4	11.1	10.1	10.6	9.1		9.3	7.8		7.6	6.7		80
85				11.5	10.4	9.7	10.0	8.6	7.7	8.4	7.3		7.3	6.4		85
90				10.7	10.0		9.3	8.1	7.4	7.9	6.8		7.0	5.9		90
95							8.6	7.7	7.1	7.4	6.4		6.5	5.5		95
100							8.0	7.4	6.8	6.9	6.1		6.0	5.2		100
110							7.2	6.7	6.4	6.1	5.4	5.0	5.2	4.7		110
120										5.4	5.0	4.6	4.6	4.1	3.7	120
130										4.7	4.5	4.2	4.1	3.8	3.3	130
140													3.5	3.5	3.2	140
150													3.1	3.1	3.0	150

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.

77,161 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

111.9 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
20	39.3															20
25	36.8			28.9												25
30	34.6			28.8			19.6			12.6						30
35	32.4			28.0			19.6			12.6			9.0			35
40	30.7	22.4		27.0			19.6			12.6			9.0			40
45	29.0	21.4		25.8			19.4			12.6			9.0			45
50	27.4	20.5		24.6			18.9			12.6			9.0			50
55	26.1	19.7	16.5	23.5	17.7		18.1			12.6			9.0			55
60	24.9	19.1	16.0	22.5	17.1		17.3			12.6			9.0			60
65	23.7	18.4	15.7	21.5	16.4	12.8	16.6	12.6		12.6			9.0			65
70	22.7	17.9	15.4	20.5	15.9	12.5	15.9	12.1		12.1			9.0			70
75	21.8	17.4	15.1	19.7	15.4	12.2	15.3	11.7		11.7			8.8			75
80	21.0	16.9	14.9	19.0	14.9	11.8	14.6	11.4		11.4	9.0		8.6			80
85	20.1	16.6	14.6	18.1	14.4	11.5	13.9	11.0		11.0	8.6		8.4			85
90	19.4	16.1	14.4	17.4	13.9	11.1	13.4	10.7		10.5	8.3		8.1			90
95	18.8	15.7	14.2	16.9	13.4	10.9	12.9	10.4	8.3	10.2	8.1		7.7			95
100	17.6	15.3	14.1	16.3	12.8	10.7	12.5	10.0	8.1	9.8	7.8		7.4	6.1		100
110	13.6	14.8	13.9	15.0	12.0	10.2	11.6	9.4	7.5	9.1	7.3	5.8	7.1	5.8		110
120	10.7	12.0	13.3	12.1	11.3	9.9	10.9	8.7	7.2	8.5	6.7	5.4	6.6	5.4		120
130	8.0	9.1		9.6	10.6	9.5	10.0	8.0	6.9	8.0	6.2	5.1	6.2	4.9	4.0	130
140	5.9			7.5	8.8		8.6	7.6	6.7	7.3	5.9	4.9	5.9	4.6	3.7	140
150				5.7	6.8		7.0	7.2	6.5	6.7	5.5	4.8	5.4	4.2	3.4	150
160				4.0	4.8		5.4	6.5	6.4	5.9	5.2	4.6	4.9	3.9	3.3	160
170							4.0	4.9		4.7	4.9	4.4	4.4	3.8	3.1	170
180										3.4	4.5		3.9	3.4	3.1	180
190											4.2			3.2	3.0	190
200											3.9			3.0	2.8	200

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.

77,161 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

208.0 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly		Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	
45	15.0														45
50	15.0			11.5											50
55	15.0			11.5			8.8								55
60	15.0			11.5			8.8			7.1					60
65	15.0	14.8		11.5			8.8			7.1			5.5		65
70	15.0	14.3		11.5			8.8			7.1			5.5		70
75	15.0	13.9		11.5	11.4		8.8			7.1			5.5		75
80	14.9	13.6	12.5	11.5	11.2		8.8			7.1			5.5		80
85	14.8	13.2	12.1	11.5	10.8		8.8	8.8		7.1			5.5		85
90	14.3	12.9	12.0	11.5	10.5		8.8	8.7		7.1			5.5		90
95	13.9	12.6	11.7	11.5	10.2		8.8	8.5		7.1			5.5		95
100	13.5	12.2	11.4	11.4	9.9	9.2	8.8	8.3		7.1	6.6		5.5		100
110	12.7	11.6	10.9	10.7	9.5	8.7	8.8	7.8	7.1	7.1	6.4		5.5	4.6	110
120	12.1	11.0	10.5	10.1	9.0	8.3	8.5	7.4	6.8	7.1	6.1		5.4	4.6	120
130	10.8	10.4	10.0	9.6	8.6	8.0	8.2	7.1	6.6	6.9	5.8	5.3	5.3	4.4	130
140	8.7	9.6	9.6	8.6	8.3	7.6	7.7	6.8	6.3	6.4	5.4	5.1	5.1	4.3	140
150	6.8	8.2	8.6	7.3	8.0	7.4	7.2	6.4	6.1	6.1	5.2	4.9	5.0	4.1	150
160	5.2	6.4	7.1	5.8	7.3	7.2	6.5	6.1	5.9	5.7	5.0	4.6	4.8	3.9	160
170	3.8	4.7	5.4	4.3	5.6	6.9	4.9	6.0	5.5	4.9	4.9	4.4	4.6	3.8	170
180		3.4	3.9	2.8	4.4	5.3	3.6	5.2	5.4	3.7	4.5	4.3	3.7	3.6	180
190					3.2	3.8		4.1	4.9	2.6	4.2	4.1	2.7	3.4	190
200								2.9	4.0			3.9		3.2	200
210									2.9			3.7		2.9	210

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

77,161 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

223.1 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly	Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	
50	13.0													50
55	13.0			10.1										55
60	13.0			10.1										60
65	13.0	13.0		10.1			7.9			6.2				65
70	13.0	13.0		10.1			7.9			6.2			5.1	70
75	13.0	12.9		10.1			7.9			6.2			5.1	75
80	13.0	12.7	11.8	10.1	10.1		7.9			6.2			5.1	80
85	13.0	12.4	11.5	10.1	10.1		7.9			6.2			5.1	85
90	13.0	12.0	11.1	10.1	9.8		7.9			6.2			5.1	90
95	12.8	11.7	10.9	10.1	9.6		7.9	7.9		6.2			5.1	95
100	12.5	11.4	10.7	10.1	9.4	8.5	7.9	7.8		6.2			5.1	100
110	11.8	10.7	10.2	10.0	8.9	8.2	7.9	7.3		6.2	6.0		5.1	110
120	11.3	10.2	9.8	9.4	8.5	7.9	7.9	7.0	6.6	6.2	5.7		5.1	120
130	10.5	9.7	9.3	8.9	8.0	7.5	7.5	6.7	6.2	6.2	5.6		5.1	130
140	8.4	9.3	9.0	8.5	7.6	7.2	7.2	6.3	5.9	6.0	5.2		4.9	140
150	6.5	8.0	8.2	7.4	7.3	7.0	6.8	6.1	5.6	5.8	5.0	4.5	4.8	150
160	4.9	6.2	7.1	5.8	6.8	6.7	6.0	5.9	5.5	5.3	4.8	4.4	4.5	160
170	3.4	4.7	5.4	4.3	5.8	6.4	4.5	5.5	5.3	4.7	4.4	4.2	4.2	170
180		3.4	3.9		4.5	5.3	3.3	4.9	5.1	3.4	4.3	4.1	3.4	180
190					3.1	4.0		3.9	4.8		4.0	3.9	2.6	190
200						2.7		2.7	4.0			3.7		200
210									2.9			3.5		210

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.

51,808 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

43.3 ft Main Boom Length				111.9 ft Main Boom Length			208.0 ft Main Boom Length			223.1 ft Main Boom Length			
Radius (ft)	17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			17.7 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	104.2												10
12	97.5	66.3											12
14	91.6	63.8											14
16	86.4	61.3											16
18	81.9	59.2	48.1										18
20	77.7	57.3	47.0	85.3									20
25	69.2	53.2	44.8	85.3									25
30	62.3	49.8	43.1	84.7	60.8	47.3							30
35	56.7	47.0	41.7	74.5	58.5	46.3							35
40	51.6	44.0	40.2	62.0	56.1	45.3							40
45	46.6	41.3		52.3	53.6	44.5							45
50	42.1			45.7	48.3	43.6	23.2			20.3			50
55				39.5	41.9	41.0	22.3	20.7	19.9	20.0	19.1		55
60				33.1	35.1	36.4	21.4	19.9	19.3	19.5	18.4	17.7	60
65				27.6	29.4	30.5	20.6	19.3	18.6	18.8	17.7	17.1	65
70				23.2	24.7	25.8	19.9	18.6	18.1	18.2	17.2	16.5	70
75				19.4	20.6	21.7	19.2	18.0	17.5	17.6	16.7	16.0	75
80				16.0	17.2	18.2	18.6	17.5	16.8	17.1	16.2	15.6	80
85				13.2	14.5	15.0	17.9	17.0	16.3	16.6	15.7	15.2	85
90				11.0	12.0	12.4	15.8	16.3	16.0	15.7	15.3	14.9	90
95				8.9	9.7	10.1	13.7	14.8	14.9	14.2	14.4	14.6	95
100				7.0	7.7	7.9	11.8	12.9	13.3	12.2	13.0	13.7	100
110				4.1	4.5		8.6	9.5	9.9	9.0	9.8	10.4	110
120							6.1	6.6	7.1	6.4	7.1	7.6	120
130							4.0	4.4	4.9	4.2	4.9	5.4	130

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.

51,808 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

43.3 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
10	39.7															10
12	39.7			35.1												12
14	39.0			34.3			22.9									14
16	37.2			33.3			22.9									16
18	35.4			32.3			22.9			14.1						18
20	33.7			31.4			22.9			14.1			10.1			20
25	30.4	24.5		29.2			22.9			14.1			10.1			25
30	27.6	22.5		27.1			21.9			14.1			10.1			30
35	25.2	21.0		24.9			20.2			14.1			10.1			35
40	23.2	19.7	17.3	22.9	18.8		18.8			14.1			10.1			40
45	21.5	18.5	16.5	21.3	17.6		17.4			13.9			10.1			45
50	20.1	17.6	15.9	19.9	16.3		16.2			13.2			10.0			50
55	18.8	16.8	15.4	18.4	15.1	12.7	15.1	12.9		12.4			9.7			55
60	17.7	16.0	15.0	16.9	14.1	12.0	14.2	12.2		11.8			9.2			60
65	16.7	15.3	14.8	15.6	13.1	11.5	13.3	11.1		11.1			8.9			65
70	15.9	14.9		14.4	12.4	11.0	12.5	10.4		10.4			8.4			70
75	15.3	14.6		13.3	11.7	10.5	11.6	9.8		9.9	8.3		8.0			75
80				12.4	11.1	10.1	10.6	9.1		9.3	7.8		7.6	6.7		80
85				11.5	10.4	9.7	10.0	8.6	7.7	8.4	7.3		7.3	6.4		85
90				10.7	10.0		9.3	8.1	7.4	7.9	6.8		7.0	5.9		90
95							8.6	7.7	7.1	7.4	6.4		6.5	5.5		95
100							8.0	7.4	6.8	6.9	6.1		6.0	5.2		100
110							7.2	6.7	6.4	6.1	5.4	5.0	5.2	4.7		110
120										5.4	5.0	4.6	4.6	4.1	3.7	120
130										4.7	4.5	4.2	4.1	3.8	3.3	130
140													3.5	3.5	3.2	140
150													3.1	3.1	3.0	150

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.

51,808 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

111.9 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly			122.0 ft Offset Fly			Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	40°	
20	39.3															20
25	36.8			28.9												25
30	34.6			28.8			19.6			12.6						30
35	32.4			28.0			19.6			12.6			9.0			35
40	30.7	22.4		27.0			19.6			12.6			9.0			40
45	29.0	21.4		25.8			19.4			12.6			9.0			45
50	27.4	20.5		24.6			18.9			12.6			9.0			50
55	26.1	19.7	16.5	23.5	17.7		18.1			12.6			9.0			55
60	24.9	19.1	16.0	22.5	17.1		17.3			12.6			9.0			60
65	23.7	18.4	15.7	21.5	16.4	12.8	16.6	12.6		12.6			9.0			65
70	22.7	17.9	15.4	20.5	15.9	12.5	15.9	12.1		12.1			9.0			70
75	21.6	17.4	15.1	19.7	15.4	12.2	15.3	11.7		11.7			8.8			75
80	20.0	16.9	14.9	19.0	14.9	11.8	14.6	11.4		11.4	9.0		8.6			80
85	17.1	16.6	14.6	18.1	14.4	11.5	13.9	11.0		11.0	8.6		8.4			85
90	14.8	16.1	14.4	16.2	13.9	11.1	13.4	10.7		10.5	8.3		8.1			90
95	12.6	14.8	14.2	14.3	13.4	10.9	12.9	10.4	8.3	10.2	8.1		7.7			95
100	10.7	13.1	13.7	12.4	12.8	10.7	12.5	10.0	8.1	9.8	7.8		7.4	6.1		100
110	7.5	9.6	10.5	9.2	11.7	10.2	10.8	9.4	7.5	9.1	7.3	5.8	7.1	5.8		110
120	5.1	6.5	7.1	6.6	9.0	9.7	8.3	8.7	7.2	8.4	6.7	5.4	6.6	5.4		120
130	3.1	4.0		4.6	6.5	7.8	6.0	8.0	6.9	6.9	6.2	5.1	6.2	4.9	4.0	130
140					4.3		4.1	6.3	6.7	5.1	5.9	4.9	5.4	4.6	3.7	140
150								4.5	5.7	3.5	5.3	4.8	4.2	4.2	3.4	150
160								2.6	4.0		4.4	4.5	2.7	3.9	3.3	160
170												4.0		3.8	3.1	170
180															3.1	180

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

51,808 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

208.0 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly		122.0 ft Offset Fly	Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	20°	0°	
45	15.0												45
50	15.0			11.5									50
55	15.0			11.5			8.8						55
60	15.0			11.5			8.8			7.1			60
65	15.0	14.8		11.5			8.8			7.1		5.5	65
70	15.0	14.3		11.5			8.8			7.1		5.5	70
75	15.0	13.9		11.5	11.4		8.8			7.1		5.5	75
80	14.9	13.6	12.5	11.5	11.2		8.8			7.1		5.5	80
85	14.8	13.2	12.1	11.5	10.8		8.8	8.8		7.1		5.5	85
90	14.3	12.9	12.0	11.5	10.5		8.8	8.7		7.1		5.5	90
95	13.9	12.6	11.7	11.5	10.2		8.8	8.5		7.1		5.5	95
100	13.3	12.2	11.4	11.4	9.9	9.2	8.8	8.3		7.1	6.6	5.5	100
110	10.6	11.6	10.9	10.7	9.5	8.7	8.8	7.8	7.1	7.1	6.4	5.5	110
120	8.2	9.9	10.4	8.6	9.0	8.3	8.5	7.4	6.8	7.1	6.1	5.4	120
130	5.8	7.6	8.8	6.4	8.3	8.0	7.1	7.1	6.6	6.9	5.8	5.3	130
140	4.0	5.5	6.7	4.7	6.5	7.5	5.4	6.8	6.3	5.4	5.4	5.0	140
150		3.5	4.7	3.0	4.9	6.2		5.9	6.1	3.8	5.2	4.0	150
160			2.8		3.4	4.5		4.5	5.7		4.8		160
170						3.0		3.2	4.7		3.8		170
180									3.4				180

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51,808 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Thousand Pounds)

223.1 ft Main Boom Length

Radius (ft)	43.3 ft Offset Fly			63.0 ft Offset Fly			82.7 ft Offset Fly			102.4 ft Offset Fly	122.0 ft Offset Fly	Radius (ft)
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	0°	
50	13.0											50
55	13.0			10.1								55
60	13.0			10.1								60
65	13.0	13.0		10.1			7.9			6.2		65
70	13.0	13.0		10.1			7.9			6.2	5.1	70
75	13.0	12.9		10.1			7.9			6.2	5.1	75
80	13.0	12.7	11.8	10.1	10.1		7.9			6.2	5.1	80
85	13.0	12.4	11.5	10.1	10.1		7.9			6.2	5.1	85
90	13.0	12.0	11.1	10.1	9.8		7.9			6.2	5.1	90
95	12.8	11.7	10.9	10.1	9.6		7.9	7.9		6.2	5.1	95
100	12.4	11.4	10.7	10.1	9.4	8.5	7.9	7.8		6.2	5.1	100
110	10.4	10.7	10.2	10.0	8.9	8.2	7.9	7.3		6.2	5.1	110
120	7.8	9.7	9.8	8.8	8.5	7.9	7.9	7.0	6.6	6.2	5.1	120
130	5.6	7.3	8.4	6.6	8.0	7.5	6.8	6.7	6.2	6.2	5.1	130
140	3.8	5.4	6.4	4.8	6.8	7.2	5.0	6.3	5.9	5.0	4.8	140
150		3.6	4.6	2.9	5.2	6.2	3.1	5.5	5.6	3.7	4.4	150
160			2.9		3.5	4.7		4.3	5.3			160
170						3.2		2.9	4.5			170

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.