

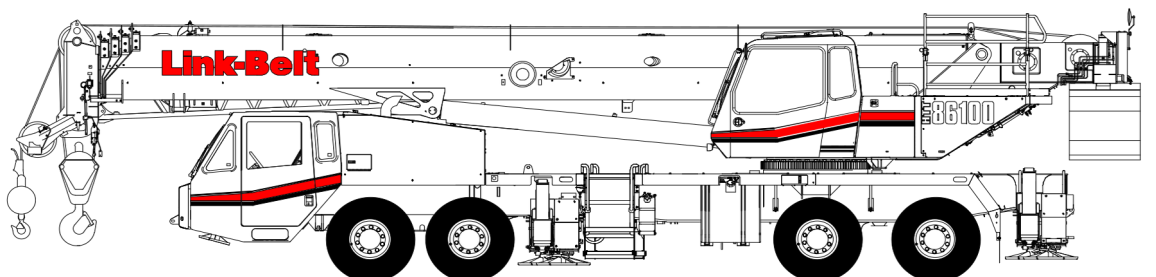
Technical Data

5703 (supersedes 5683)-0115-N3TT

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86100

Telescopic Boom Truck Terrain Crane
100 US ton
85 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.



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HTT-86100

Link-Belt Cranes

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Boom, Attachments, and Upper Structure

Boom

Design -Five section, formed construction of extra high tensile steel consisting of one base section and four 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 integrated holding valves.

Boom

38-140 ft (11.6-42.7m) five section boom

Integral boom dolly connection

Five boom extend modes (EM1 through EM5), controlled from the operator's cab, provide superior capacities by varying the extenders 140.0 ft (42.7m).

EM1 extends to 127.3 ft (38.8m)

EM2 extends to 127.3 ft (38.8m)

EM3 extends to 115.8 ft (35.3m)

EM4 extends to 102.0 ft (31.1m)

EM5 extends to 76.5 ft (23.3m)

Mechanical boom angle indicator

Maximum tip height (45.1m) each extend mode is:

EM1 is 148 ft (45.1m)

EM2 is 135 ft (41.1m)

EM3 is 124 ft (37.8m)

EM4 is 110 ft (33.5m)

EM5 is 84 ft (25.6m)

Boom Wear Pads

Wear pads with Teflon inserts that self-lubricate the

boom sections

Bottom wear pads are universal for all boom sections

Top wear pads are universal for all boom sections

Boom Head

Five 16.5 in (41.9cm) root diameter nylon sheaves to handle

up to ten parts of line

Easily removable wire rope guards

Rope dead end lugs on each 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: -38 to 80°

Auxiliary Lifting Sheave - Optional

Single 16.5 in (41.9m) root diameter nylon sheave

Easily removable wire rope guards

Does not affect erection of the fly or use of the main head

sheaves

Hook Blocks and Balls - Optional

40 ton (36.3mt) 4 sheave quick-reeve hook block with

60 ton (54.4mt) 4 sheave quick-reeve hook block with

90 ton (81.6mt) 6 sheave quick-reeve hook block with

safety latch

35 ton (31.7mt) swivel and non-swivel hook balls with

safety latch

10 ton (9.1mt) swivel and non-swivel hook balls with

safety latch

Fly - Optional

35 ft (10.7m) one piece lattice fly, stowable, offsettable to 15°, 30°, and 45°. Maximum tip height is 182 ft (55.5m).

35 ft-58 ft (10.7-17.7m) two piece bi-fold lattice fly, stowable, offsettable to 15°, 30°, and 45°. Maximum tip height is 205 ft (62.5m).

Fly Extensions - Optional

One 16 ft (4.9m) lattice extension, equipped with two 16.5 in (41.9cm) root diameter nylon sheaves, to be mounted

between 224 ft (67.4m) and fly options. Maximum tip

height is 224 ft (67.4m). Two 16 ft (4.9m) lattice extensions, one equipped with two 16.5 in (41.9cm) root diameter nylon sheaves, to be mounted between the boom head and fly options. Maximum tip height is 237 ft (72.2m). Minimum of 14,500 lb

of counterweight required.

(6 577.1kg) of counterweight required.

Upper Operator's Cab and Controls

Environmental Cab - Fully enclosed, one person cab of galvaneal steel structure with acoustical insulation.

Equipped with:

- Tinted and tempered glass windows
- Extra-large fixed front window with windshield wiper and washer
- Swing up roof window with windshield wiper
- Sliding left side door with large fixed window
- Sliding rear and right side windows for ventilation
- Six way adjustable, cushioned seat with seat belt and storage compartment
- Diesel fired warm-water heater with air ducts for front windshield defroster and cab floor - optional
- Defroster fan for the front window
- Bubble level
- Circulating fan
- Adjustable sun visor
- Dome light
- Cup holder
- Fire extinguisher
- Left side viewing mirror
- Pull-out cabwalk
- Two position travel swing lock

Air Conditioning - Optional - Integral with cab heating system utilizing the same ventilation outlets

Armrest Controls - Two dual axis hydraulic joystick controllers or optional single axis hydraulic controllers for:

- Cab heater and A/C controls
- Swing
- Boom hoist
- Main rear winch
- Auxiliary front winch - optional
- Drum rotation indication
- Drum rotation indicator activation switch
- Swing park brake switch
- Winch high/low speed and disable switch(es)
- Counterweight handling switch
- Warning horn button

Outrigger Controls - Hand held control box with umbilical cord gives the operator the freedom to view operation while setting the outriggers.

Foot Controls

- Boom telescope
- Swingbrake
- Engine throttle

Right Front Console - Controls and indicators for:

- | | |
|-----------------------------------|--|
| Engine ignition | Bubble level |
| Engine throttle lock | 12 volt power connection |
| Pump enable | Air conditioning - optional |
| Function disable | Boom floodlight - optional |
| Front windshield wiper and washer | Rotating beacon or strobe light - optional |
| Cab floodlights | Third wrap selector switch - optional |
| Warning horn | |
| Console dimmer switch | |

Camera Display - Located on dash console

- Displays right side of upper
- Displays main and auxiliary winches

Cab Instrumentation - Ergonomically positioned LCD display, CANBUS instrumentation for crane operation including:

- | | |
|--|------------------------|
| Tachometer | Engine oil pressure |
| Engine water temperature | Swing park brake light |
| Fuel level | Battery voltage |
| Hydraulic oil temperature | Fuel rate (gal/hr) |
| Stop engine | Engine load |
| Check engine | Engine Diagnostics |
| Regeneration disabled light (EPA 2013 engine only) | |
| DPF regeneration light (EPA 2013 engine only) | |

- High exhaust temperature light (EPA 2013 engine only)
- Malfunction indicator lamp (EPA 2013 engine only)

Engine air filter high restriction light

LinkBelt Pulse - The LinkBelt inhouse designed, total crane operating system that utilizes the display as a

Rated capacity limiter - LCD graphic audio visual

warning system integrated into the dash with anti - two block and function limiter. Operating data includes:

- Crane configuration
- Boom length and angle
- Boom head height
- Allowed load and % of allowed load
- RCL light bar
- Boom angle
- Radius of load
- Actual load
- Wind speed
- Highlighted unit of measurement on working screen
- Active pin/latch status
- Telescope operation displayed in real time

Counterweight installation/removal

Third wrap indicator

Diagnostics

Operator settable alarms (include):

- Maximum and minimum boom angles
- Maximum tip height
- Maximum boom length

Swing left/right positions

Extend control module (ECM) - Operates in the imaginary plane)

Controls the extend modes

Diagnostics

Integrated Third Wrap Indicator - Optional

-Link-Belt

Pulse 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.

Integrated Third Wrap Function Kickout - Optional -

Link-Belt Pulse color display visually and audibly warns the operator when the wire rope is on the first/bottom layer and provides a function kickout when the wire rope is down to the last three wraps.

Internal RCL Light Bar - Visually informs the operator when crane is approaching maximum load capacity with a series of green, yellow, and red lights.

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External RCL Light Bar - Optional - Visually informs the ground crew when crane is approaching maximum load capacity with a series of green, yellow, and red lights.

Swing

Motor/Planetary - Bi-directional hydraulic swing motor mounted to a planetary reducer for 360° continuous smooth swing at 1.7 rpm.

Swing Park Brake - 360°, electric over hydraulic, (spring applied/hydraulic released) multi-disc brake mounted on the speed reducer. Operated by a switch from the operator's cab.

Swing Brake - 360°, foot operated, hydraulic applied disc brake mounted to the speed reducer.

Swing Lock - Two-position swing lock (boom over front or rear) operated from the operator's cab.

360° Positive Swing Lock - Optional - Meets New York City requirement.

Electrical

Swing Alarm - Audio warning device signals when the upper is swinging.

Lights

Two working lights on front of the cab
One amber strobe beacon on top of the cab - optional
Boom floodlight - Single - optional
Boom floodlight - Dual - optional
Boom floodlight - High intensity remote controlled - optional

Load Hoist System

Load Hoist Performance

Main (Rear) and Auxiliary (Front) Winches - 5/8 in (16mm) Rope										
Layer	Maximum Line Pull		Normal Line Speed		High Line Speed		Layer		Total	
	lb	kN	ft/min	m/min	ft/min	m/min	ft	m	ft	m
1	15,519	69.03	195	59.4	387	118.0	124	37.8	238	72.5
2	14,362	63.89	211	64.3	418	127.4	134	40.8	372	113.4
3	13,365	59.45	226	68.9	449	136.9	144	43.9	516	157.3
4	12,497	55.59	242	73.8	480	146.3	154	46.9	670	204.2
5	---	---	---	---	---	---	164	50.0	834	254.2
6										

Wire Rope Application		Diameter		Type	Permissible Load	
		in	mm		lb	kN
Main (Rear) Winch	Standard	3/4	19	18x19 rotation resistant - right regular lay (Type RB)	15,600	69.39
	Optional	3/4	19	36x7 rotation resistant - right regular lay (Type ZB)	12,920	57.47
Auxiliary (Front) Winch	Standard	3/4	19	18x19 rotation resistant - right regular lay (Type RB)	15,600	69.39
	Optional			36x7 rotation resistant - right regular lay (Type ZB)		

2M Main and Optional Auxiliary Winches

Axial piston, full and half displacement (2-speed) motors driven through planetary reduction unit for positive control under all load conditions.

Grooved lagging

Power up/down mode of operation

Hoist drum cable follower - optional

Drum rotation indicator 40.6cm

Drum diameter: 16 in (406mm)

Rope length: 222.5m

Main: 730 ft (222.5m)

Auxiliary: 600 ft (182.9m) or 730 ft (222.5m)

Maximum rope storage: 834 ft (254.2m)

Terminator style socket and wedge

Hydraulic System

All circuits of the hydraulic system are pressure compensated.

Counterbalance Valves - All hoist motors, boom extend cylinders, and boom hoist cylinders are equipped with counterbalance valves to provide load lowering and to prevent accidental load drop if hydraulic power is suddenly reduced.

Hydraulic Oil Cooler - One carrier mounted cooler removes heat from the hydraulic oil. The cooler is mounted in left side access ladder.

Boom Hoist Float Valves (Optional) - For transporting the boom over the rear of the crane with a boom dolly. Allows hydraulic oil within the boom hoist cylinder to flow between piston side and case side, allowing the boom to float while on the boom dolly.

Swing Brake Release - For transporting the boom over the rear of the crane with a boom dolly. Holds the 360° swing park brake in the released position allowing free rotation of the upper structure.

Counterweight

Standard - Total of 11,500 lb (5 216kg) of total counterweight consisting of three, hydraulically removable counterweights. Assembled and disassembled by hydraulic cylinders. Total counterweight located in operator's cab with capacities for:

- 2,500 lb (1 134.0kg) counterweight
- 5,500 lb (2 494.8kg) counterweight
- 8,500 lb (3 855.5kg) counterweight
- 11,500 lb (5 216.3kg) counterweight

Optional - 15,000 lb (6 803.9kg) in addition to standard counterweight for a total of 26,500 lb (12 020.2kg) with additional capacities for:

- 14,500 lb (6 577.1kg) counterweight
- 20,500 lb (9 298.6kg) counterweight
- 23,500 lb (10 659.4kg) counterweight
- 26,500 lb (12 020.2kg) counterweight

Optional - 21,000 lb (9 525.4kg) in addition to standard counterweight for a total of 32,500 lb (14 741.8kg) with additional capacities for:

- 14,500 lb (6 577.1kg) counterweight
- 17,500 lb (7 937.9kg) counterweight
- 20,500 lb (9 298.6kg) counterweight
- 23,500 lb (10 659.4kg) counterweight
- 26,500 lb (12 020.2kg) counterweight
- 29,500 lb (13 381.0kg) counterweight
- 32,500 lb (14 741.8kg) counterweight

Optional - 28,000 lb (12 700.6kg) in addition to standard counterweight for a total of 39,500 lb (17 916.9kg) with additional capacities for:

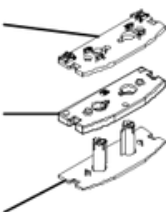
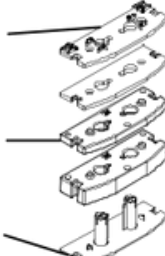
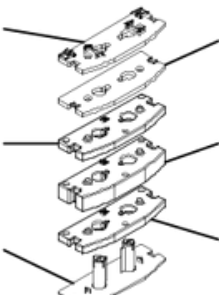
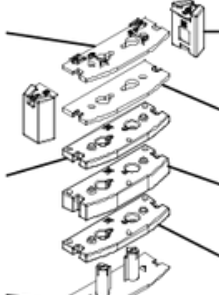
- 14,500 lb (6 577.1kg) counterweight
- 17,500 lb (7 937.9kg) counterweight
- 20,500 lb (9 298.6kg) counterweight
- 23,500 lb (10 659.4kg) counterweight
- 26,500 lb (12 020.2kg) counterweight
- 29,500 lb (13 381.0kg) counterweight
- 32,500 lb (14 741.8kg) counterweight
- 39,500 lb (17 916.9kg) counterweight*

Weight configuration for 39,500 lb (17 916.9kg) and boom

dolly or boom trailer may be required for on-highway travel. **3.4m**

* Overall width of the crane increases to 11 ft () for this counterweight configuration

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 (1,360.8kg) Top (2,721.6kg) Piece (1,134.0kg) Tray 11,500 lb (5 216.3kg)		 (1,360.8kg) Top (2,721.6kg) Piece (1,134.0kg) Tray 26,500 lb (12 020.2kg) (1,360.8kg) Piece (5,443.1kg) Piece					
 (1,360.8kg) Top (2,721.6kg) Piece (1,134.0kg) Tray 32,500 lb (14 741.8kg) (1,360.8kg) Piece (5,443.1kg) Piece (2,721.6kg) Piece		 (1,360.8kg) Top (2,721.6kg) Piece (1,134.0kg) Tray 39,500 lb (17 916.9kg) (3,175.2kg) 2-Pieces (1,360.8kg) Piece (5,443.1kg) Piece (2,721.6kg) Piece					
Counterweight Packages	11,500 lb (5 216.3kg) - Standard						
	26,500 lb (12 020.2kg) - 0						
	32,500 lb (14 741.8kg) - Optional						
	39,500 lb (17 916.9kg) - Optional						
Counterweight Modules	(1,134.0kg) Tray	(2,721.6kg) Piece	(1,360.8kg) Top	(1,360.8kg) Piece	(5,443.1kg) Piece	(2,721.6kg) Piece	(3,175.2kg) 2-Pieces
Counterweight Usage Configurations	(0kg)						
	(1,134.0kg)	X					
	(2,490.6kg)	X		X			
	(3,856.5kg)	X	X				
	(5,216.3kg)	X	X	X			
	(6,570.1kg)	X	X	X	X		
	(7,930.9kg)	X	X	X		X	
	(9,290.6kg)	X	X	X	X	X	
	(10,650.4kg)	X	X	X		X	
	(12,020.2kg)	X	X	X	X	X	
	(13,381.0kg)	X	X	X		X	X
	(14,741.8kg)	X	X	X	X	X	X
	(16,101.6kg)	X	X	X		X	
(17,461.4kg)	X	X	X	X	X	X	

Carrier

General

Wheelbase - 23.5' (7.2m) (centerline of first axle to

centerline of fourth axle)

Frame - X-type, torsion resistant, welded construction made of high tensile steel. Equipped with front and rear towing and tie-down lugs, tow connections, and

Outriggers

Boxes - Two double box, front and rear welded to the carrier frame

Beams and Jacks - Four dual stage beams with Confined

Area Lifting Capacities (CALC) provide selectable outrigger extensions of full, intermediate, and retracted positions. Jacks with integral check valves, hydraulically controlled from the operator's cab and on both sides of carrier. A fifth front bumper outrigger with integral check valves is hydraulically controlled from the operator's cab and at the front bumper of carrier.

Pontoons - Four lightweight, stow'n go, 23.5" x 27.25"

(59.7 x 69.2cm) hexagonal steel pontoons with a contact area of 485 in² (3 129cm²) can be stored for road travel in either the storage racks on the carrier or under the outrigger beams.

Main Jack Reaction - 106,000 lb (48 080.8kg) force and

Steering and Axles

Steering - Full integral master gear/slave gear steering system provides hydraulic assisted steering with mechanical link between steering wheel and wheels

Drive Axle 1 & 2 - x 4 for on/off-highway travel

Axle 3 & 4 - Tandem steered, non-driven

- Tandem steered, driven with reduction: 6.35

Inter-Axle Differential Lock

- Traction adding device that locks axle 3 with axle 4. Operated by a switch from the carrier cab.

Transverse (Cross-Axle) Differential Locks

- Traction adding device that locks differentials within axles 3 and 4. Operated by a switch from the carrier cab.

Suspension

Front - Raydan Air Link walking beam air suspension

Rear - Raydan Air Link walking beam air suspension

Axle Lift System - Optional - Improves rear tire ground clearance when the crane is up on outriggers.

The rear tandem axles are raised and lowered with a switch in the carrier cab. The axle lift system can be controlled from both sides of the carrier.

Tires and Wheels

Front - Four (single) 445/65R22.5 tires on aluminum disc

Rear - Four (single) 445/65R22.5 tires on aluminum disc

Wheels - Spare tires and wheels - optional

Tire inflation kit - optional

Brakes

Service - Full air anti-lock (ABS) brakes on all wheel ends. Dual circuit compressed air system with air dryer.

Parking/Emergency - Spring loaded type, acting on 3rd

and 4th axles (27.5' on 3rd and 4th axles). Air pressure drops below 440 psi (27.5' on 3rd and 4th axles).

Electrical

Battery - Three batteries provide 12 volt starting and operation

Lights

Front lighting includes two main daytime running/headlights, two high beam lights, two parking/directional indicators, and three cab marker lights.

Side lighting includes three parking/directional indicators per side.

Rear lighting includes two parking/directional indicators, two parking/brake lights, two reverse lights, three marker lights, and a license plate light.

Other equipment includes hazard/warning system, cab light, instrument panel light, and signal horn.

One amber strobe beacon on top of the cab

Engine

Specification	Cummins ISX12	Cummins QSX15
Emissions Compliance Level:	EPA 2013 ⁽¹⁾	Tier 3/ Stage IIIA ⁽²⁾
Maximum Allowable Sulfur Content of Fuel (PPM):	15	5000
Numbers of cylinders:	6	6
Cycle:	4	4
Bore and Stroke: inch (mm)	5.11 x 5.91 (130x150)	5.19 x 6.05 (132x154)
Piston Displacement: in ³ (L)	729 (11.9)	915 (15.0)
Max Brake Horsepower:	450 (336) @ 1,800 rpm	480 (358.8) @ 1,800 rpm
Peak Torque: ft lb (Nm)	414 (309) @ 1,200 rpm	2,100 rpm
Alternator: volts - amps	2,100 rpm	1,550 (2 102) @ 1,400 rpm
Crankcase Capacity: qt (L)	1,550 (2 102) @ 1,200 rpm	12 - 135 48.0 (45.4)
Cruise control Cummins ISX12 Three stage engine compression brake Thermostatically controlled, hydraulically driven radiator fan 120 volt engine block heater - ISX Ether injection system - optional on ISX Grid heater starting aid standard on QSX and ISX 220 volt engine block heater - QSX15 Engine equipped with on-board diagnostics - ISX Cummins QSX15 Two stage compression brake Can only be sold and/or operated where EPA2013 on-highway emission standards are accepted. Can only be sold and/or operated where Tier 3/Stage IIIA off-highway emission standards are accepted.		



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Transmission

Automated - ZF AS-TRONIC (no clutch pedal) manual

transmission with 12 forward gears and 2 reverse gears.

Carrier Speeds and Gradeability

ZF Astronic		Governed Speed				Gradeability (@ Peak Torque Except Creep @ Idle)	
		EPA 2013		Tier 3/Stage IIIA		% Grade	
		mph	km/h	mph	km/h	EPA 2013	Tier 3/ Stage IIIA
12th			85.7		90.0		
11th	0.78	53.2	66.7	55.9	70.0	3.7	3.9
10th	1.00	41.4	52.6	43.5	55.3	4.7	5.3
9th	1.27	32.7	40.9	34.3	43.0	6.1	7.1
8th	1.63	25.4	31.7	26.7	33.3	7.9	9.4
7th	2.10	19.7	24.7	20.7	25.9	10.1	12.4
6th	2.70	15.3	18.8	16.1	19.7	13.3	16.5
5th	3.55	11.7	14.6	12.3	15.3	17.1	21.4
4th	4.57	9.1	11.5	9.5	12.1	21.6	27.3
3rd	5.78	7.2	9.0	7.5	9.4	27.8	35.3
2nd	7.44	5.6	7.0	5.9	7.3	35.9	45.8
1st	9.59	4.3	5.4	4.5	5.7	46.1	59.0
	12.33	3.4	5.8	3.5	6.1	42.7	54.6
Reverse 1	11.41	3.6	7.5	3.8	7.9	33.2	42.3
Reverse 2	8.88	4.7		4.9		33.2	32.4
	2nd	9.59	2.3	1.5	2.4	41.5	41.8
	1st	12.33	1.8	1.2	1.9	38.4	38.7
Creep @ idle	Reverse 1	11.41	1.9	1.3	2.0	29.9	30.0
	Reverse 2	8.88	2.6	1.6	2.6		

Based on a gross vehicle weight of 95,000 lb(43,037.5kg)

Fuel Tank

One 80 gal (302.8L) capacity tank
One 10 gal (37.8L) capacity diesel exhaust fluid (DEF) plastic fuel tank

Hydraulic System

All functions are hydraulically powered allowing positive, precise control with independent or simultaneous operation of all functions.

Main Pumps

Three fixed displacement gear pumps with automatic disconnect for the main and auxiliary winches, swing, boom hoist, control circuit, and telescope for use when pick & carry switch is in travel mode.
One fixed displacement gear pump for steering and the front bumper outrigger
Two fixed displacement gear pumps for engine cooling fan and main outriggers. These pumps also provide flow to the winches and boom hoist for "pick & carry" mode.
Operated by a switch in the carrier cab.

Combined pump capacity of 188 gpm (711.7Lpm)

Hydraulic Reservoir - 144 gal (545.1L) capacity equipped with sight level gauge. Diffusers built in for deaeration.

Filtration - One 10 micron, full flow, return line filter. All oil is filtered prior to return to reservoir. Accessible for easy filter replacement.

Pump Drive

All pumps are mechanically driven by the diesel engine. Main and auxiliary winches, swing, boom hoist, control circuit, and telescope pumps are mounted to an automatic pump disconnect on the rear of the transmission to aid in cold weather starting as well as to reduce pump wear while traveling.

Lower Cab and Controls

Environmental Cab - Fully enclosed, one person cab of composite structure with acoustical insulation. Equipped with:

- Tinted and tempered glass windows
- Roll down left side window for ventilation
- Windshield wiper and washer
- Six way adjustable and air suspended driver's seat with seat belt
- Two adjustable rear view mirrors
- Engine dependent warm-water heater with air ducts for windshield defroster and cab floor
- Adjustable sun visor
- Dome light
- 12 volt connection
- Fire extinguisher

Air Conditioning - Optional - Integral with cab heating system utilizing the same ventilation outlets

Cab Instrumentation - Ergonomically positioned analog instrumentation for driving including:

- Speedometer with odometer, hourmeter, trip odometer, and clock
- Front and rear air pressure with warning indicator
- Engine coolant temperature with warning indicator
- Engine oil pressure with warning indicator
- Voltage indicator with warning indicator
- Fuel level
- Tachometer
- Diesel emission fluid with warning indicator (EPA 2013 engine only)

Right Side Console - Controls and indicators for:

- Transmission gear shifting
- Transmission digital readout
- Cruise controls
- Engine compression brake controls
- Rear steer axle lock switch
- Rear axle steering switch

Dash Mounted Controls For:

- Carrier lights
- Carrier/upper throttle control
- Engine cooling fan override
- Cab heater/air conditioning
- Console dimmer switch
- Anti-lock brake diagnostic switch
- Diesel particulate filter switch
- Park brake
- Pick & carry switch
- Inter-axle differential lock switch
- Rear axle lift system switch - optional
- Engine ignition

Dash Mounted Indicator For:

- Check, stop, and service engine
- Turn signal indication
- Park brake
- Cruise activation
- High beam headlights
- Check anti-lock brake system
- Check anti-lock trailer brake system
- Diesel particulate filter indication (EPA 2013 Engine Only)
- High exhaust temperature indication (EPA 2013 Engine Only)
- Regeneration inhibit (EPA 2013 engine only)
- Malfunction indicator lamp (EPA 2013 engine only)

Steering Column Controls For:

- Warning horn
- Turn indicators
- High beam headlights
- Steering wheel adjustments
- Intermittent windshield wiper and washer
- Hazard lights

Camera Display - Located on dash console

- Displays right side of machine
- Displays rear view

Foot Controls For:

- Carrier service brakes
- Engine throttle

Additional Equipment

Standard:

- Aluminum full deck fenders with mud flaps
- Left and right bubble levels
- Air hose connection ports
- Clearance flags

Optional:

- Pneumatic and electrical quick disconnect connectors mounted on the rear for trailer or boom dolly brakes and lights
- Left side aluminum storage box
- Rear mounted pintle hook

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Axle Loads

Base crane with full tank of fuel and no counterweight		Gross Weight (1)		Front Axles		Rear Axles	
		lb	kg	lb	kg	lb	kg
	EPA 2013	80,227	36,390	35,547	16,124	44,680	20,267
	Tier 3 / Stage IIIA	80,073	36,321	35,501	16,103	44,571	20,218
Driver in carrier cab			6		-3		8
Rear pintle hook		13	5	-6	-2	19	7
Pneumatic and electrical connectors for trailer or boom dolly		11	27	28	13	15	14
Carrier aluminum storage box		59	22		0	31	22
Air ride lift system - rear axles		48	6	0	5	48	1
Ether injection		13		12		10	-4
Air conditioning - carrier		45	20		25		
Hoist drum follower - main		69	31	55	-16	104	47
Auxiliary winch with 600 ft (182.9m) of 3/4" (19mm) type "RB" rope		735	333	-35	-109	975	442
Hoist drum follower - auxiliary		69	31	-240	-10	90	41
Substitute 600 ft (182.9m) of rope with 730 ft (222.5m) of rope - auxiliary				-21		217	98
Remove 730 ft (222.5m) of rope from rear (main) winch		163	74	-54	-24		
Remove 600 ft (182.9m) of rope from front (auxiliary) winch		-931	-422	373	169	-1,304	-591
360° mechanical swing lock		-768	-348	252	114	-1,020	-463
2,500 lb (1 134.0kg) counterweight tray on upper			64		9	119	54
3,000 lb (1 360.8kg) counterweight on upper		140		21			1 723
6,000 lb (2 721.6kg) counterweight on upper		2,544	1 154	-1,255	-569	3,799	2 019
12,000 lb (5 443.1kg) counterweight on upper		2,981	1 352	-1,471	-667	4,452	4 065
3,000 lb (1 360.8kg) top counterweight on upper		6,000	2 722	-2,961	-1 343	8,961	4 065
Floodlight to the front of boom base section		6,000	2 722	-2,961	-1 343	8,961	8 163
Fly mounting brackets to boom base section for fly options		12,050	5 466	-5,947	-2 697	17,997	2 038
35 ft (10.7m) offsettable, one-piece lattice fly - stowed		3,009	1 365	-1,485	-674	4,494	1
35-58 ft (10.7-17.7m) offsettable, two-piece (bi-fold) lattice fly - stowed			3		3		18
Auxiliary lifting sheave		176	80	136	62	140	24
40 ton (36.3mt) 4-sheave hook block at front bumper		1,591	722	1,539	698	52	171
60 ton (54.4mt) 4-sheave hook block at front bumper		2,263	1 026	1,886	855	377	-41
90 ton (81.6mt) 6-sheave hook block at front bumper		110	50	200	91	-90	-304
8.5 ton (7.7mt) hook ball at front bumper		900	408	1,570	712	-670	-375
10 ton (9.1mt) hook ball at front bumper		1,109	503	1,935	878	-826	-525
		1,554	705	2,711	1 230		-122
		360	163	628	285	-1,157	-196
		580	263	1,012	459	-432	

Counterweight Load Transfer		Front Axles		Rear Axles	
		lb	kg	lb	kg
Transfer 2,500lb (1 134.0kg) counterweight to carrier deck		3,194	1 448	-3,194	-1 448
Transfer 3,000lb (1 360.8kg) counterweight to carrier deck		3,742	1 697	-3,742	-1 697
Transfer 6,000lb (2 721.6kg) counterweight to carrier deck		7,532	3 416	-7,532	-3 416
Transfer 6,000lb (2 721.6kg) counterweight to carrier deck		7,532	3 416	-7,532	-3 416
Transfer 12,000lb (5 443.1kg) counterweight to carrier deck		15,128	6 862	-15,128	-6 862
Transfer 3,000lb (1 360.8kg) top counterweight to carrier deck		3,778	1 714	-3,778	-1 714

Maximum Load @ 65 mph (105km/h)	
Front	46,400lb (0-aluminum disc wheels with 445/65R22.5 tires)
Rear	51,200lb (0-aluminum disc wheels with 445/65R22.5 tires)

(1) Adjust gross vehicle weight and axle loading according to component weight. All weights are ±3%.

10 Axle Loads with 2-Axle or 3-Axle Boom Dolly

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Base crane with full tank of fuel and no counterweight	Counterweight (one)		Front Axles		Rear Axles		Dolly Axles	
	lb	kg	lb	kg	lb	kg	lb	kg
	80,227	36 390	30 371	13 776	35,905	16 286	13,951	6 328
EPA 2013	80,073	36 321	30,329	13 757	35,793	16 235	13,951	6 328
Tier 3 / Stage IIIA								
Nelson 2-axle boom dolly	7,160	3 248	0	0	0	0	7,160	3 248
Nelson 3-axle boom dolly	250	113	315	143	-65	-29	0	0
Driver in carrier cab		6		-3		8	0	0
Rear pintle hook	13	5	-6	-2	19	7	0	0
Pneumatic and electrical connectors for trailer or boom dolly	11	27	28	13	15	14	0	0
Carrier aluminum storage box	59	22		0	31	22	0	0
Air ride lift system - rear axles	48	6	0	5	48	1	0	0
Ether injection	13	20	12	25	10	-4	0	0
Air conditioning - carrier	45	31	55	24	16	7	0	0
Hoist drum follower - main	69		53			135	0	0
Auxiliary winch with 600 ft (182.9m) of 3/4" (19mm) type "RB" rope	735	333	437	198	298		0	0
Hoist drum follower - auxiliary	69	31	40	18	29	13	0	0
Substitute 600 ft (182.9m) of rope with 730 ft (222.5m) of rope - auxiliary	163	74	97	44	66	30	0	0
Remove 730 ft (222.5m) of rope from rear (main) winch	-931	-422	-623	-282	-308	-140	0	0
Remove 600 ft (182.9m) of rope from front (auxiliary) winch	-768	-348	-458	-208	-310	-140	0	0
360° mechanical swing lock	140	64	17	8	123	56	0	0
2,500 lb (1 134.0kg) counterweight tray on carrier deck		1 154		879	606	275	0	0
3,000 lb (1 360.8kg) counterweight on carrier deck	2,544	1 352	1,938		710	322	0	0
6,000 lb (2 721.6kg) counterweight on carrier deck	2,981	2 722	2,271	1 030	1,429	648	0	0
6,000 lb (2 721.6kg) counterweight on carrier deck	6,000	2 722	4,571	2 074	1,429	648	0	0
12,000 lb (5 443.1kg) counterweight on carrier deck	6,000	2 722	4,571	2 074	2,869	1 301	0	0
3,000 lb (1 360.8kg) top counterweight on upper	12,050	5 466	9,181	4 164	716	325	0	0
Flood light to the front of boom base section	3,009	1 365	2,293	1 040	1	1	5	2
Fly mounting brackets to boom base section for flyoptions	7	3	1	1		14	116	53
10.7m (35 ft) offsettable, one-piece lattice fly - stowed	1,591	80	30	14	30	77	1,253	568
10.7-17.7m (35-58 ft) offsettable, two-piece (bi-fold) lattice fly - stowed	2,263	722	168	76	170	155	1,583	718
4.9m (16 ft) lattice inserts (stowed on 3-axle boomdolly)	1,584	718	0	0	0	-9	149	67
Auxiliary lifting sheave	900	50	-19	-9	-19	-61	1,169	530
40 ton (36.3mt) 4-sheave hook block at boomhead	1,109	408	-134	-61	-135	-76	1,441	654
60 ton (54.4mt) 4-sheave hook block at boomhead	1,554	503	-165	-75	-167	-106	2,019	916
90 ton (81.6mt) 6-sheave hook block at boomhead	360	705	-231	-105	-233	-25	468	212
8.5 ton (7.7mt) hook ball at boom head	580	163	-54	-24	-54	-39	754	342
10 ton (9.1mt) hook ball at boom head		263	-87	-39	-87			

Counterweight Load Transfer	Front Axles		Rear Axles		Dolly Axles	
	lb	kg	lb	kg	lb	kg
Transfer 3,000 lb (1 360.8kg) counterweight to the boom dolly	-2,271	-1 030	-710	-322	2,981	1 352
Transfer 6,000 lb (2 721.6kg) counterweight to the boom dolly	-4,571	-2 074	-1,429	-648	6,000	2 722
Transfer 6,000 lb (2 721.6kg) counterweight to the boom dolly	-4,571	-2 074	-1,429	-648	6,000	2 722
Transfer 12,000 lb (5 443.1kg) counterweight to the boom dolly	-9,181	-4 164	-2,869	-1 301	12,050	5 466
Transfer 3,000 lb (1 360.8kg) top counterweight to the boom dolly	-2,293	-1 040	-716	-325	3,009	1 365

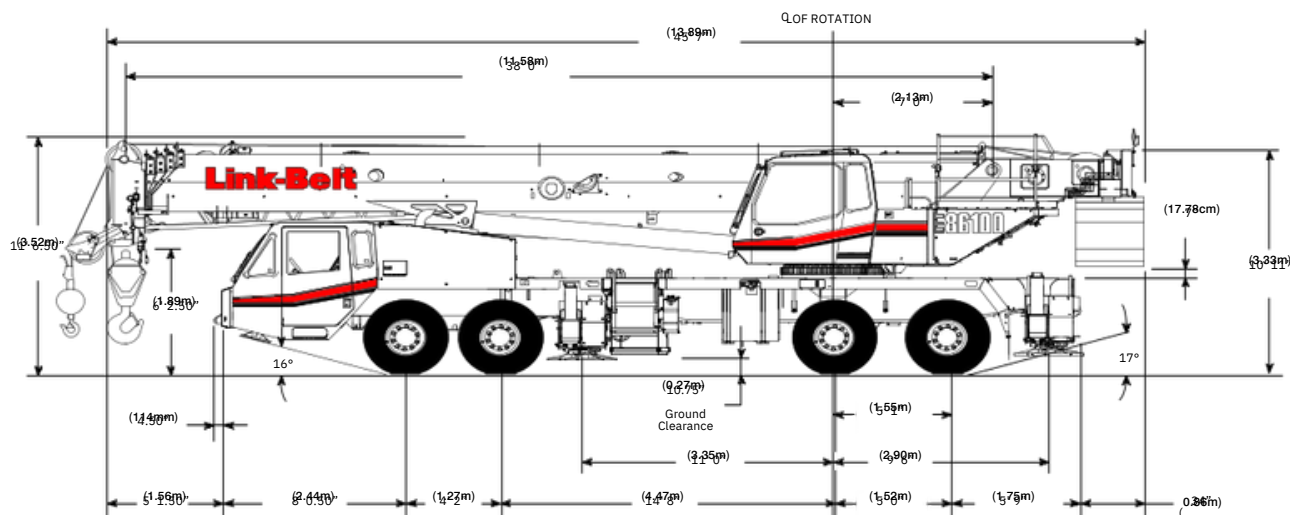
Maximum Load @ 65 mph (105 km/h)	
Front	46,400 lb (20 998 kg) - aluminum disc wheels with 445/65R22.5 tires
Rear	51,200 lb (23 224 kg) - aluminum disc wheels with 445/65R22.5 tires

(1) Adjust gross vehicle weight and axle loading according to component weight. All weights are ±3%.

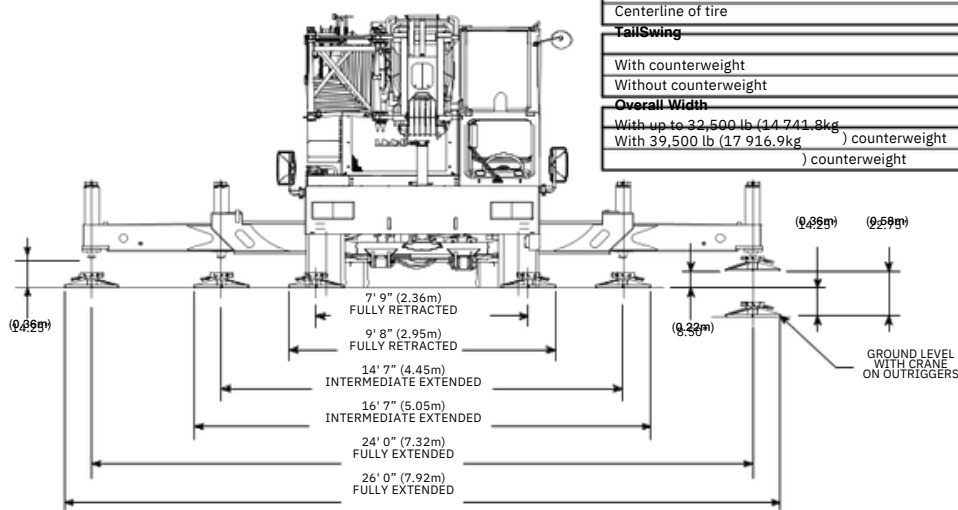
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General Dimensions

EPA 2013



Turning Radius - Front Wheel (8x4) Steering		English	Metric
Wall to wall over carrier		48' 4"	14.7m
Wall to wall over boom		49' 2"	15.0m
Wall to wall over boom attachment		51' 0"	15.5m
Curb to curb		44' 1"	13.4m
Centerline of tire		43' 4"	13.2m
Turning Radius - All Wheel (8x8) Steering		English	Metric
Wall to wall over carrier		32' 9"	10.0m
Wall to wall over boom		34' 1"	10.4m
Wall to wall over boom attachment		35' 8"	10.9m
Curb to curb		28' 4"	8.6m
Centerline of tire		27' 7"	8.4m
Tail Swing		English	Metric
With counterweight		13' 8"	4.2m
Without counterweight		13' 1"	4.0m
Overall Width		English	Metric
With up to 32,500 lb (14,741.8kg) counterweight		8' 6"	2.6m
With 39,500 lb (17,916.9kg) counterweight		11' 0"	3.4m

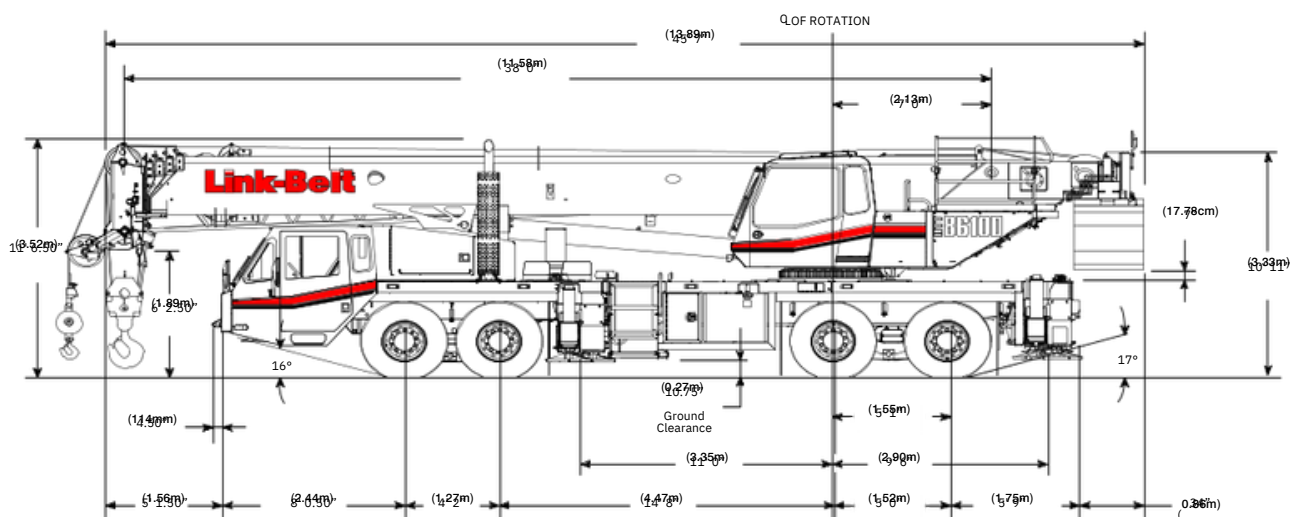


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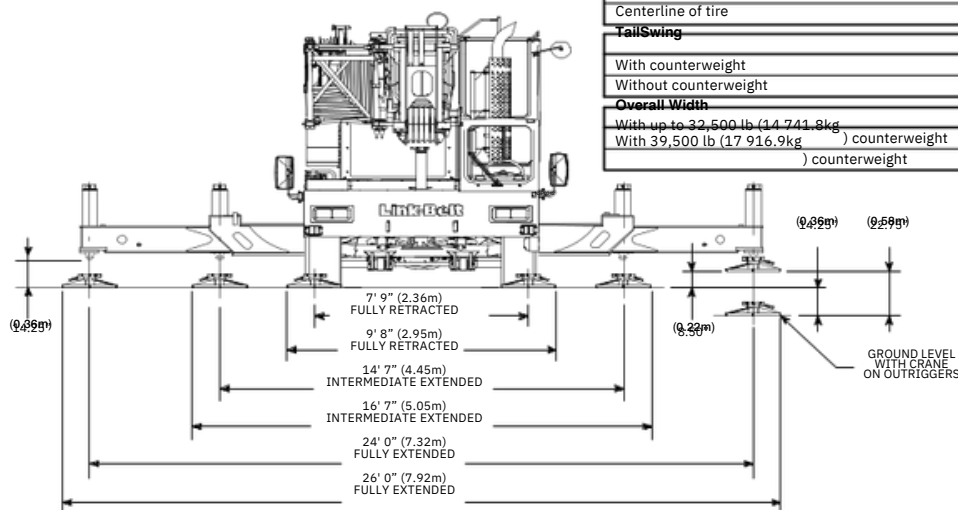
¹²General Dimensions

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Tier3 / Stagella



Turning Radius - Front Wheel (9x4) Steering		English	Metric
Wall to wall over carrier		48' 4"	14.7m
Wall to wall over boom		49' 2"	15.0m
Wall to wall over boom attachment		51' 0"	15.5m
Curb to curb		44' 1"	13.4m
Centerline of tire		43' 4"	13.2m
Turning Radius - All Wheel (9x9) Steering		English	Metric
		32' 9"	
Wall to wall over carrier		34' 1"	10.0m
Wall to wall over boom		35' 8"	10.4m
Wall to wall over boom attachment		28' 4"	10.9m
Curb to curb		27' 7"	8.6m
Centerline of tire			8.4m
Tail Swing		English	Metric
With counterweight		13' 8"	4.2m
Without counterweight		13' 1"	4.0m
Overall Width		English	Metric
With up to 32,500 lb (14,741.8kg) counterweight		9' 6"	2.6m
With 39,500 lb (17,916.9kg) counterweight		11' 0"	3.4m

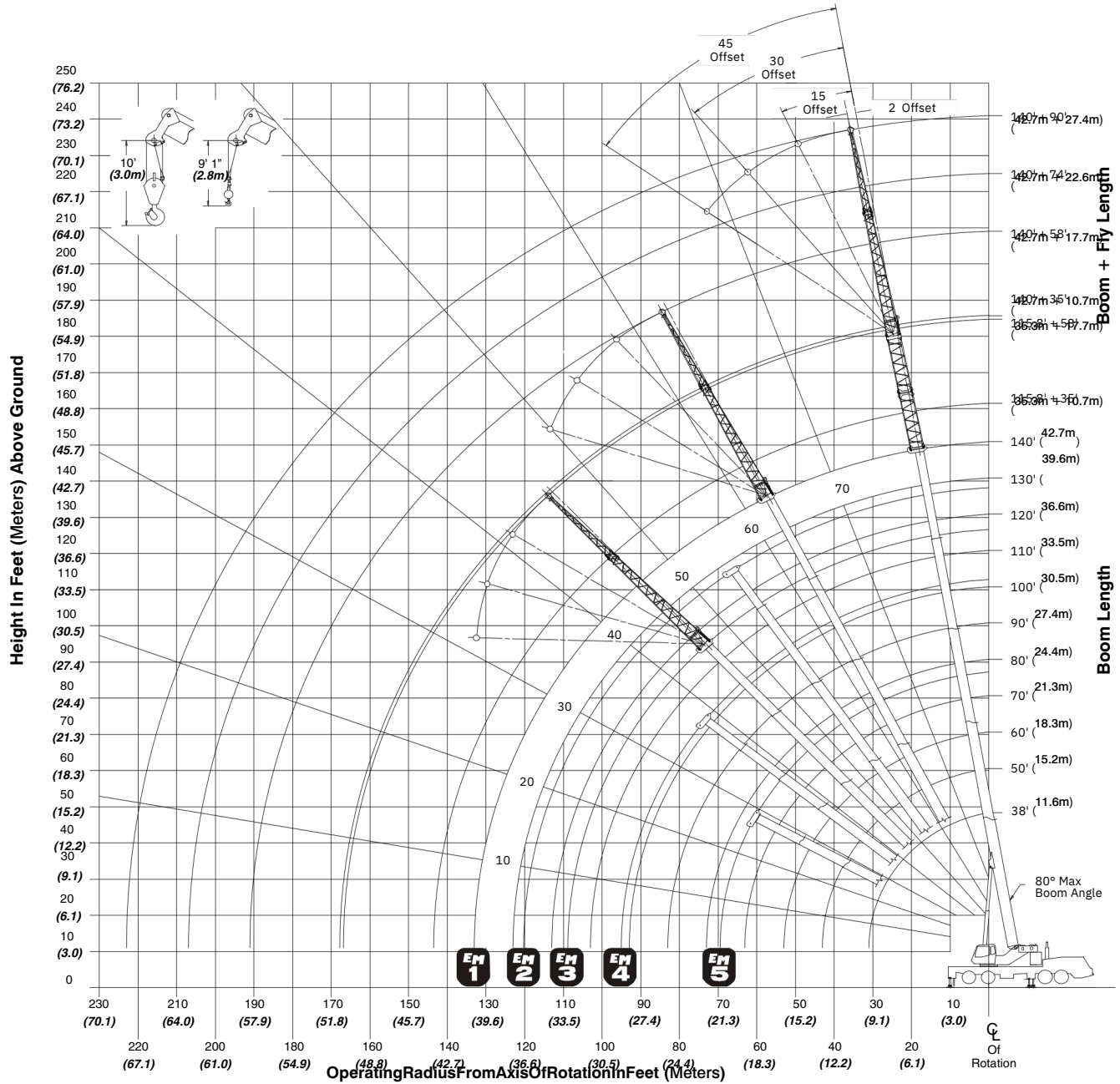


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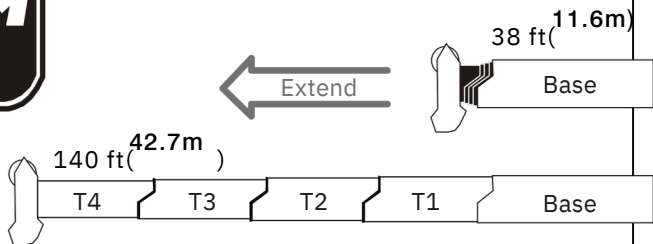
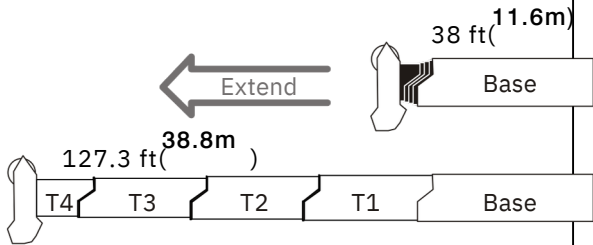
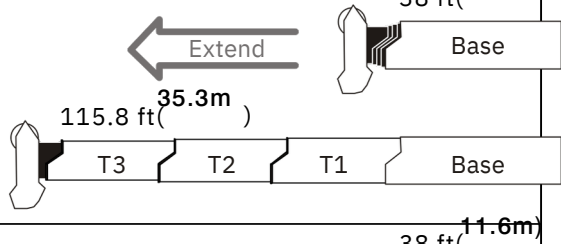
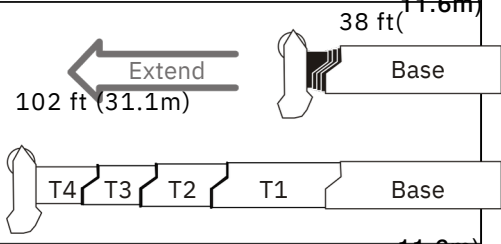
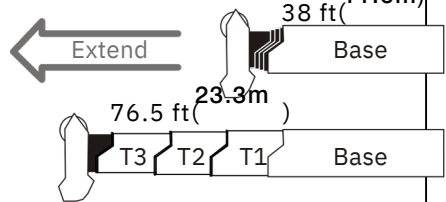
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Working Range Diagram



14 Boom Extend Modes

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Boom Length		Section Length				
ft	m	T4	T3	T2	T1	
60	18.3	90%				EM 1 
70	21.3	100%				
80	24.4	100%	31%			
90	27.4	100%	71%			
100	30.5	100%	100%	11%		
110	33.5	100%	100%	49%		
120	36.6	100%	100%	88%		
130	39.6	100%	100%	100%	25%	
140	42.7	100%	100%	100%	63%	
			100%	100%	100%	
Boom Length		Section Length				EM 2 
ft	m	T4	T3	T2	T1	
60	18.3	48%	2%			
70	21.3	48%	42%			
80	24.4	48%	82%			
90	27.4	48%	100%	21%		
100	30.5	48%	100%	60%		
110	33.5	48%	100%	98%		
120	36.6	48%	100%	100%	35%	
127.3	38.8		100%	100%	73%	
		0%		100%	100%	
Boom Length		Section Length				EM 3 
ft	m	T3	T2	T1		
60	18.3	0%	48%			
70	21.3	0%	88%			
80	24.4	0%	100%	27%		
90	27.4	0%	100%	65%		
100	30.5		100%	100%	4%	
115.8	35.3	48%	100%	100%	41%	
		48%		100%	100%	
Boom Length		Section Length				EM 4 
ft	m	T3	T2	T1		
60	18.3	48%	2%			
70	21.3	48%	42%			
80	24.4		51%	30		
90	27.4		51%	%	18%	
102	31.1		51%	50	55%	
			%		100%	
Boom Length		Section Length				EM 5 
ft	m	T3	T2	T1		
50.7	15.5	0%	51%	%		
63.7	19.4	0%	51%	50		
76.5	23.3	0%	51%	%	48%	

50

%



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Main Boom Lift Capacity Charts - Standard

8,500 lb Counterweight - Fully Extended Outriggers - 500° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38	50	60	70	76.5/80	90	100	110	120	130	140	
9	104,400											10
10	154,600*											12
12	129,300*	152,100*	117,900	89,70								15
15	102,500	131,300*	108,800	0	85,100**							20
20	74,700	104,600	104,900	85,00	78,400**	57,700						25
25	54,700	77,000	77,400	0	76,500**	56,200	49,100	42,500				30
30	39,600	57,900	59,400	78,80	59,700	55,300	45,800	42,500	33,700	29,700		35
35		43,300	44,400	0	44,300	43,800	43,200	38,300	31,200	29,400	24,400	40
40		33,100	34,100	70,30	34,100	35,000	33,500	34,500	30,900	29,100	24,100	45
45		26,100	27,200	0	28,100	28,000	28,000	27,500	28,100	26,900	24,000	50
50			22,800	60,10	23,900	23,300	24,000	23,800	23,500	23,100	22,700	55
55			18,900	0	20,000	20,200	20,100	19,900	19,600	19,100	18,800	60
60				44,60	16,900	17,100	16,900	16,800	16,400	16,000	15,700	65
65				0	14,400	14,600	14,500	14,300	14,000	13,600	13,200	70
70				34,90	12,500	12,700	12,500	12,400	12,100	11,700	11,400	75
75				0	10,800	11,000	10,900	10,800	10,400	10,100	9,700	80
80				27,90		9,600	9,500	9,400	9,100	8,700	8,400	85
85				0		8,400	8,300	8,200	7,900	7,500	7,200	90
90				23,50			7,300	7,200	6,800	6,500	6,200	95
95				0			6,300	6,300	6,000	5,600	5,300	100
100				19,60				5,500	5,200	4,800	4,500	105
105				0				4,800	4,500	4,100	3,800	110
110				16,50					3,900	3,500	3,200	115
115				0					3,300	3,000	2,700	120
120				14,00						2,500	2,200	125
125				0						2,000	1,700	130
130											900	
* Special Conditions Or Wire Rope Required ** 76.5 EM5 mode												

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.



8,500 lb Counterweight • On Tires • Stationary • Boom Centered Over Rear (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
12	24,300							12
15	21,700	23,100						15
20	18,400	19,900	20,700					20
25	14,000	15,700	16,600	17,000				25
30	10,600	12,500	13,400	13,900	13,600			30
35	7,900	10,000	11,000	11,500	11,800	10,800	8,300	35
40		7,900	9,000	9,500	9,800	10,000	8,300	40
45		6,200	7,300	7,900	8,200	8,400	8,300	45
50			5,800	6,400	6,700	6,900	6,900	50
55			4,400	5,000	5,400	5,600	5,500	55
60				3,900	4,200	4,400	4,400	60
65				2,900	3,300	3,500	3,400	65
70					2,500	2,700	2,700	70
75					1,900	2,100	2,000	75
80						1,500	1,400	80
						1,000	900	

8,500 lb Counterweight • On Tires • Pick & Carry (Full Ph) • Boom Centered Over Rear (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
12	15,700							12
15	11,700	12,700						15
20	9,400	10,900	11,600					20
25	6,200	7,900	8,800	9,20				25
30	3,800	5,700	6,600	0	7,400			30
35	1,800	3,900	4,900	7,10	5,700	5,800	5,800	35
40		2,400	3,400	0	4,300	4,500	4,400	40
45		1,200	2,300	5,40	3,200	3,300	3,300	45
50			1,300	0	2,200	2,400	2,300	50
55				4,00	1,400	1,600	1,500	55
				0	700	900	800	

2,80

0

1,90

0

1,00

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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.



5703 (supersedes 5683)-0115-N3TT

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11,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38	50	60	70	76.5/80	90	100	110	120	130	140	
9	105,000											10
10	155,400*											12
12	131,900*	152,100*	117,900	89,70								15
15	104,600	133,900*	108,800	0	85,100**							20
20	76,400	106,700	106,500	85,00	78,400**	57,700						25
25	57,800	78,600	79,000	0	76,500**	56,200	49,100	42,500				30
30	42,300	61,000	61,500	78,80	62,700	55,300	45,800	42,500	33,700	29,700		35
35		46,000	47,100	0	47,000	46,500	45,200	38,300	31,200	29,400	24,400	40
40		35,300	36,300	70,30	36,300	36,200	35,700	35,100	30,900	29,100	24,100	45
45		27,900	29,000	0	29,900	29,900	29,800	29,300	28,800	28,700	24,000	50
50			23,900	63,00	25,100	24,700	24,900	25,400	25,000	24,600	23,800	55
55			20,300	0	21,500	21,400	21,500	21,400	21,000	20,600	20,300	60
60				47,30	18,300	18,500	18,400	18,200	17,900	17,500	17,100	65
65				0	15,700	15,900	15,700	15,600	15,300	14,900	14,500	70
70				36,50	13,600	13,700	13,600	13,500	13,100	12,700	12,500	75
75				0	11,800	12,100	11,900	11,800	11,500	11,100	10,800	80
80				29,70		10,600	10,500	10,400	10,000	9,700	9,300	85
85				0		9,300	9,200	9,100	8,800	8,400	8,100	90
90				24,50			8,100	8,000	7,700	7,300	7,000	95
95				0			7,100	7,100	6,700	6,400	6,100	100
100				21,10				6,200	5,900	5,600	5,200	105
105				0				5,500	5,200	4,800	4,500	110
110				17,90					4,500	4,200	3,900	115
115				0					3,900	3,600	3,300	120
120				15,30						3,100	2,800	125
125				0						2,600	2,300	130
130											1,400	
* Special Conditions Or Wire Rope Required												
** 76.5 EM5 mode												

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.



11,500 lb Counterweight • On Tires • Stationary • Boom Centered Over Rear (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
12	23,700							12
15	21,200	22,500						15
20	17,900	19,400	20,200					20
25	13,600	15,300	16,200	16,600				25
30	10,300	12,200	13,100	13,500	13,800			30
35	7,600	9,700	10,700	11,200	11,500	11,700	9,40	35
40		7,700	8,700	9,200	9,600	9,700	0	40
45		6,000	7,100	7,600	8,000	8,100	9,40	45
50			5,700	6,300	6,600	6,800	0	50
55			4,600	5,100	5,500	5,700	8,10	55
60				4,100	4,500	4,700	0	60
65				3,300	3,700	3,800	6,80	65
70					2,900	3,100	0	70
75					2,300	2,400	5,60	75
80						1,900	0	80
						1,300	4,60	
							0	

11,500 lb Counterweight • On Tires • Pick & Carry (Flymph) • Boom Centered Over Rear (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
12	13,200						2,40	12
15	11,500	12,900					0	15
20	8,900	10,400	11,900				1,80	20
25	5,800	7,600	8,400	8,800			0	25
30	3,400	5,300	6,300	6,700	7,00		1,30	30
35	1,500	3,600	4,600	5,100	0	5,50	0,50	35
40		2,100	3,200	3,700	5,40	0	0	40
45		900	2,000	2,600	0	4,20	4,10	45
50			1,100	1,600	4,00	0	0	50
				800	0	3,10	3,00	
					2,90	0	0	
					0	2,20	2,10	
					2,00	0	0	
					0	1,40	1,30	
					1,20	0	0	
					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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.



5703 (supersedes 5683)-0115-N3TT

14,500 lb Counterweight • On Tires • Stationary • Boom Centered Over Rear (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
12	23,000							12
15	20,700	21,900						15
20	17,500	19,000	19,700					20
25	13,200	14,900	15,800	16,200				25
30	10,000	11,900	12,800	13,200	13,500			30
35	7,300	9,400	10,400	10,900	11,200	11,400	9,40	35
40		7,400	8,500	9,000	9,300	9,500	0	40
45		5,800	6,900	7,400	7,700	7,900	9,40	45
50			5,500	6,100	6,400	6,600	0	50
55			4,400	4,900	5,300	5,500	7,90	55
60				4,000	4,300	4,500	0	60
65				3,100	3,500	3,700	6,50	65
70					2,700	2,900	0	70
75					2,100	2,300	5,40	75
80						1,700	0	80
						1,200	4,50	
							0	

14,500 lb Counterweight • On Tires • Pick & Carry (Tripply) • Boom Centered Over Rear (All Capacities Are Listed In Pounds)								
Radius (ft)	Boom Length (ft)							Radius (ft)
	38	50	60	70	80	90	100	
12	12,700						2,20	12
15	10,900	12,400					0	15
20	8,600	10,200	11,000				1,70	20
25	5,400	7,100	8,500	8,80			0	25
30	3,100	5,000	5,900	0	6,60		1,10	30
35	1,200	3,300	4,300	6,30	0	5,20	0	35
40		1,900	2,900	0	5,10	0	0	40
45			1,800	4,80	0	3,90	3,90	45
50			900	0	3,80	0	0	50
				3,40	0	2,80	2,80	
				0	2,70	0	0	
				2,30	0	1,90	1,90	
				0	1,80	0	0	
				1,40	0	1,20	1,10	
				0	1,00	0	0	
					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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

20 Main Boom Lift Capacity Charts - Optional

5703 (supersedes 5683)-0115-N3TT

32,500 lb Counterweight • Fully Extended Outriggers • 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38	50	60	70	76.5/80	90	100	110	120	130	140	
7	200,000											8
8	180,000*											9
9	167,100*											10
10	158,300*											12
12	142,700*	152,100*	117,900	89,70								15
15	119,300	138,700*	108,800	0	85,100**							20
20	87,600	121,400	106,500	85,00	78,400**	57,70						25
25	68,000	89,800	90,200	0	76,500**	0	49,10	42,50				30
30	54,700	70,300	70,800	78,80	70,300**	56,20	0	0	33,700	29,700		35
35		57,100	57,600	0	58,700	0	45,80	42,50	31,200	29,400	24,400	40
40		47,500	49,100	70,30	49,200	55,30	0	0	30,900	29,100	24,100	45
45		40,500	41,600	0	41,600	0	45,20	38,30	30,600	28,800	24,000	50
50			34,600	63,60	34,600	54,50	0	0	29,900	28,600	23,800	55
55			29,300	0	29,400	0	42,50	35,50	27,800	26,800	23,700	60
60				58,10	25,300	48,80	0	0	25,300	24,800	23,600	65
65				0	22,400	0	38,20	33,40	22,000	21,900	22,100	70
70				49,40	20,000	41,10	0	0	19,300	20,000	19,600	75
75				0	17,700	0	33,70	30,30	18,100	17,700	17,400	80
80				41,80		34,20	0	0	16,200	15,800	15,500	85
85				0		0	28,80	27,90	14,500	14,100	13,800	90
90				34,90		28,90	0	0	13,100	12,700	12,500	95
95				0		0	24,80	24,70	11,900	11,600	11,300	100
100				29,60		26,00	0	0	10,800	10,500	10,200	105
105				0		0	21,50	22,30	9,800	9,500	9,200	110
110				25,50		22,80	0	0	8,900	8,600	8,300	115
115				0		0	20,00	19,60	8,100	7,800	7,500	120
120				22,50		20,10	0	0		7,100	6,800	125
125				0		0	17,80	17,70		6,400	6,100	130
130						17,80	0	0			5,500	
						0	16,50	16,50			5,000	
						15,80	0	0				

* Special Conditions Or Wire Rope Required

** 76.5 EM5 mode

*** Over Rear

0	13,50	13,40
	0	0
	12,20	12,20
	0	0
		11,10
		0
		10,10
		0

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5703 (supersedes 5683)-0115-N3TT

33,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Pounds)												
Radius (ft)	Boom Length (ft)											Radius (ft)
	38	50	60	70	76.5/80	90	100	110	120	130	140	
7	200,000											8
8	180,000*											9
9	167,600*											10
10	158,800*											12
12	143,600*	152,100*	117,900	89,70								15
15	123,700	138,700*	108,800	0	85,100**							20
20	91,300	122,600	106,500	85,00	78,400**	57,70						25
25	71,000	93,500	93,800	0	76,500**	0	49,10	42,50				30
30	57,200	73,300	73,800	78,80	73,300**	56,20	0	0	33,700	29,700		35
35		59,600	60,100	0	61,100	0	45,80	42,50	31,200	29,400	24,400	40
40		49,700	50,300	70,30	51,200	55,30	0	0	30,900	29,100	24,100	45
45		42,200	43,700	0	43,800	0	45,20	38,30	30,600	28,800	24,000	50
50			37,900	63,60	38,100	54,50	0	0	29,900	28,600	23,800	55
55			32,400	0	32,500	0	42,50	35,50	27,800	26,800	23,700	60
60				58,10	28,000	50,90	0	0	25,800	24,800	23,600	65
65				0	24,500	0	38,20	33,40	24,200	23,000	22,100	70
70				51,40	21,500	43,40	0	0	21,600	21,300	20,600	75
75				0	19,700	0	34,60	30,30	19,100	19,200	19,200	80
80				44,00		37,70	0	0	17,000	17,700	17,400	85
85				0		0	31,50	27,90	15,900	15,900	15,600	90
90				38,20		32,00	0	0	14,800	14,400	14,100	95
95				0		0	27,30	25,60	13,400	13,000	12,700	100
100				32,70		27,60	0	0	12,300	11,900	11,600	105
105				0		0	24,10	23,60	11,200	10,900	10,600	110
110				28,20		24,10	0	0	10,200	9,900	9,600	115
115				0		0	21,10	21,40	9,400	9,000	8,800	120
120				24,60		22,30	0	0		8,300	8,000	125
125				0		0	18,70	19,50		7,500	7,300	130
130						19,90	0	0			6,600	
						0	17,50	17,40			6,000	
						17,70	0	0				
* Special Conditions Or Wire Rope Required ** 76.5 EM5 mode *** Over Rear												

0	14,60	14,60
0	0	
13,80	13,70	
0	0	
	12,50	
	0	
	11,50	
	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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

22 Fly Attachment Lift Capacity Charts - Optional

5703 (supersedes 5683)-0115-N3TT

8,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)

140 ft Main Boom Length 2° Fly Offset			140 ft Main Boom Length 15° Fly Offset		
Radius (ft)	Fly Length (ft)		Radius (ft)	Fly Length (ft)	
	35	58		35	58
35	12,100		35		
40	12,100		40		
45	12,100	8,50	45	11,500	
50	12,100	0	50	11,400	
55	12,100	8,40	55	11,200	
60	12,100	0	60	11,000	7,20
65	11,900	8,30	65	10,800	0
70	10,400	0	70	10,600	7,00
75	9,000	8,10	75	9,700	0
80	7,800	0	80	8,500	6,80
85	6,800	8,00	85	7,400	0
90	5,900	0	90	6,400	6,70
95	5,100	7,80	95	5,600	0
100	4,400	0	100	4,800	6,50
105	3,700	7,70	105	4,200	0
110	3,200	0	110	3,600	6,30
115	2,700	7,50	115	3,000	0
120	2,200	0	120	2,500	6,20
125	1,800	7,30	125	2,100	0
130	1,400	0	130	1,700	6,00
135	1,100	6,40	135	1,300	0
140		0	140	900	5,60
145		5,60	145		0
		0			4,90
		4,90			0
		0			4,30
		4,20			0
		0			3,70
		3,60			0
		0			3,20
		3,10			0
		0			2,70
		2,60			0
		0			2,30
		2,20			0
		0			1,90
		1,80			0
		0			1,50
		1,50			0
		0			1,20

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.

5703 (supersedes 5683)-0115-N3TT

8,500 lb Counterweight - Fully Extended Outriggers - 360° Rotation
(All Capacities Are Listed In Pounds)

140 ft Main Boom Length 30° Fly Offset			140 ft Main Boom Length 45° Fly Offset		
Radius (ft)	Fly Length (ft)		Radius (ft)	Fly Length (ft)	
	35	58		35	58
35			35		
40			40		
45			45		
50			50		
55	10,000		55		
60	9,800		60		
65	9,700		65	8,80	
70	9,500		70	0	
75	9,400	5,70	75	8,80	
80	9,100	0	80	0	
85	8,000	5,60	85	8,70	4,90
90	7,000	0	90	0	0
95	6,100	5,50	95	8,60	4,90
100	5,300	0	100	0	0
105	4,600	5,40	105	8,40	4,80
110	3,900	0	110	0	0
115	3,300	5,30	115	7,40	4,80
120	2,800	0	120	0	0
125	2,300	5,20	125	6,40	4,70
130	1,900	0	130	0	0
135	1,500	5,10	135	5,60	4,70
140	1,100	0	140	0	0
145		4,90	145	4,80	4,70
150		0	150	0	0
155		4,30	155	4,20	4,10
		0		0	0
		3,70		3,50	3,60
		0		0	0
		3,20		3,00	3,10
		0		0	0
		2,70		2,50	2,60
		0		0	0
		2,30		2,00	2,10
		0		0	0
		1,90		1,50	1,70
		0		0	0
		1,50			1,30
		0			0
		1,20			1,00
		0			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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

11,500-lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Pounds)

140 ft Main Boom Length 2° Fly Offset				140 ft Main Boom Length 15° Fly Offset			
Radius (ft)	Fly Length (ft)			Radius (ft)	Fly Length (ft)		
	35	58	74		35	58	74
35	12,100			35			
40	12,100			40			
45	12,100	8,50		45	11,500		
50	12,100	0	6,60	50	11,400		
55	12,100	8,40	0	55	11,200		
60	12,100	0	6,60	60	11,000	7,20	
65	11,900	8,30	0	65	10,800	0	6,30
70	11,500	0	6,60	70	10,600	7,00	0
75	10,000	8,10	0	75	10,400	0	6,00
80	8,700	0	6,60	80	9,400	6,80	0
85	7,600	8,00	0	85	8,200	0	5,70
90	6,700	0	6,60	90	7,200	6,70	0
95	5,800	7,80	0	95	6,300	0	5,40
100	5,100	0	6,60	100	5,500	6,50	0
105	4,400	7,70	0	105	4,800	0	5,10
110	3,800	0	6,40	110	4,200	6,30	0
115	3,300	7,50	0	115	3,600	0	4,90
120	2,800	0	6,00	120	3,100	6,20	0
125	2,300	7,30	0	125	2,600	0	4,60
130	1,900	0	5,70	130	2,200	6,00	0
135	1,600	7,10	0	135	1,800	0	4,40
140	1,200	0	5,40	140	1,400	5,90	0
145	900	6,30	0	145	1,100	0	4,20
		0	5,10	150		5,60	0
		5,50	0	155		0	4,10
		0	4,80			4,90	0
		4,90	0			0	3,90
		0	4,20			4,30	0
		4,30	0			0	3,60
		0	3,60			3,80	0
		3,70	0			0	3,10
		0	3,10			3,30	0
		3,20	0			0	2,70
		0	2,70			2,80	0
		2,80	0			0	2,30
		0	2,20			2,40	0
		2,30	0			0	1,90
		0	1,90			2,00	0
		2,00	0			0	1,50
		0	1,50			1,70	0
		1,60	0			0	1,20
		0	1,20			1,30	0
		1,30	0			0	0
		0	0			1,00	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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

5703 (supersedes 5683)-0115-N3TT

11,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Pounds)

140 ft Main Boom Length 30° Fly Offset				140 ft Main Boom Length 45° Fly Offset			
Radius (ft)	Fly Length (ft)			Radius (ft)	Fly Length (ft)		
	35	58	74		35	58	74
35				35			
40				40			
45				45			
50				50			
55	10,000			55			
60	9,800			60			
65	9,700			65	8,80		
70	9,500			70	0		
75	9,400	5,70	4,600	75	8,80		
80	9,200	0	4,400	80	0		
85	8,800	5,60	4,200	85	8,70	4,90	3,700
90	7,700	0	4,100	90	0	0	3,500
95	6,800	5,50	3,900	95	8,60	4,90	3,400
100	6,000	0	3,700	100	0	0	3,300
105	5,200	5,40	3,600	105	8,60	4,80	3,200
110	4,500	0	3,500	110	0	0	3,100
115	3,900	5,30	3,300	115	8,10	4,80	3,000
120	3,400	0	3,200	120	0	0	2,900
125	2,900	5,20	3,100	125	7,20	4,70	2,800
130	2,400	0	3,000	130	0	0	2,700
135	2,000	5,10	2,700	135	6,30	4,70	2,700
140	1,600	0	2,300	140	0	0	2,600
145	1,200	5,00	1,900	145	5,50	4,70	2,200
150	900	0	1,600	150	0	0	1,800
155		4,90	1,200	155	4,80	4,60	1,400
160		0	900	160	0	0	1,100
		4,30		165	4,10	4,10	800
		0			0	0	
		3,80			3,50	3,60	
		0			0	0	
		3,30			3,00	3,10	
		0			0	0	
		2,80			2,50	2,60	
		0			0	0	
		2,40			2,00	2,20	
		0			0	0	
		2,00				1,80	
		0				0	
		1,60				1,40	
		0				0	
		1,30				1,00	
		0				0	
		1,00					

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.

32,500-lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Pounds)

140 ft Main Boom Length 2° Fly Offset					140 ft Main Boom Length 15° Fly Offset				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35	12,100				35				
40	12,100				40				
45	12,100	8,50			45	11,500			
50	12,100	0	6,600		50	11,400			
55	12,100	8,40	6,600	5,200	55	11,200			
60	12,100	0	6,600	5,200	60	11,000	7,20		
65	11,900	8,30	6,600	5,200	65	10,800	0	6,300	
70	11,700	0	6,600	5,200	70	10,600	7,00	6,000	4,800
75	11,500	8,10	6,600	5,100	75	10,400	0	5,700	4,500
80	11,300	0	6,400	4,800	80	10,200	6,80	5,400	4,200
85	11,000	8,00	6,000	4,500	85	10,000	0	5,100	4,000
90	10,500	0	5,700	4,200	90	9,700	6,70	4,900	3,700
95	10,100	7,80	5,400	4,000	95	9,400	0	4,600	3,500
100	9,700	0	5,100	3,700	100	9,000	6,50	4,400	3,300
105	8,800	7,70	4,900	3,500	105	8,700	0	4,200	3,100
110	8,000	0	4,700	3,300	110	8,400	6,30	4,100	3,000
115	7,300	7,50	4,500	3,200	115	7,600	0	3,900	2,800
120	6,600	0	4,300	3,000	120	6,900	6,20	3,700	2,700
125	6,000	7,30	4,100	2,800	125	6,300	0	3,600	2,500
130	5,500	0	3,900	2,700	130	5,700	6,00	3,500	2,400
135	5,000	7,10	3,800	2,500	135	5,200	0	3,300	2,300
140	4,500	0	3,600	2,400	140	4,700	5,90	3,200	2,200
145	4,100	6,90	3,500	2,300	145	4,200	0	3,100	2,100
150	3,700	0	3,400	2,200	150	3,800	5,70	3,000	2,000
155	3,300	6,70	3,200	2,100	155	3,400	0	2,900	1,900
160	2,900	0	3,100	2,000	160	3,000	5,60	2,900	1,800
165	2,500	6,50	2,700	1,900	165	2,600	0	2,800	1,700
170		0	2,400	1,800	170		5,50	2,700	1,600
175		6,30	2,100	1,800	175		0	2,300	1,600
180		0	1,800	1,700	180		5,30	2,000	1,500
185		6,00	1,500	1,400	185		0	1,700	1,500
190		0	1,200	1,200	190		5,10	1,400	1,400
195		5,80	1,000	900	195		0	1,100	1,100
200		0	800		200		4,90	800	900

0	4,70
5,30	0
0	4,60
5,20	0
0	4,40
4,90	0
0	4,30
4,40	0
0	4,00
4,00	0
0	3,60
3,70	0
0	3,20
3,30	0
0	2,80
2,90	0
0	2,50

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.

5703 (supersedes 5683)-0115-N3TT

32,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Pounds)

140 ft Main Boom Length 30° Fly Offset					140 ft Main Boom Length 45° Fly Offset				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35					35				
40					40				
45					45				
50					50				
55	10,000				55				
60	9,800				60				
65	9,700				65	8,800			
70	9,500				70	0			
75	9,400	5,70	4,60		75	8,800			
80	9,200	0	0	3,60	80	0			
85	9,100	5,60	4,40	0	85	8,700	4,90	3,70	
90	9,000	0	0	3,40	90	0	0	0	2,90
95	8,800	5,50	4,20	0	95	8,600	4,90	3,50	0
100	8,500	0	0	3,20	100	0	0	0	2,70
105	8,200	5,40	4,10	0	105	8,600	4,80	3,40	0
110	8,000	0	0	3,00	110	0	0	0	2,60
115	7,700	5,30	3,90	0	115	8,500	4,80	3,30	0
120	7,200	0	0	2,90	120	0	0	0	2,40
125	6,500	5,20	3,70	0	125	8,400	4,70	3,20	0
130	5,900	0	0	2,70	130	0	0	0	2,30
135	5,400	5,10	3,60	0	135	8,200	4,70	3,10	0
140	4,800	0	0	2,60	140	0	0	0	2,20
145	4,400	5,00	3,50	0	145	8,000	4,70	3,00	0
150	3,900	0	0	2,40	150	0	0	0	2,10
155	3,500	4,90	3,30	0	155	7,800	4,60	2,90	0
160		0	0	2,30	160	0	0	0	2,00
165		4,80	3,20	0	165	7,600	4,50	2,80	0
170		0	0	2,20	170	0	0	0	1,90
175		4,70	3,10	0	175	7,400	4,40	2,70	0
180		0	0	2,10	180	0	0	0	1,80
185		4,50	3,00	0	185	6,700	4,30	2,70	0
190		0	0	2,00	190	0	0	0	1,80
195		4,40	2,90	0		6,000	4,20	2,60	0
200		0	0	1,90		0	0	0	1,70
		4,30	2,80	0		5,400	4,100	2,600	0
		0	0	1,80		0	0	0	1,60
		4,20	2,80	0			4,000	2,500	0
		0	0	1,70			0	0	1,60
		4,10	2,70	0			4,000	2,500	0
		0	0	1,70			0	0	1,50
		4,00	2,60	0			3,900	2,500	0
		0	0	1,60			0	0	1,50
		3,800	2,600	0			2,500	0	0
		0	0	1,50			2,500	0	1,40
		3,400	2,500	0			2,500	0	0
		0	0	1,50			0	0	1,40
		3,000	2,500	0			2,500	0	0
		0	0	1,40			0	0	1,40
		2,600	2,500	0					0
		0	0	1,40					1,40
		2,200	2,200	0					0
		0	0	1,40					1,40

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.

Link-Belt Cranes

HTT-86100

39,500-lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Pounds)

140 ft Main Boom Length 2° Fly Offset					140 ft Main Boom Length 15° Fly Offset				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35	12,100				35				
40	12,100				40				
45	12,100	8,50			45	11,500			
50	12,100	0	6,60		50	11,400			
55	12,100	8,40	0	5,200	55	11,200			
60	12,100	0	6,60	5,200	60	11,000	7,20		
65	11,900	8,30	0	5,200	65	10,800	0	6,30	
70	11,700	0	6,60	5,200	70	10,600	7,00	0	4,800
75	11,500	8,10	0	5,100	75	10,400	0	6,00	4,500
80	11,300	0	6,60	4,800	80	10,200	6,80	0	4,200
85	11,000	8,00	0	4,500	85	10,000	0	5,70	4,000
90	10,500	0	6,60	4,200	90	9,700	6,70	0	3,700
95	10,100	7,80	0	4,000	95	9,400	0	5,40	3,500
100	9,700	0	6,60	3,700	100	9,000	6,50	0	3,300
105	9,300	7,70	0	3,500	105	8,700	0	5,10	3,100
110	8,900	0	6,40	3,300	110	8,400	6,30	0	3,000
115	8,500	7,50	0	3,200	115	8,100	0	4,90	2,800
120	7,800	0	6,00	3,000	120	7,900	6,20	0	2,700
125	7,100	7,30	0	2,800	125	7,400	0	4,60	2,500
130	6,500	0	5,70	2,700	130	6,800	6,00	0	2,400
135	6,000	7,10	0	2,500	135	6,200	0	4,40	2,300
140	5,500	0	5,40	2,400	140	5,700	5,90	0	2,200
145	5,000	6,90	0	2,300	145	5,200	0	4,20	2,100
150	4,500	0	5,10	2,200	150	4,700	5,70	0	2,000
155	4,100	6,70	0	2,100	155	4,300	0	4,10	1,900
160	3,700	0	4,90	2,000	160	3,800	5,60	0	1,800
165	3,400	6,50	0	1,900	165	3,400	0	3,90	1,700
170		0	4,70	1,800	170		5,50	0	1,600
175		6,30	0	1,800	175		0	3,70	1,600
180		0	4,50	1,700	180		5,30	0	1,500
185		6,00	0	1,600	185		0	3,60	1,500
190		0	4,30	1,600	190		5,10	0	1,400
195		5,80	0	1,500	195		0	3,50	1,400
200		0	4,10	1,300	200		4,90	0	1,400
205		5,60	0	1,100	205		0	3,30	1,300
210		0	3,90	900	210		4,70	0	1,000
		5,30	0		215		0	3,20	800
		0	3,80				4,60	0	

5,20

0

0

3,10

0

3,60

4,40

0

5,00

0

0

3,00

0

3,50

4,30

0

4,80

0

0

2,90

0

3,40

4,20

0

4,70

0

0

2,90

0

3,20

4,10

0

4,50

0

0

2,80

0

3,10

4,00

0

4,10

0

0

2,70

0

3,10

3,60

0

3,70

0

0

2,70

0

3,00

3,20

0

HTT-86100

Link-Belt Cranes

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.

5703 (supersedes 5683)-0115-N3TT

39,500 lb Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Pounds)

140 ft Main Boom Length 30° Fly Offset					140 ft Main Boom Length 45° Fly Offset				
Radius (ft)	Fly Length (ft)				Radius (ft)	Fly Length (ft)			
	35	58	74	90		35	58	74	90
35					35				
40					40				
45					45				
50					50				
55	10,000				55				
60	9,800				60				
65	9,700				65	8,800			
70	9,500				70	0			
75	9,400	5,70	4,60		75	8,800			
80	9,200	0	0	3,60	80	0			
85	9,100	5,60	4,40	0	85	8,700	4,90	3,70	
90	9,000	0	0	3,40	90	0	0	0	2,90
95	8,800	5,50	4,20	0	95	8,600	4,90	3,50	0
100	8,500	0	0	3,20	100	0	0	0	2,70
105	8,200	5,40	4,10	0	105	8,600	4,80	3,40	0
110	8,000	0	0	3,00	110	0	0	0	2,60
115	7,700	5,30	3,90	0	115	8,500	4,80	3,30	0
120	7,500	0	0	2,90	120	0	0	0	2,40
125	7,300	5,20	3,70	0	125	8,400	4,70	3,20	0
130	7,000	0	0	2,70	130	0	0	0	2,30
135	6,400	5,10	3,60	0	135	8,200	4,70	3,10	0
140	5,800	0	0	2,60	140	0	0	0	2,20
145	5,300	5,00	3,50	0	145	8,000	4,70	3,00	0
150	4,800	0	0	2,40	150	0	0	0	2,10
155	4,300	4,90	3,30	0	155	7,800	4,60	2,90	0
160		0	0	2,30	160	0	0	0	2,00
165		4,80	3,20	0	165	7,600	4,50	2,80	0
170		0	0	2,20	170	0	0	0	1,90
175		4,70	3,10	0	175	7,400	4,40	2,70	0
180		0	0	2,10	180	0	0	0	1,80
185		4,50	3,00	0	185	7,200	4,30	2,70	0
190		0	0	2,00	190	0	0	0	1,80
195		4,40	2,90	0		7,100	4,20	2,60	0
200		0	0	1,90		0	0	0	1,70
205		4,30	2,80	0		6,400	4,10	2,60	0
210		0	0	1,80		0	0	0	1,60

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.

Link-Belt Cranes

HTT-86100

Main Boom Lift Capacity Charts - Optional (Metric)

3 650kg Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)										Radius (m)	
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6		42.67
3.5	70 800	69 350	53 450	40 850								3.5
4	61 350*	62 250*	50 350	39 100								4
4.5	53 500	54 450	48 900	37 450								4.5
5	47 250	48 250	48 350	35 950	37 400							5
6	42 200	43 200	43 400	34 600	35 750	26 150						6
7	34 500	35 550	35 750	32 150	35 250	26 150						7
8	26 600	27 850	28 200	28 850	34 700	25 450	22 250	19 250				8
9	20 500	22 000	22 450	22 550	28 700	25 200	21 150	19 250				9
10	16 350	17 800	18 250	18 500	22 450	22 200	20 650	18 800	14 950	13 400		10
12		14 850	15 250	15 550	18 200	18 150	17 950	17 550	14 200	13 300	11 050	12
14		10 750	11 450	11 700	15 600	15 600	15 600	15 400	14 050	13 200	10 950	14
16			8 800	9 100	11 850	11 700	11 850	11 800	11 650	11 500	10 850	16
18			6 850	7 150	9 250	9 300	9 250	9 200	9 050	8 900	8 750	18
20				5 800	7 350	7 400	7 350	7 300	7 150	6 950	6 850	20
22					5 950	6 000	5 950	5 900	5 750	5 650	5 500	22
24					4 900	4 950	4 900	4 850	4 750	4 600	4 450	24
26					4 050	4 150	4 100	4 050	3 900	3 750	3 650	26
28						3 450	3 400	3 400	3 250	3 100	2 950	28
30							2 850	2 850	2 700	2 550	2 450	30
32							2 400	2 400	2 250	2 100	2 000	32
34								2 000	1 850	1 700	1 600	34
36								800	1 550	1 400	1 250	36
38									1 250	1 100	1 000	38
40										850	750	40
											500	
											350	
* Special Conditions Or Wire Rope Required												

* Special Conditions Or Wire Rope Required

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.



5703 (supersedes 5683)-0115-N3TT

3 650kg Counterweight - On Tires - Stationary - Boom Centered Over Rear (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	
3.5	11 000							3.5
4	10 150	10 450						4
4.5	9 250	9 900						4.5
5	8 450	9 100	9					5
6	7 700	8 450	350					6
7	6 450	7 200	8	7				7
8	5 400	6 200	800	700				8
9	4 500	5 350	7	6	6 100			9
10	3 650	4 600	600	800	5 450	4 850	3 750	10
12		3 800	6	6	4 700	4 800	3 750	12
14		2 550	600	000	3 450	3 500	3 500	14
16			5	5	2 500	2 600	2 600	16
18			800	300	1 850	1 950	1 900	18
20			5	4	1 350	1 450	1 400	20
22			100	550	950	1 000	1 000	22
24			4	3	650	700	650	24
			300	300		450	400	
			3	2				

3 650kg Counterweight - On Tires - Pick & Carry (1.0 km/h) - Boom Centered Over Rear (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	
3.5	8 200		500	200				3.5
4	5 500	5 750						4
4.5	4 900	5 500						4.5
5	4 300	5 000	5 250					5
6	3 800	4 550	4 900					6
7	2 900	3 650	4 050	4 150				7
8	2 100	2 950	3 350	3 600				8
9	1 450	2 350	2 800	3 000	3 150			9
10	900	1 800	2 250	2 500	2 650	2 600	2 600	10
12		1 350	1 850	2 050	2 200	2 300	2 250	12
14		600	1 100	1 350	1 500	1 550	1 550	14
16			500	750	900	1 000	1 000	16
					450	550	550	

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.

5210kg Counterweight • Fully Extended Outriggers • 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)											Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.67	
3.5	71 100	69 350	55 450	40 850								3.5
4	62 600*	63 450*	50 350	39 100								4
4.5	54 600	55 550	48 900	37 450								4.5
5	48 250	49 200	48 350	35 950	37 400							5
6	43 100	44 100	44 250	34 600	35 750	26 150						6
7	35 250	36 250	36 450	32 150	35 250	26 150						7
8	28 250	29 450	29 700	30 000	34 700	25 450	22 250	19 250				8
9	21 800	23 300	23 750	23 850	29 400	25 200	21 150	19 250				9
10	17 450	18 900	19 350	19 450	23 700	23 450	20 650	18 800	14 950	13 400		10
12		15 800	16 200	16 500	19 300	19 100	19 050	17 550	14 200	13 300	11 050	12
14		11 500	12 000	12 200	16 150	16 550	15 950	16 300	14 050	13 200	10 950	14
16			9 400	9 700	12 600	12 250	12 450	12 350	12 350	11 800	10 850	16
18			7 450	7 750	9 850	9 900	9 850	9 800	9 650	9 500	9 350	18
20				6 300	7 900	8 000	7 950	7 900	7 750	7 600	7 450	20
22					6 450	6 500	6 450	6 400	6 250	6 100	5 950	22
24					5 350	5 400	5 400	5 350	5 200	5 050	4 900	24
26					4 450	4 550	4 500	4 450	4 350	4 150	4 050	26
28						3 850	3 800	3 750	3 600	3 450	3 350	28
30							3 200	3 150	3 050	2 900	2 750	30
32							2 700	2 700	2 550	2 400	2 300	32
34								2 250	2 150	2 000	1 900	34
36								1 050	1 800	1 650	1 550	36
38									1 500	1 350	1 250	38
40										1 100	950	40
											750	
											550	
* Special Conditions Or Wire Rope Required												

* Special Conditions Or Wire Rope Required

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.



5703 (supersedes 5683)-0115-N3TT

5210kg Counterweight - On Tires - Stationary - Boom Centered Over Rear (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	
3.5	10 750							3.5
4	9 900	10 200						4
4.5	9 000	9 650						4.5
5	8 250	8 900	9					5
6	7 500	8 250	150					6
7	6 250	7 050	8	7				7
8	5 250	6 050	600	500				8
9	4 350	5 200	7	6	5 950			9
10	3 550	4 500	450	650	5 300	5 300	4 250	10
12		3 850	6	5	4 700	4 750	4 250	12
14		2 800	450	850	3 700	3 750	3 750	14
16			5	5	2 800	2 900	2 900	16
18			650	150	2 100	2 200	2 200	18
20			4	4	1 600	1 650	1 650	20
22			950	550	1 150	1 250	1 200	22
24			4	3	800	900	850	24
			350	550		600	550	
			3	2				

5210kg Counterweight - On Tires - Pick & Carry (1.0 km/h) - Boom Centered Over Rear (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	
3.5	5 950		750	450				3.5
4	5 400	5 850						4
4.5	4 550	5 500						4.5
5	4 100	4 850	5					5
6	3 600	4 300	350					6
7	2 700	3 500	4	3 950				7
8	1 950	2 800	650	3 400				8
9	1 300	2 200	3	2 850	3 000			9
10	750	1 700	900	2 350	2 500	2 450	2 450	10
12		1 250	3	1 950	2 050	2 150	2 150	12
14		500	200	1 200	1 400	1 450	1 450	14
16			2	650	800	900	900	16
			650			450	450	
			2					

2
150
1
700
1
000

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 577kg Counterweight • On Tires • Stationary • Boom Centered Over Rear (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	
3.5	10 400							3.5
4	9 650	9						4
4.5	8 800	900						4.5
5	8 050	9	8					5
6	7 300	400	900					6
7	6 100	8	8	7				7
8	5 100	700	400	300				8
9	4 200	8	7	6	5 800			9
10	3 450	050	250	500	5 150	5 150	4 250	10
12		6	6	5	4 550	4 650	4 250	12
14		850	300	750	3 600	3 650	3 650	14
16		5	5	5	2 800	2 900	2 850	16
18		900	500	050	2 150	2 250	2 250	18
20		5	4	4	1 650	1 750	1 700	20
22		100	800	450	1 200	1 300	1 250	22
24		4	4	3	850	900	900	24
		350	200	450		600	550	
		3	3	2				

6 577kg Counterweight • On Tires • Pick & Carry (1.0 km/h) • Boom Centered Over Rear (All Capacities Are Listed In Kilograms)								
Radius (m)	Boom Length (m)							Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	
3.5	5 750		750	500				3.5
4	5 150	5 600						4
4.5	4 500	5 200						4.5
5	3 950	4 700	4 950					5
6	3 350	4 200	4 600					6
7	2 550	3 250	3 850	3 950				7
8	1 800	2 650	3 000	3 150				8
9	1 150	2 050	2 500	2 700	2 800			9
10	600	1 550	2 000	2 200	2 350	2 350	2 350	10
12		1 100	1 550	1 800	1 950	2 000	2 000	12
14		350	850	1 100	1 250	1 350	1 300	14
				550	700	800	800	

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.



5703 (supersedes 5683)-0115-N3TT

14 742kg Counterweight • Fully Extended Outriggers • 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)											Radius (m)
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6	42.67	
3	85 000											3
3.5	72 400*											3.5
4	66 550*	69 550*	53	40 850								4
4.5	61 000*	64 300*	450	39 100								4.5
5	55 050	59 950*	50	37 450	37 400							5
6	49 250	55 950	350	35 950	35 750	26 150						6
7	40 450	50 200	48	34 600	35 250	26 150						7
8	34 000	41 400	900	32 150	34 700	25 450	22 250	19 250				8
9	29 150	35 050	48	30 000	34 700	25 200	21 150	19 250				9
10	25 150	30 200	350	28 150	30 200	24 950	20 650	18 800	14 950	13 400		10
12		26 300	47	26 550	27 000	24 700	20 500	17 550	14 200	13 300	11 050	12
14		22 100	000	22 900	22 750	22 550	19 750	16 450	14 050	13 200	10 950	14
16		16 650	41	17 200	17 050	16 900	16 700	15 200	13 850	13 050	10 850	16
18			600	13 500	13 400	13 450	13 200	13 000	13 350	12 750	10 750	18
20			35	11 150	11 250	11 200	11 000	11 050	10 900	11 050	10 700	20
22			250	9 250	9 350	9 350	9 300	9 350	9 450	9 300	9 150	22
24			30		8 150	7 900	8 200	8 150	8 000	7 850	7 700	24
26			400		7 000	7 000	7 050	7 000	6 850	6 700	6 600	26
28			26			6 150	6 100	6 100	5 950	5 800	5 750	28
30			500				5 350	5 350	5 250	5 100	4 950	30
32			22				4 700	4 700	4 600	4 450	4 350	32
34			800					4 150	4 050	3 900	3 800	34
36			17					2 800	3 550	3 400	3 300	36
38			100						3 150	3 000	2 900	38
40			13							2 650	2 550	40
			400								2 200	
			10								1 950	
			850									
* Special Conditions Or Wire Rope Required												

* Special Conditions Or Wire Rope Required

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.

17 917kg Counterweight - Fully Extended Outriggers - 360° Rotation (All Capacities Are Listed In Kilograms)												
Radius (m)	Boom Length (m)										Radius (m)	
	11.58	15.2	18.3	21.3	24.4	27.4	30.5	33.5	36.6	39.6		42.67
3	85 000											3
3.5	72 650*											3.5
4	66 800*	69 550*	53	40								4
4.5	61 600*	64 300*	450	850								4.5
5	56 750	59 950*	50	39	37 400							5
6	51 250	56 100	350	100	35 750	26 150						6
7	42 100	52 250	48	37	35 250	26 150						7
8	35 450	43 100	900	450	34 700	25 450	22 250	19 250				8
9	30 450	36 500	48	35	34 700	25 200	21 150	19 250				9
10	26 450	31 450	350	950	31 500	24 950	20 650	18 800	14 950	13 400		10
12		27 550	47	34	28 000	24 700	20 500	17 550	14 200	13 300	11 050	12
14		24 250	000	600	24 900	24 650	19 750	16 450	14 050	13 200	10 950	14
16		18 300	43	32	18 750	18 550	17 550	15 200	13 850	13 050	10 850	16
18			300	150	14 800	14 600	14 450	13 550	13 400	12 750	10 750	18
20			36	30	12 050	12 200	11 850	11 650	12 000	11 700	10 700	20
22			700	000	10 300	10 350	9 900	10 150	10 050	10 050	10 100	22
24			31	28	8 800	8 800	8 800	8 600	8 700	8 750	8 650	24
26			700	150	7 700	7 550	7 700	7 800	7 700	7 550	7 400	26
28			27	26		6 550	6 850	6 800	6 700	6 550	6 400	28
30			750	550			6 000	6 000	5 850	5 750	5 650	30
32			24	25			5 350	5 300	5 200	5 050	4 950	32
34			450	000				4 700	4 600	4 450	4 350	34
36			18	18				3 350	4 100	3 950	3 850	36
38			750	850					3 650	3 500	3 400	38
40			14	14						3 100	3 000	40
			800	900							2 650	
			12	12							2 350	
			000	150								
* Special Conditions Or Wire Rope Required												

* Special Conditions Or Wire Rope Required

250

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 - Optional (Metric)

3 856kg Counterweight - Fully Extended Outriggers - 360° Rotation
(All Capacities Are Listed In Kilograms)

42.67m Main Boom Length 2° Fly Offset			42.67m Main Boom Length 15° Fly Offset		
Radius (m)	Fly Length (m)		Radius (m)	Fly Length (m)	
	10.67	17.68		10.67	17.68
12	5 500		12		
14	5 500	3 850	14	5 200	
16	5 500	3 750	16	5 100	
18	5 500	3 700	18	5 000	3 300
20	4 750	3 600	20	4 900	3 150
22	3 900	3 500	22	4 200	3 050
24	3 250	3 400	24	3 500	2 950
26	2 650	2 900	26	2 900	2 850
28	2 200	2 400	28	2 400	2 750
30	1 800	2 000	30	2 000	2 300
32	1 500	1 650	32	1 650	1 950
34	1 200	1 350	34	1 350	1 600
36	950	1 100	36	1 050	1 350
38	700	900	38	850	1 100
40	500	700	40	600	850
42		500	42	400	650
44			44		500

42.67m Main Boom Length 30° Fly Offset			42.67m Main Boom Length 45° Fly Offset		
Radius (m)	Fly Length (m)		Radius (m)	Fly Length (m)	
	10.67	17.68		10.67	17.68
18	4 450		18		
20	4 350		20	3 950	
22	4 300		22	3 950	
24	3 750	2 550	24	3 900	
26	3 150	2 500	26	3 350	2 250
28	2 650	2 400	28	2 800	2 200
30	2 200	2 350	30	2 300	2 150
32	1 800	2 250	32	1 900	2 150
34	1 500	1 850	34	1 550	2 050
36	1 200	1 550	36	1 250	1 750
38	950	1 300	38	1 000	1 450
40	700	1 050	40	750	1 150
42	500	800	42		900
44		600	44		700
46		450	46		500

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.

5 216kg Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Kilograms)

42.67m Main Boom Length 2° Fly Offset				42.67m Main Boom Length 15° Fly Offset			
Radius (m)	Fly Length (m)			Radius (m)	Fly Length (m)		
	10.67	17.68	22.56		10.67	17.68	22.56
12	5 500			12			
14	5 500	3 850		14	5 200		
16	5 500	3 750	3 000	16	5 100		
18	5 500	3 700	3 000	18	5 000	3 300	
20	5 200	3 600	3 000	20	4 900	3 150	2 850
22	4 300	3 500	3 000	22	4 600	3 050	2 650
24	3 600	3 400	2 950	24	3 850	2 950	2 450
26	3 000	3 200	2 700	26	3 250	2 850	2 300
28	2 500	2 700	2 550	28	2 750	2 750	2 150
30	2 100	2 300	2 250	30	2 300	2 600	2 050
32	1 750	1 950	1 900	32	1 900	2 200	1 900
34	1 450	1 600	1 600	34	1 600	1 850	1 800
36	1 150	1 350	1 300	36	1 300	1 550	1 500
38	950	1 100	1 050	38	1 050	1 300	1 250
40	700	900	850	40	800	1 050	1 000
42	550	700	650	42	600	850	800
44	350	500	450	44	450	650	600
46				46		500	450

42.67m Main Boom Length 30° Fly Offset				42.67m Main Boom Length 45° Fly Offset			
Radius (m)	Fly Length (m)			Radius (m)	Fly Length (m)		
	10.67	17.68	22.56		10.67	17.68	22.56
18	4 450			18			
20	4 350			20	3 950		
22	4 300			22	3 950		
24	4 150	2 550	2 050	24	3 900		
26	3 500	2 500	1 900	26	3 650	2 250	1 650
28	2 950	2 400	1 800	28	3 100	2 200	1 550
30	2 450	2 350	1 700	30	2 600	2 150	1 500
32	2 050	2 300	1 600	32	2 200	2 150	1 450
34	1 750	2 100	1 550	34	1 800	2 100	1 400
36	1 400	1 800	1 500	36	1 500	1 950	1 350
38	1 150	1 500	1 400	38	1 200	1 650	1 300
40	900	1 250	1 200	40	950	1 350	1 250
42	700	1 000	1 000	42		1 100	1 100
44	500	800	800	44		900	900
46		600	600	46		650	700
48		450	400	48		450	500

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.



5703 (supersedes 5683)-0115-N3TT

14 742kg Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Kilograms)

42.67m Main Boom Length 2° Fly Offset					42.67m Main Boom Length 15° Fly Offset				
Radius (m)	Fly Length (m)				Radius (m)	Fly Length (m)			
	10.6	17.68	22.56	27.43		10.67	17.68	22.56	27.43
12	5				12				
14	500 5	3 850			14	5			
16	500 5	3 750	3 000		16	200			
18	500 5	3 700	3 000	2 350	18	5	3 300		
20	500 5	3 600	3 000	2 350	20	100	3 150	2 850	
22	400 5	3 500	3 000	2 350	22	5	3 050	2 650	2 100
24	300 5	3 400	2 950	2 200	24	000	2 950	2 450	1 950
26	150 5	3 300	2 700	2 050	26	4	2 850	2 300	1 800
28	000 4	3 200	2 550	1 850	28	900	2 750	2 150	1 650
30	550 4	3 100	2 350	1 750	30	4	2 700	2 050	1 550
32	000 3	2 950	2 200	1 600	32	750	2 600	1 900	1 400
34	500 3	2 800	2 100	1 500	34	4	2 550	1 800	1 300
36	100 2	2 650	1 950	1 400	36	650	2 400	1 700	1 250
38	750 2	2 550	1 850	1 300	38	4	2 300	1 650	1 150
40	400 2	2 300	1 750	1 200	40	550	2 200	1 550	1 050
42	100 1	2 000	1 650	1 100	42	4	2 100	1 500	1 000
44	850 1	1 800	1 600	1 050	44	350	1 950	1 400	950
46	650 1	1 550	1 500	1 000	46	4	1 700	1 350	900
48	450 1	1 400	1 300	900	48	150	1 500	1 300	850
50	250 1	1 200	1 150	850	50	3	1 300	1 250	800
52	100	1 050	1 000	800	52	650	1 100	1 050	750
54		900	850	800	54	3	950	900	700
56		750	700	700	56	250	800	750	700
58			550	500	58	2		600	600
60			400		60	850		450	450

2
500
2
200
1
950
1
700
1
500
1
300
1
100

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.

14 742kg Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Kilograms)

42.67m Main Boom Length 30° Fly Offset					42.67m Main Boom Length 45° Fly Offset				
Radius (m)	Fly Length (m)				Radius (m)	Fly Length (m)			
	10.6	17.68	22.56	27.43		10.67	17.68	22.56	27.43
18	4				18				
20	450 4				20	3			
22	350 4				22	950			
24	300 4	2	2 050	1 650	24	3			
26	200 4	550	1 900	1 550	26	950	2	1	
28	150 4	2	1 800	1 400	28	3	250	650	1 250
30	050 3	500	1 700	1 300	30	900	2	1	1 200
32	900 3	2	1 600	1 250	32	3	200	550	1 100
34	700 3	400	1 550	1 150	34	900	2	1	1 050
36	350 2	2	1 500	1 050	36	3	150	500	950
38	950 2	350	1 400	1 000	38	850	2	1	900
40	600 2	2	1 350	950	40	3	150	450	850
42	300 2	300	1 300	900	42	750	2	1	800
44	000 1	2	1 250	850	44	3	100	400	750
46	750 1	250	1 200	800	46	600	2	1	750
48	500	2	1 200	750	48	3	100	350	700
50		200	1 150	700	50	450	2	1	650
52		2	1 150	650	52	3	050	300	650
54		150	1 000	650	54	050	1	1	600
56		2	800	600	56	2	950	250	600
58		050	650	600	58	650	1	1	600
60		1		550	60	2	900	200	
62		950		350	62	350	1	1	
		1				2	850	150	
		900				050	1	1	
		1					800	150	
		800					1	1	
		1					600	150	
		600						1	
		1						100	
		400						1	
		1						100	
		200							
		1							
		000							

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.

5703 (supersedes 5683)-0115-N3TT

17 917kg Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Kilograms)

42.67m Main Boom Length 2° Fly Offset					42.67m Main Boom Length 15° Fly Offset				
Radius (m)	Fly Length (m)				Radius (m)	Fly Length (m)			
	10.6	17.68	22.56	27.43		10.67	17.68	22.56	27.43
12	5				12				
14	500 5	3			14	5			
16	500 5	850	3 000		16	200			
18	500 5	3	3 000	2 350	18	5	3		
20	500 5	750	3 000	2 350	20	100	300	2 850	
22	400 5	3	3 000	2 350	22	5	3	2 650	2 100
24	300 5	700	2 950	2 200	24	000	150	2 450	1 950
26	150 5	3	2 700	2 050	26	4	3	2 300	1 800
28	000 4	600	2 550	1 850	28	900	050	2 150	1 650
30	700 4	3	2 350	1 750	30	4	2	2 050	1 550
32	450 4	500	2 200	1 600	32	750	950	1 900	1 400
34	050 3	3	2 100	1 500	34	4	2	1 800	1 300
36	600 3	400	1 950	1 400	36	650	850	1 700	1 250
38	200 2	3	1 850	1 300	38	4	2	1 650	1 150
40	850 2	300	1 750	1 200	40	550	750	1 550	1 050
42	550 2	3	1 650	1 100	42	4	2	1 500	1 000
44	250 2	200	1 600	1 050	44	350	700	1 400	950
46	000 1	3	1 500	1 000	46	4	2	1 350	900
48	800 1	100	1 450	900	48	150	600	1 300	850
50	600 1	2	1 400	850	50	3	2	1 250	800
52	400	950	1 300	800	52	950	550	1 250	750
54		2	1 150	800	54	3	2	1 200	700
56		800	1 000	750	56	750	400	1 050	700
58		2	850	700	58	3	2	900	650
60		650	700	700	60	300	300	750	650
62		2	550	550	62	2	2	600	600
64		550		400	64	950	200		450
		2				2	2		
		400				650	100		
		2				2	2		
		300				350	000		
		2				2	1		
		150				100	950		
		1				1	1		
		950				850	850		
		1				1	1		
		700				650	650		
		1				1	1		
		550				450	450		
		1					1		
		350					250		
		1					1		
		200					100		

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.

17 917kg Counterweight – Fully Extended Outriggers – 360° Rotation
(All Capacities Are Listed In Kilograms)

42.67m Main Boom Length 30° Fly Offset					42.67m Main Boom Length 45° Fly Offset				
Radius (m)	Fly Length (m)				Radius (m)	Fly Length (m)			
	10.6	17.68	22.56	27.43		10.67	17.68	22.56	27.43
18	4				18				
20	450 4				20	3			
22	350 4				22	950			
24	300 4	2	2 050	1 650	24	3			
26	200 4	550	1 900	1 550	26	950	2	1	
28	150 4	2	1 800	1 400	28	3	250	650	1 250
30	050 3	500	1 700	1 300	30	900	2	1	1 200
32	900 3	2	1 600	1 250	32	3	200	550	1 100
34	700 3	400	1 550	1 150	34	900	2	1	1 050
36	550 3	2	1 500	1 050	36	3	150	500	950
38	450 3	350	1 400	1 000	38	850	2	1	900
40	050 2	2	1 350	950	40	3	150	450	850
42	700 2	300	1 300	900	42	750	2	1	800
44	400 2	2	1 250	850	44	3	100	400	750
46	150 1	250	1 200	800	46	600	2	1	750
48	900	2	1 200	750	48	3	100	350	700
50		200	1 150	700	50	500	2	1	650
52		2	1 150	650	52	3	050	300	650
54		150	1 100	650	54	400	1	1	600
56		2	1 100	600	56	3	950	250	600
58		050	950	600	58	100	1	1	600
60		1		600	60	2	900	200	
62		950		600	62	750	1	1	
64		1		450	64	2	850	150	
		900				450	1	1	
		1					800	150	
		850					1	1	
		1					800	150	
		800					1	1	
		1					700	100	
		700						1	
		1						100	
		500							
		1							
		300							

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.

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Link-Belt Construction Equipment Company Lexington, Kentucky

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