



HTC 86100

HTT 86100

100 U.S. ton | 85 metric ton Hydraulic Truck Crane
100 U.S. ton | 85 metric ton Truck Terrain Crane

- 38-140 ft (11.6-42.7 m) five-section, latching boom with no charted capacity deductions for telescoping loads.
- 38-58 ft (10.7-17.7 m) two-piece, bi-fold, on-board lattice attachment with 2°, 15°, 30°, 45° offsets - optional
- Two 16 ft (4.9 m) lattice inserts provide a total attachment length of 90 ft (27.4 m) - optional
- 237 ft (72.2 m) maximum tip height
- Modular style counterweights
- 16,880 lbs (7 656.6 kg) maximum winch line pull
- 480 fpm (146.3 m/min) maximum winch line speed
- Next generation operator's cab with improved visibility and ergonomics
- Automated Manual Transmission
- Front and rear air ride suspension
- Anti-lock (ABS) brakes
- Four lockable storage boxes
- "Stow 'n Go" steel pontoons



The HTT's all-wheel steer provides outstanding on-site mobility.

* Model with EPA
2013 Engine shown

HTC 86100 HTT 86100

Outstanding mobility on the road and on the job site

- 5-section latching boom with attachment flexibility
- Big, wide cab with outstanding visibility
- Winches deliver impressive numbers of line pull and line speed
- Counterweight flexibility, big engine and transmission power, along with air-ride promise incredible mobility on the road or on the job



35-58 ft (10.7-17.7 m)
two-piece bi-fold, lattice
attachment with 2°, 15°, 30°,
and 45° offsets

- Cruise control
- Three stage engine **compression brake**
- Ether injection system—**optional**
- **Automated transmission** (no clutch pedal) – 12 speeds forward, 2 speeds reverse with two modes of operation: **fully automatic and semi-automatic**
- Job site travel is **permissible with counterweight** for exceptional job site versatility.



- **Comfortable carrier:**
 - Dash-mounted **comprehensive instrumentation** with back-lit gauge
 - Roll up/down door window provides **excellent ventilation**
 - Fully adjustable **air-ride fabric seat**
 - **Suspended pedals**



- **Boom dolly/trailer ready** when equipped with optional boom float kit, rear electrical and air connections.

Optional rear electrical and air connections



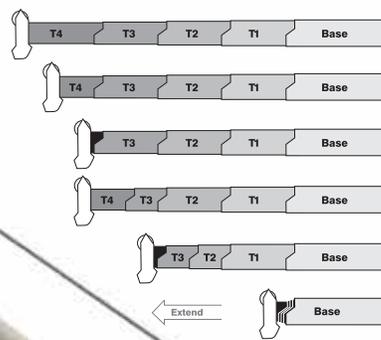
All **counterweight configurations** can be raised and lowered by hydraulic cylinders from the comfort of the operator's cab for ease of installation and removal.

There are two standard **locking storage boxes** with options for up to four boxes

Raydan™ air-ride suspension front and rear provides a smooth ride and precise handling. Optional air-ride lift system holds the rear suspension retracted while the crane is on outriggers.



Link-Belt



5-section full with attachment

- 38-140 ft (11.6-42.7 m) latching for superior capacities throughout
- No charted capacity deductions
- Boom requires no greasing because wear pucks impregnated in the
- No minimum boom angle for extension the boom sections
- 35-58 ft (10.7-17.7 m) two-piece attachment with 2°, 15°, 30°, and
- Two 16 ft (4.9 m) lattice inserts length of 90 ft (27.4 m)
- 237 ft (72.2 m) maximum tip height



Innovative two-part paint coating technology, coupled with pre-assembly paint process, provides the finest quality coating system available today.



Right side viewing camera

Large west coast-style rear viewing mirrors

Non-slip surface strips on carrier deck

Daytime running lights

Self-storing fifth outrigger pontoon

New document storage

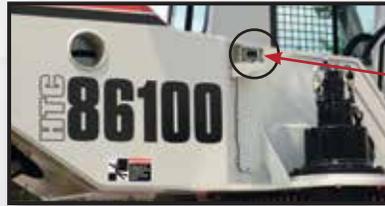
Large engine doors allow for easy access

Integrated air conditioning (not a roof-mounted system)

Aluminum wheels and radial tires with chrome and stainless wheel accents

Full air, S-cam anti-lock (ABS) brakes on all wheel ends with automatic slack adjusters

Mechanical boom angle indicator - standard



Integrated air conditioning

Swing camera

Folding viewing mirror for travel

Outrigger position sensing (OSHA)



Carrier-mounted outrigger located on each side of an engine throttle-up switch deployment. For fine level carrier, throttle can be

Stow 'n Go outrigger easily stored and secured need to remove the pontoon moves. Pontoon storage on rear fenders and side

Power boom flexibility

ing boom with five boom modes
out the extension range
s for telescoping loads
ause of ingenious Teflon
full contact wear pads
extending or retracting

ce, bi-fold, on board lattice
and 45° offsets
s provide a total attachment

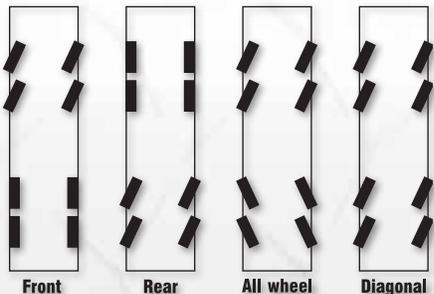
eight



Powerful and responsive hydraulics

- Six pump, pressure compensated hydraulic system allows simultaneous and precise function of boom hoist, winch and swing.
- Two-speed hydraulic piston motor system delivers superior hoisting. Matched size optional front and rear winches provide equal max line pulls of 16,880 lbs (75.0 kn) and max line speeds of 480 fpm (143 m/min) on 16" (.41 m) root diameter grooved drums.
- Drum rotation indicators - standard.
- Bi-directional hydraulic swing motor mounted to a planetary reduction unit for 360° swing. Spring applied hydraulic released 360° swing park brake provides infinite swing park positions as well as free swing when control is in a neutral position.

Steerable all wheel axles, in conjunction with super single tires, makes the HTT even harder to beat on the job-site, and NO changes to the on-outrigger capacity charts.



- Drive and steer capabilities for the rear axles
- Four steering modes:
 - Independent front, Independent rear, All wheel, Diagonal
- Rear axles self-center and lock in the straight ahead position for high speed travel
- Turning radius under 29 ft (8.8 m) at the edge of the tire
- 445/65R22.5 tires front and rear that are interchangeable
- Only one spare rim and tire combination is needed
- Transverse (cross-axle) differential locks that greatly improve traction on unimproved job-site conditions.

Winch viewing camera

Optional hoist drum cable follower and optional third wrap indicators

Access ladders and folding guardrails

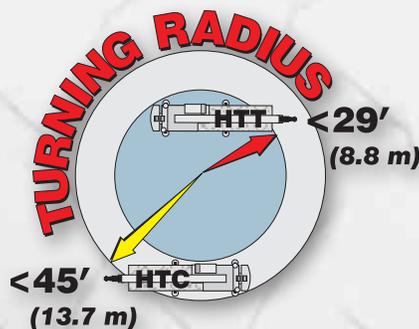
Standard 11,500 lbs (5 216 kg) counterweight

Rear camera



ger controls, the carrier, include switch for fast outrigger level adjusting of the taken down to idle.

ontons are quickly and d for travel, eliminating the on each time the crane space is also available access ladders.



The Confined Area Lifting Capacities (CALC) system provides three outrigger positions:

- full retraction
- intermediate extension
- full extension

Outrigger pins eliminate guesswork by automatically positioning outriggers at midpoint position.





Roomier and quieter operator's cab

- **Extra Large front window** seamlessly merges into the roof window
- Sliding left side door, right and rear windows, and swing up top window provide **excellent ventilation**
- All gauges, switches, indicators and controls are placed in the operators forward line of sight for **excellent ergonomics**
- **All gauges and switches are backlit** for excellent visibility when the cab working lights are switched to the on position
- **Integrated air conditioning** utilizes the same ventilation outlets as the standard heating system

Total crane operating system

Link-Belt PULSE

Link-Belt Pulse is the Link-Belt designed total crane operating system. It includes the rated capacity limiter, boom extend mode controller (EMC), self-diagnostic capabilities and continuous monitoring of multiple crane functions and conditions. To aid operators in a safe and efficient operation, its high-resolution, color-intense graphic display provides excellent contrast even in direct sunlight.



Superior accessibility

Access to the operator's cab and engine compartment is superb with strategically located ladders and steps. The pull-out CabWalk™ slides out from its secured travel position underneath the operator's cab to give the operator a platform to stand on for easy entry and exit from the cab.



Multiple counterweight configurations give you capacities for any size job

- Standard - total of 11,500 lbs (5 216 kg) of removable counterweights. Capacities for five different counterweight configurations.
- Optional - up to 39,500 lbs (17 917.2 kg) of removable counterweights. Capacities for up to thirteen different counterweight configurations.
- All configurations can be raised and lowered by hydraulic cylinders from the comfort of the operator's cab for ease of installation and removal.



Out of cab external light bar



Internal light bar



Telematics. You own the data!

Cellular-based data logging and monitoring system that provides:

- Viewing options for sharing data with distributor and Link-Belt
- Location and operational settings
- Monitor routine maintenance intervals
- Crane and engine monitoring
- Diagnostic and fault codes



Link-Belt Construction Equipment Company is a leader in the design, manufacture and sales of telescopic and lattice boom cranes with headquarters and manufacturing facilities in Lexington, Kentucky, USA. Link-Belt is committed to the manufacture and service of high quality products that satisfy customers worldwide

Towards that end, Link-Belt has pursued a strategy of growth and investment. It has moved aggressively to seize more global market share by producing a broader range of products and strengthening distribution and personnel around the globe.

Link-Belt is also home to a family of passionate professionals with a legacy of innovation and cutting-edge technology spanning over 140 years. These professionals, in a 740,000 sq. ft. (68 748 m2) manufacturing facility and with a culture of continuous innovation, have pushed Link-Belt to be the most modern crane manufacturer in North America.

**Your crane investment is always protected...
with your Link-Belt distributor.**

When you invest in a Link-Belt crane, you invest in a legacy of outstanding customer support dating back to 1874. The ultimate value of a machine begins with state-of-the-art design and quality manufacturing, but it is the excellent Link-Belt distributor product support that determines its long term value. This philosophy has earned Link-Belt cranes the enviable position of traditionally commanding some of the highest resale prices in the industry.

"... to be recognized as a leader in customer service & satisfaction."
— The Link-Belt Vision

Link-Belt®
Preferred

As a member of Link-Belt Cranes user's group, you will have access to:

- A comprehensive online library of all parts, service and operator manuals for YOUR crane
- Interactive, live groundbearing calculations for YOUR crane
- Plus a vast array of information on new products, services and special offerings
- Online access to recommended spare parts lists, filter, lube and key lists plus maintenance information and more
- No annual fee or charges to access your crane information

Link-Belt was born because our founding father understood the importance of replacement parts.

William Banta Everett

Building on that principal...

- Trained technical specialists
- Faster and more efficient customer service
- State of the art computer information systems
- 24 hours a day, 7 days a week
- 72,000 Sq. Ft. Parts Distribution Center
- All parts in stock ship the same business day

Link-Belt CRANES GENUINE PARTS

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6/15 1507 #4468 (supersedes #4448)

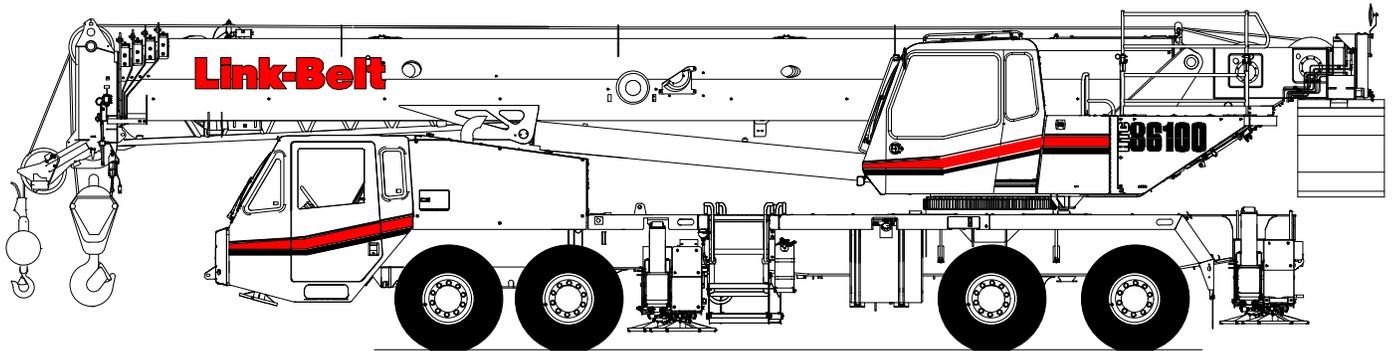
Link-Belt
CRANES
Lexington, Kentucky | www.linkbelt.com

Technical Data

Specifications & Capacities

HTC 86100

Telescopic Boom Truck 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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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 extension of the telescoping sections:
 - EM1 extends to 140.0 ft (42.7m)
 - 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 for 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: -3° 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 safety latch
- 60 ton (54.4mt) 4 sheave quick-reeve hook block with safety latch
- 90 ton (81.6mt) 6 sheave quick-reeve hook block with safety latch
- 8.5 ton (7.7mt) 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 2° , 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 2° , 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 the boom head and fly options. Maximum tip height is 221 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 (6 577.1kg) of counterweight required.

■ Upper Operator's Cab and Controls

Environmental Cab – Fully enclosed, one person cab of galvanneal 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
- LED Dome light
- Cup holder
- Fire extinguisher
- Left side viewing mirror
- Pull—out cabwalk
- Two position travel swing lock
- AM/FM Radio

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
- Swing brake
- Engine throttle

Right Front Console – Controls and indicators for:

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

Link-Belt Pulse – The Link-Belt in-house designed, total crane operating system that utilizes the display as a readout and operator interface for the following systems:

- **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
 - Operator defined area (imaginary plane)
- **Telematics** – Cellular—based data logging and monitoring system that provides:
 - Location and operational settings
 - Routine maintenance
 - Crane and engine monitoring
 - Diagnostic and fault codes
- **Extend control module (ECM)**
 - 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.

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 LED working lights on front of the cab
- One LED working light on the top of the cab — optional
- 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 — 3/4 in (19mm) 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 | 16,880 | 75.09 | 179 | 54.6 | 356 | 108.5 | 114 | 34.7 | 114 | 34.7 |
| 2 | 15,519 | 69.03 | 195 | 59.4 | 387 | 118.0 | 124 | 37.8 | 238 | 72.5 |
| 3 | 14,362 | 63.89 | 211 | 64.3 | 418 | 127.4 | 134 | 40.8 | 372 | 113.4 |
| 4 | 13,365 | 59.45 | 226 | 68.9 | 449 | 136.9 | 144 | 43.9 | 516 | 157.3 |
| 5 | 12,497 | 55.59 | 242 | 73.8 | 480 | 146.3 | 154 | 46.9 | 670 | 204.2 |
| 6 | --- | --- | --- | --- | --- | --- | 164 | 50.0 | 834 | 254.2 |

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

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
- Drum diameter: 16 in (40.6cm)
- Rope length:
 - 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 controlled from the operator's cab with capacities for:

- 0 lb (0kg) counterweight
- 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:

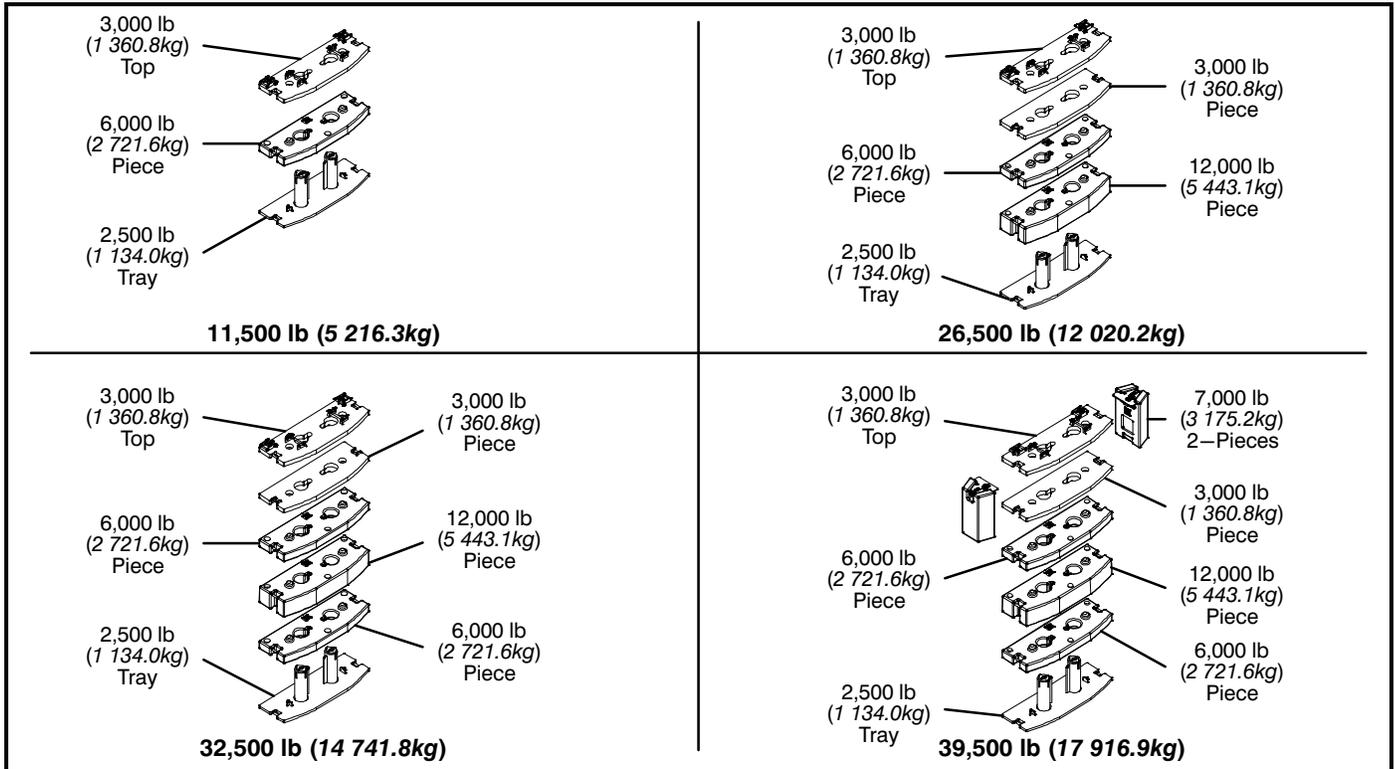
- 14,500 lb (6 577.1kg) counterweight
- 17,500 lb (7 937.9kg) counterweight
- 20,500 lb (9 298.6kg) counterweight
- 23,500 lb (10 659.4kg) counterweight
- 26,500 lb (12 020.2kg) counterweight
- 29,500 lb (13 381.0kg) counterweight
- 32,500 lb (14 741.8kg) counterweight

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*

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

* Overall width of the crane increases to 11 ft (3.4m) for this counterweight configuration



| Counterweight Packages | | 11,500 lb (5 216.3kg) — Standard | | | | | | |
|------------------------------------|---------------------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|-----------------------------------|----------------------------------|-------------------------------------|
| | | 26,500 (12 020.2kg) — Optional | | | | | | |
| Counterweight Modules | | 32,500 (14 741.8kg) — Optional | | | | | | |
| | | 39,500 (17 916.9kg) — Optional | | | | | | |
| | | 2,500 lb (1 134.0kg) Tray | 6,000 lb (2 721.6kg) Piece | 3,000 lb (1 360.8kg) Top | 3,000 lb (1 360.8kg) Piece | 12,000 lb (5 443.1kg) Piece | 6,000 lb (2 721.6kg) Piece | 7,000 lb (3 175.2kg) 2—Pieces |
| Counterweight Usage Configurations | 0 lb (0kg) | | | | | | | |
| | 2,500 lb (1 134.0kg) | X | | | | | | |
| | 5,500 lb (2 494.8kg) | X | | X | | | | |
| | 8,500 lb (3 855.5kg) | X | X | | | | | |
| | 11,500 lb (5 216.3kg) | X | X | X | | | | |
| | 14,500 lb (6 577.1kg) | X | X | X | X | | | |
| | 17,500 lb (7 937.9kg) | X | X | X | | | X | |
| | 20,500 lb (9 298.6kg) | X | X | X | X | | X | |
| | 23,500 lb (10 659.4kg) | X | X | X | | X | | |
| | 26,500 (12 020.2kg) | X | X | X | X | X | | |
| | 29,500 lb (13 381.0kg) | X | X | X | | X | X | |
| | 32,500 (14 741.8kg) | X | X | X | X | X | X | |
| 39,500 (17 916.9kg) | X | X | X | X | X | X | X | |

Carrier

General

- 8 ft 6 in (2.6m) wide
- 23 ft 10 in (7.26m) wheelbase (centerline of first axle to centerline of fourth axle)
- **Frame** — Box-type, torsion resistant, welded construction made of high tensile steel. Equipped with front and rear towing and tie-down lugs, tow connections, and access ladders.

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 16 in (40.64cm) diameter, self storing with integral check valves is hydraulically controlled from the operator's cab and at the front bumper of carrier.

Pontoons

- **Main** — 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 boxes
- **Front Bumper** — One, lightweight, self-storing, 16" (40.6cm) diameter steel pontoon with a contact area of 201 in² (1 296cm²)

Jack Reaction

- **Main** — 106,000 lb (471.5kN) force and 218 psi (1 503kPa) ground bearing pressure
- **Front Bumper** — 51,000 lb (226.9kN) force and 254 psi (1 751kPa) ground bearing pressure

Steering and Axles

- Sheppard full integral master gear/slave gear steering system provides hydraulic assisted steering with mechanical link between steering wheel and wheels
- **Drive** — 8 x 4 for on/off-highway travel
- **Axle 1 & 2** — Tandem steered, non-driven
- **Axle 3 & 4** — Tandem non-steered, driven with reduction: 5.38 to 1
- **Inter-Axle Differential Lock** — Traction adding device that locks axle 3 with axle 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 with a switch on both sides of the carrier.

Tires and Wheels

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

Rear — Eight (dual) 12R22.5 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 automatically apply when air pressure drops below 40 psi (275.8kPa) in both circuits.

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 behind 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) | 5.39 x 6.65 (137x169) |
| Piston Displacement: in ³ (L) | 729 (11.9) | 915 (15.0) |
| Max. Brake Horsepower: hp (kW) | 450 (336) @ 1,800 rpm 414 (309) @ 2,100 rpm | 480 (358.8) @ 1,800 rpm 450 (336) @ 2,100 rpm |
| Peak Torque: ft lb (Nm) | 1,550 (2 102) @ 1,200 rpm | 1,550 (2 102) @ 1,400 rpm |
| Alternator: volts — amps | 12 — 145 | 12 — 135 |
| Crankcase Capacity: qt (L) | 48 (45.4) | 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
- 220 volt engine block heater — QSX15
- Engine equipped with on-board diagnostics — ISX
- Cummins QSX15 Two stage compression brake

(1) Can only be sold and/or operated where EPA2013 on-highway emission standards are accepted.

(2) Can only be sold and/or operated where Tier 3/Stage IIIA off-highway emission standards are accepted.

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 | | |
| Gear | Ratio | mph | km/h | mph | km/h | EPA 2013 | Tier 3/ Stage IIIA | |
| | | | | | | 12th | 0.78 | 62.9 |
| 11th | 1.00 | 48.9 | 78.7 | 48.9 | 78.7 | 3.9 | 3.3 | |
| 10th | 1.27 | 38.6 | 62.1 | 38.6 | 62.1 | 5.0 | 4.6 | |
| 9th | 1.63 | 30.0 | 48.3 | 30.0 | 48.3 | 6.4 | 6.2 | |
| 8th | 2.10 | 23.3 | 37.5 | 23.3 | 37.4 | 8.3 | 8.3 | |
| 7th | 2.70 | 18.1 | 29.1 | 18.1 | 29.1 | 10.6 | 10.9 | |
| 6th | 3.55 | 13.8 | 22.2 | 13.8 | 22.1 | 14.0 | 14.6 | |
| 5th | 4.57 | 10.7 | 17.2 | 10.7 | 17.2 | 17.9 | 19.0 | |
| 4th | 5.78 | 8.5 | 13.7 | 8.5 | 13.6 | 22.7 | 24.3 | |
| 3rd | 7.44 | 6.6 | 10.6 | 6.6 | 10.6 | 29.2 | 31.4 | |
| 2nd | 9.59 | 5.1 | 8.2 | 5.1 | 8.2 | 37.7 | 40.7 | |
| 1st | 12.33 | 4.0 | 6.4 | 4.0 | 6.4 | 48.4 | 52.4 | |
| Reverse 1 | | 11.41 | 4.3 | 6.9 | 4.3 | 6.9 | 44.9 | 48.5 |
| Reverse 2 | | 8.88 | 5.5 | 8.9 | 5.5 | 8.9 | 34.9 | 37.6 |
| Creep @ idle | 2nd | 9.59 | 1.7 | 2.7 | 1.7 | 2.7 | 19.5 | 28.8 |
| | 1st | 12.33 | 1.3 | 2.1 | 1.3 | 2.1 | 25.0 | 37.2 |
| | Reverse 1 | 11.41 | 1.4 | 2.3 | 1.4 | 2.3 | 23.2 | 34.4 |
| | Reverse 2 | 8.88 | 1.8 | 3.0 | 1.8 | 3.0 | 18.0 | 26.6 |

Based on a gross vehicle weight of 95,000 lb (43 091.3kg)

Fuel Tank

- One 95 gal (359.6L) capacity tank
- One 10 gal (37.8L) capacity diesel exhaust fluid (DEF) plastic 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
- Right side window
- 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
- LED Dome light
- 12 volt connection
- Fire extinguisher

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

Overhead Console — Located above the sun visor

- Document storage unit
- AM/FM Radio
- 12 volt accessory jack (switched)
- 12 volt accessory jack (unswitched)
- Strobe beacon switch

Camera Display — Located on dash console

- Displays right side of machine
- Displays rear view

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

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 (EPA 2013 engine only)
- Park brake
- Pick & carry switch
- Inter-axle differential lock switch
- Engine ignition (EPA 2013 engine only)
- Rear axle lift system switch — optional

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

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

Axle Loads

| Base crane with full tank of fuel and no counterweight | Gross Vehicle Weight ⁽¹⁾ | | Front Axles | | Rear Axles | |
|---|-------------------------------------|--------|-------------|--------|------------|--------|
| | lb | kg | lb | kg | lb | kg |
| | EPA 2013 | 79,424 | 36 026 | 35,425 | 16 068 | 43,999 |
| Tier 3/Stage IIIA | 79,270 | 35 956 | 35,379 | 16 047 | 43,890 | 19 908 |
| Driver in carrier cab | 250 | 113 | 315 | 143 | -65 | -29 |
| Rear pintle hook | 13 | 6 | -6 | -3 | 19 | 8 |
| Pneumatic and electrical connectors for trailer or boom dolly | 11 | 5 | -4 | -2 | 15 | 7 |
| Carrier aluminum storage box | 59 | 27 | 28 | 13 | 31 | 14 |
| Air ride lift system – rear axles | 58 | 26 | 0 | 0 | 58 | 26 |
| Ether injection | 5 | 3 | 4 | 2 | 1 | 1 |
| Hoist drum follower – main | 69 | 31 | -35 | -16 | 104 | 47 |
| Auxiliary winch with 600 ft (182.9m) of 3/4" (19mm) type "RB" rope | 735 | 333 | -240 | -109 | 975 | 442 |
| Hoist drum follower – auxiliary | 69 | 31 | -21 | -10 | 90 | 41 |
| Substitute 600 ft (182.9m) of rope with 730 ft (222.5m) of rope – auxiliary | 163 | 74 | -54 | -24 | 217 | 98 |
| Remove 730 ft (222.5m) of rope from rear (main) winch | -931 | -422 | 373 | 169 | -1,304 | -591 |
| Remove 600 ft (182.9m) of rope from front (auxiliary) winch | -768 | -348 | 252 | 114 | -1,020 | -463 |
| 360° mechanical swing lock | 140 | 64 | 21 | 9 | 119 | 54 |
| 2,500 lb (1 134.0kg) counterweight tray on upper | 2,544 | 1 154 | -1,255 | -569 | 3,799 | 1 723 |
| 3,000 lb (1 360.8kg) counterweight on upper | 2,981 | 1 352 | -1,471 | -667 | 4,452 | 2 019 |
| 6,000 lb (2 721.6kg) counterweight on upper | 6,000 | 2 722 | -2,961 | -1 343 | 8,961 | 4 065 |
| 6,000 lb (2 721.6kg) counterweight on upper | 6,000 | 2 722 | -2,961 | -1 343 | 8,961 | 4 065 |
| 12,000 lb (5 443.1kg) counterweight on upper | 12,050 | 5 466 | -5,947 | -2 697 | 17,997 | 8 163 |
| 3,000 lb (1 360.8kg) top counterweight on upper | 3,009 | 1 365 | -1,485 | -674 | 4,494 | 2 038 |
| Floodlight to the front of boom base section | 7 | 3 | 6 | 3 | 1 | 1 |
| Fly mounting brackets to boom base section for fly options | 176 | 80 | 136 | 62 | 40 | 18 |
| 35 ft (10.7m) offsettable, one-piece lattice fly – stowed | 1,591 | 722 | 1,539 | 698 | 52 | 24 |
| 35–58 ft (10.7–17.7m) offsettable, two-piece (bi-fold) lattice fly – stowed | 2,263 | 1 026 | 1,886 | 855 | 377 | 171 |
| Auxiliary lifting sheave | 110 | 50 | 200 | 91 | -90 | -41 |
| 40 ton (36.3mt) 4-sheave hook block at front bumper | 900 | 408 | 1,570 | 712 | -670 | -304 |
| 60 ton (54.4mt) 4-sheave hook block at front bumper | 1,109 | 503 | 1,935 | 878 | -826 | -375 |
| 100 ton (90.7mt) 6-sheave hook block at front bumper | 1,554 | 705 | 2,711 | 1 230 | -1,157 | -525 |
| 8.5 ton (7.7mt) hook ball at front bumper | 360 | 163 | 628 | 285 | -268 | -122 |
| 10 ton (9.1mt) hook ball at front bumper | 580 | 263 | 1,012 | 459 | -432 | -196 |

| Counterweight Load Transfer | Front Axles | | Rear Axles | |
|--|-------------|-------|------------|--------|
| | lb | kg | lb | kg |
| Transfer 2,500 lb (1 134.0kg) counterweight tray to carrier deck | 3,194 | 1 449 | -3,194 | -1 449 |
| Transfer 3,000 lb (1 360.8kg) counterweight to carrier deck | 3,742 | 1 697 | -3,742 | -1 697 |
| Transfer 6,000 lb (2 721.6kg) counterweight to carrier deck | 7,532 | 3 416 | -7,532 | -3 416 |
| Transfer 6,000 lb (2 721.6kg) counterweight to carrier deck | 7,532 | 3 416 | -7,532 | -3 416 |
| Transfer 12,000 lb (5 443.1kg) counterweight to carrier deck | 15,128 | 6 862 | -15,128 | -6 862 |
| Transfer 3,000 lb (1 360.8kg) top counterweight to carrier deck | 3,778 | 1 714 | -3,778 | -1 714 |

| Axle | Maximum Load @ 65 mph (105km/h) |
|-------|--|
| Front | 46,400 lb (21 047kg) – aluminum disc wheels with 445/65R22.5 tires |
| Rear | 52,000 lb (23 587kg) – aluminum disc wheels with 12R22.5 tires |

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

Axle Loads with 2–Axle or 3–Axle Boom Dolly

| Base crane with full tank of fuel and no counterweight | Gross Vehicle Weight ⁽¹⁾ | | Front Axles | | Rear Axles | | Dolly Axles | |
|---|-------------------------------------|--------|-------------|--------|------------|--------|-------------|--------|
| | lb | kg | lb | kg | lb | kg | lb | kg |
| | EPA 2013 | 79,424 | 36 026 | 30,249 | 15 977 | 35,223 | 15 977 | 13,951 |
| Tier 3/Stage IIIA | 79,270 | 35 956 | 30,207 | 13 701 | 35,112 | 15 927 | 13,951 | 6 328 |
| Nelson 2–axle boom dolly | 6,000 | 2 722 | 0 | 0 | 0 | 0 | 6,000 | 2 722 |
| Nelson 3–axle boom dolly | 9,000 | 4 082 | 0 | 0 | 0 | 0 | 9,000 | 4 082 |
| Driver in carrier cab | 250 | 113 | 315 | 143 | –65 | –29 | 0 | 0 |
| Rear pintle hook | 13 | 6 | –6 | –3 | 19 | 8 | 0 | 0 |
| Pneumatic and electrical connectors for trailer or boom dolly | 11 | 5 | –4 | –2 | 15 | 7 | 0 | 0 |
| Carrier aluminum storage box | 59 | 27 | 28 | 13 | 31 | 14 | 0 | 0 |
| Air ride lift system – rear axles | 58 | 26 | 0 | 0 | 58 | 26 | 0 | 0 |
| Ether injection | 5 | 2 | 5 | 2 | 1 | 1 | 0 | 0 |
| Hoist drum follower – main | 69 | 31 | 53 | 24 | 16 | 7 | 0 | 0 |
| Auxiliary winch with 600 ft (182.9m) of 3/4" (19mm) type "RB" rope | 735 | 333 | 437 | 198 | 298 | 135 | 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 | 2,544 | 1 154 | 1,938 | 879 | 606 | 275 | 0 | 0 |
| 3,000 lb (1 360.8kg) counterweight on carrier deck | 2,981 | 1 352 | 2,271 | 1 030 | 710 | 322 | 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 |
| 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 | 12,050 | 5 466 | 9,181 | 4 164 | 2,869 | 1 301 | 0 | 0 |
| 3,000 lb (1 360.8kg) top counterweight on upper | 3,009 | 1 365 | 2,293 | 1 040 | 716 | 325 | 0 | 0 |
| Flood light to the front of boom base section | 7 | 3 | 1 | 1 | 1 | 1 | 5 | 2 |
| Fly mounting brackets to boom base section for fly options | 176 | 80 | 30 | 14 | 30 | 14 | 116 | 53 |
| 35 ft (10.7m) offsettable, one–piece lattice fly – stowed | 1,591 | 722 | 168 | 76 | 170 | 77 | 1,253 | 568 |
| 35–58 ft (10.7–17.7m) offsettable, two–piece (bi–fold) lattice fly – stowed | 2,263 | 1 026 | 339 | 154 | 342 | 155 | 1,583 | 718 |
| Two 16 ft (4.9m) lattice inserts (stowed on 3–axle boom dolly) | 1,584 | 718 | 0 | 0 | 0 | 0 | 1,584 | 718 |
| Auxiliary lifting sheave | 110 | 50 | –19 | –9 | –19 | –9 | 149 | 67 |
| 40 ton (36.3mt) 4–sheave hook block at boom head | 900 | 408 | –134 | –61 | –135 | –61 | 1,169 | 530 |
| 60 ton (54.4mt) 4–sheave hook block at boom head | 1,109 | 503 | –165 | –75 | –167 | –76 | 1,441 | 654 |
| 100 ton (90.7mt) 6–sheave hook block at boom head | 1,554 | 705 | –231 | –105 | –233 | –106 | 2,019 | 916 |
| 8.5 ton (7.7mt) hook ball at boom head | 360 | 163 | –54 | –24 | –54 | –25 | 468 | 212 |
| 10 ton (9.1mt) hook ball at boom head | 580 | 263 | –87 | –39 | –87 | –39 | 754 | 342 |

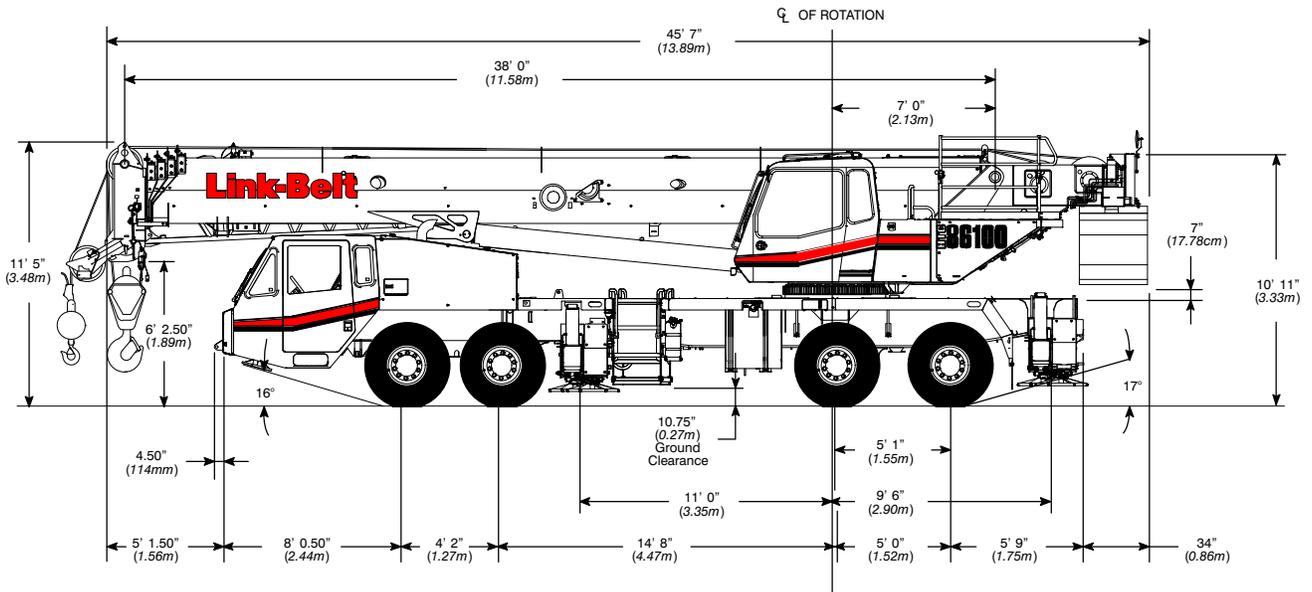
| Counterweight Load Transfer | Front Axles | | Rear Axles | | Dolly Axles | |
|---|-------------|--------|------------|--------|-------------|-------|
| | lb | kg | lb | kg | lb | kg |
| Transfer 3,000 lb (1 360.8kg) counterweight to the boom dolly | –2,271 | –1 030 | –710 | –322 | 2,981 | 1 352 |
| 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 |

| Axle | Maximum Load @ 65 mph (105km/h) |
|-------|--|
| Front | 46,400 lb (21 047kg) – aluminum disc wheels with 445/65R22.5 tires |
| Rear | 52,000 lb (23 587kg) – aluminum disc wheels with 12R22.5 tires |

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

General Dimensions

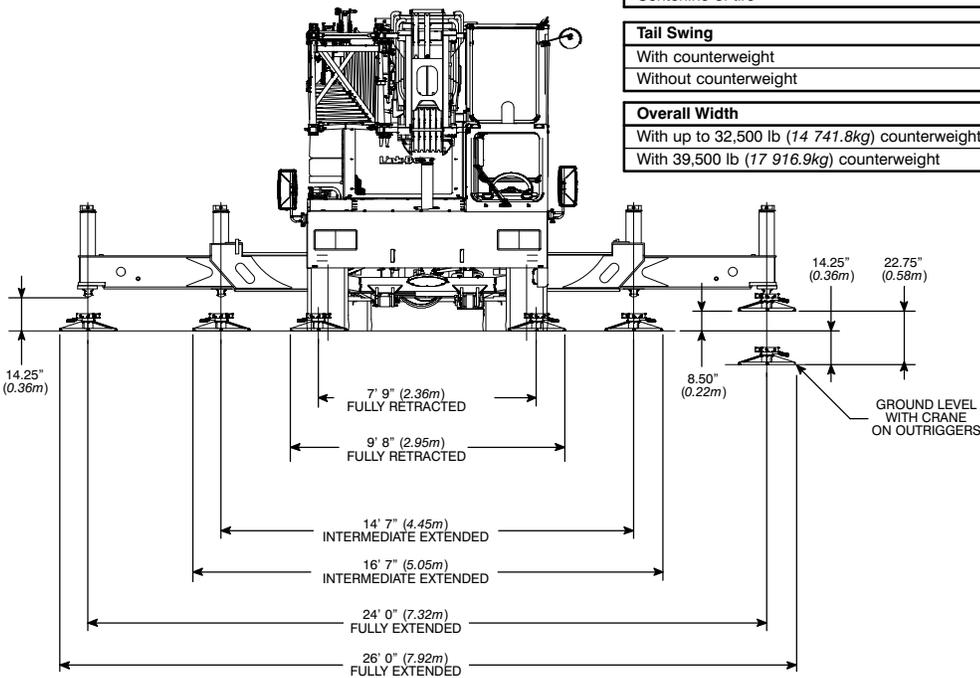
EPA 2013



| Turning Radius | 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 |

| Tail Swing | English | Metric |
|-----------------------|---------|--------|
| With counterweight | 13' 9" | 4.2m |
| Without counterweight | 13' 1" | 4.0m |

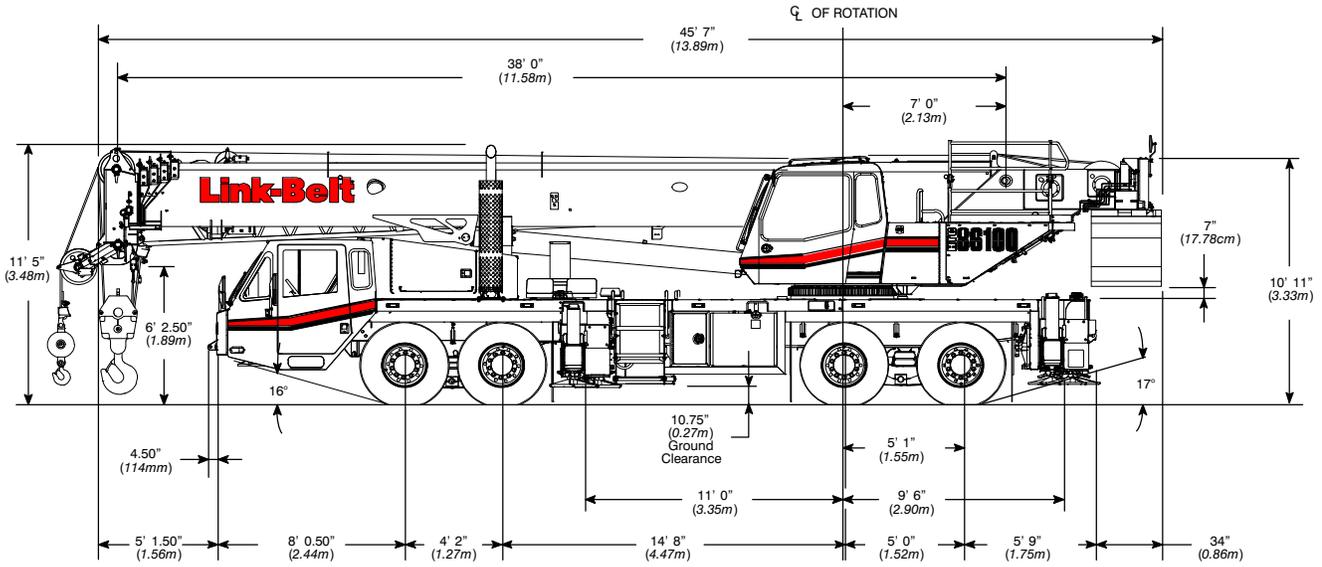
| Overall Width | English | Metric |
|---|---------|--------|
| With up to 32,500 lb (14 741.8kg) counterweight | 8' 6" | 2.6m |
| With 39,500 lb (17 916.9kg) counterweight | 11' 0" | 3.4m |



Not To Scale

General Dimensions

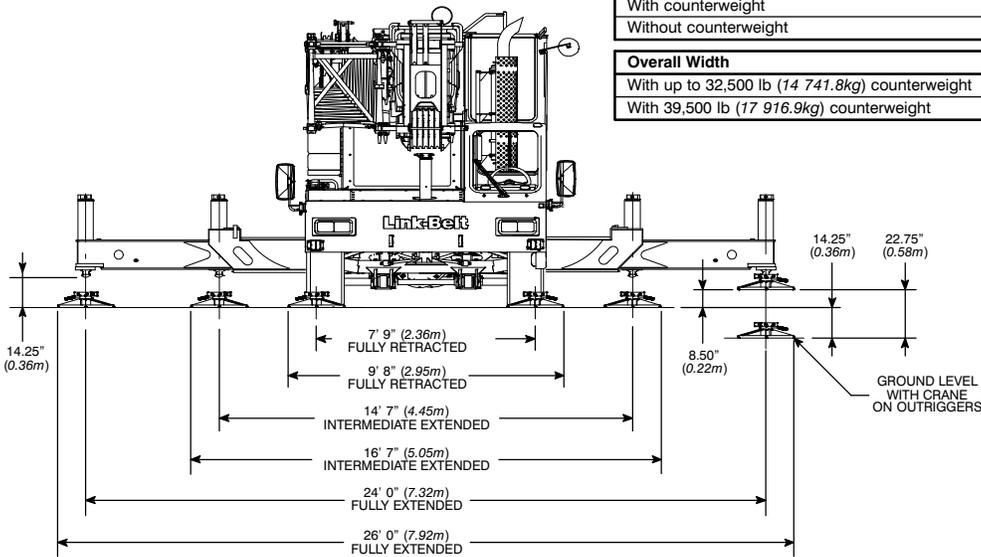
Tier 3 / Stage IIIA



| Turning Radius | 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 |

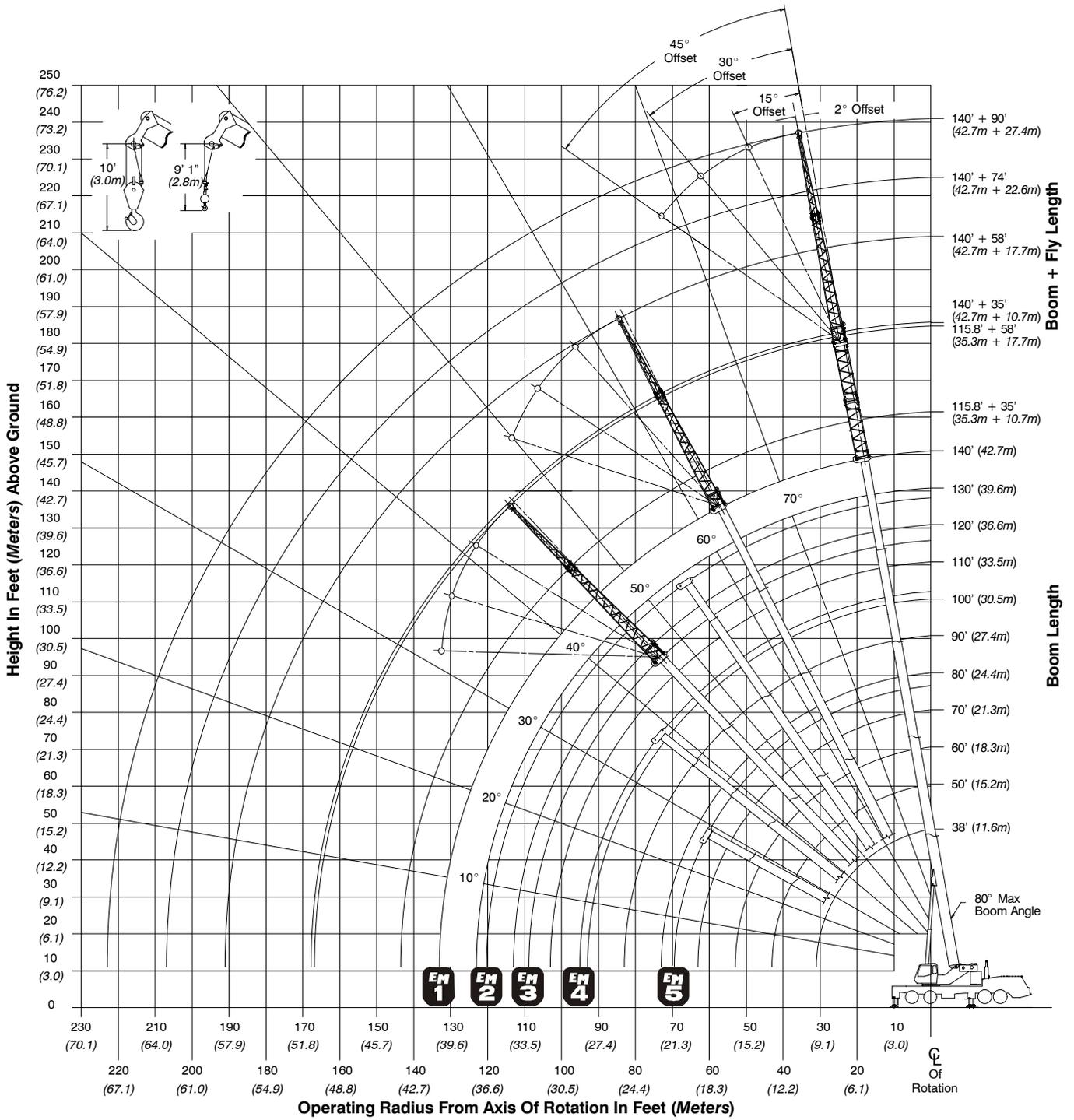
| Tail Swing | English | Metric |
|-----------------------|---------|--------|
| With counterweight | 13' 9" | 4.2m |
| Without counterweight | 13' 1" | 4.0m |

| 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 |



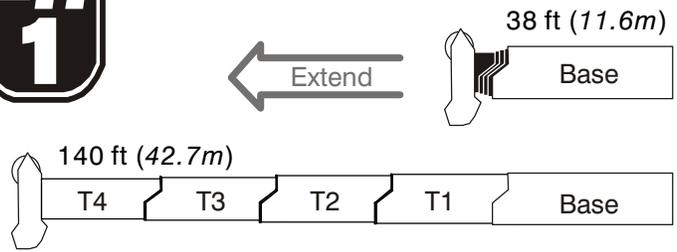
Not To Scale

Working Range Diagram

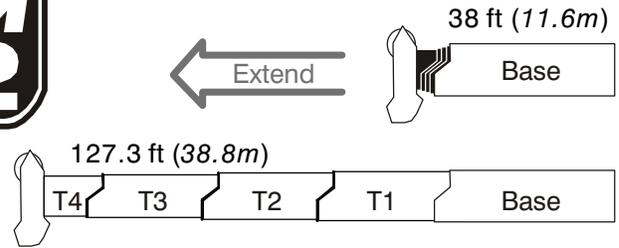


Boom Extend Modes

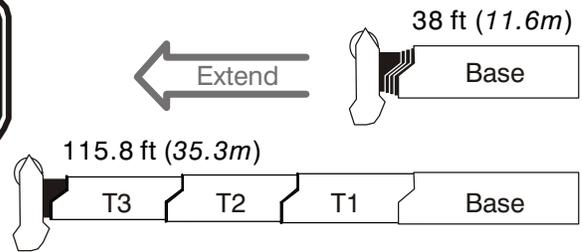
| Boom Length | | Section Length | | | |
|-------------|------|----------------|------|------|------|
| ft | m | T4 | T3 | T2 | T1 |
| 50 | 15.2 | 50% | | | |
| 60 | 18.3 | 91% | | | |
| 70 | 21.3 | 100% | 31% | | |
| 80 | 24.4 | 100% | 71% | | |
| 90 | 27.4 | 100% | 100% | 11% | |
| 100 | 30.5 | 100% | 100% | 49% | |
| 110 | 33.5 | 100% | 100% | 88% | |
| 120 | 36.6 | 100% | 100% | 100% | 25% |
| 130 | 39.6 | 100% | 100% | 100% | 63% |
| 140 | 42.7 | 100% | 100% | 100% | 100% |



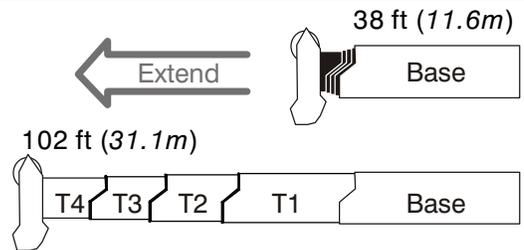
| Boom Length | | Section Length | | | |
|-------------|------|----------------|------|------|------|
| ft | m | T4 | T3 | T2 | T1 |
| 50 | 15.2 | 48% | 2% | | |
| 60 | 18.3 | 48% | 42% | | |
| 70 | 21.3 | 48% | 82% | | |
| 80 | 24.4 | 48% | 100% | 21% | |
| 90 | 27.4 | 48% | 100% | 60% | |
| 100 | 30.5 | 48% | 100% | 98% | |
| 110 | 33.5 | 48% | 100% | 100% | 35% |
| 120 | 36.6 | 48% | 100% | 100% | 73% |
| 127.3 | 38.8 | 48% | 100% | 100% | 100% |



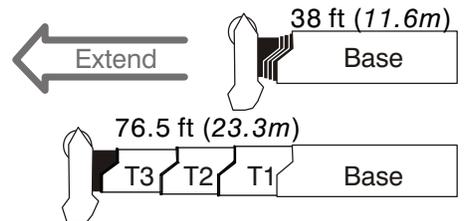
| Boom Length | | Section Length | | | |
|-------------|------|----------------|------|------|------|
| ft | m | T4 | T3 | T2 | T1 |
| 50 | 15.2 | 0% | 48% | | |
| 60 | 18.3 | 0% | 88% | | |
| 70 | 21.3 | 0% | 100% | 27% | |
| 80 | 24.4 | 0% | 100% | 65% | |
| 90 | 27.4 | 0% | 100% | 100% | 4% |
| 100 | 30.5 | 0% | 100% | 100% | 41% |
| 115.8 | 35.3 | 0% | 100% | 100% | 100% |



| Boom Length | | Section Length | | | |
|-------------|------|----------------|-----|-----|------|
| ft | m | T4 | T3 | T2 | T1 |
| 50 | 15.2 | 48% | 2% | | |
| 60 | 18.3 | 48% | 42% | | |
| 70 | 21.3 | 48% | 51% | 30% | |
| 80 | 24.4 | 48% | 51% | 50% | 18% |
| 90 | 27.4 | 48% | 51% | 50% | 55% |
| 102 | 31.1 | 48% | 51% | 50% | 100% |



| Boom Length | | Section Length | | | |
|-------------|------|----------------|-----|-----|-----|
| ft | m | T4 | T3 | T2 | T1 |
| 50.7 | 15.5 | 0% | 51% | | |
| 63.7 | 19.4 | 0% | 51% | 50% | |
| 76.5 | 23.3 | 0% | 51% | 50% | 48% |



Main Boom Lift Capacity Charts – Standard

| 8,500 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 | 164,400* | | | | | | | | | | | | 9 |
| 10 | 154,600* | 152,100* | 117,900 | 89,700 | | | | | | | | | 10 |
| 12 | 129,300* | 131,300* | 108,800 | 85,000 | 85,100** | | | | | | | | 12 |
| 15 | 102,500 | 104,600 | 104,900 | 78,800 | 78,400** | 57,700 | | | | | | | 15 |
| 20 | 74,700 | 77,000 | 77,400 | 70,300 | 76,500** | 56,200 | 49,100 | 42,500 | | | | | 20 |
| 25 | 54,700 | 57,900 | 59,400 | 60,100 | 59,700 | 55,300 | 45,800 | 42,500 | 33,700 | 29,700 | | | 25 |
| 30 | 39,600 | 43,300 | 44,400 | 44,600 | 44,300 | 43,800 | 43,200 | 38,300 | 31,200 | 29,400 | 24,400 | | 30 |
| 35 | | 33,100 | 34,100 | 34,900 | 34,100 | 35,000 | 33,500 | 34,500 | 30,900 | 29,100 | 24,100 | | 35 |
| 40 | | 26,100 | 27,200 | 27,900 | 28,100 | 28,000 | 28,000 | 27,500 | 28,100 | 26,900 | 24,000 | | 40 |
| 45 | | | 22,800 | 23,500 | 23,900 | 23,300 | 24,000 | 23,800 | 23,500 | 23,100 | 22,700 | | 45 |
| 50 | | | 18,900 | 19,600 | 20,000 | 20,200 | 20,100 | 19,900 | 19,600 | 19,100 | 18,800 | | 50 |
| 55 | | | | 16,500 | 16,900 | 17,100 | 16,900 | 16,800 | 16,400 | 16,000 | 15,700 | | 55 |
| 60 | | | | 14,000 | 14,400 | 14,600 | 14,500 | 14,300 | 14,000 | 13,600 | 13,200 | | 60 |
| 65 | | | | | 12,500 | 12,700 | 12,500 | 12,400 | 12,100 | 11,700 | 11,400 | | 65 |
| 70 | | | | | 10,800 | 11,000 | 10,900 | 10,800 | 10,400 | 10,100 | 9,700 | | 70 |
| 75 | | | | | | 9,600 | 9,500 | 9,400 | 9,100 | 8,700 | 8,400 | | 75 |
| 80 | | | | | | 8,400 | 8,300 | 8,200 | 7,900 | 7,500 | 7,200 | | 80 |
| 85 | | | | | | | 7,300 | 7,200 | 6,800 | 6,500 | 6,200 | | 85 |
| 90 | | | | | | | 6,300 | 6,300 | 6,000 | 5,600 | 5,300 | | 90 |
| 95 | | | | | | | | 5,500 | 5,200 | 4,800 | 4,500 | | 95 |
| 100 | | | | | | | | 4,800 | 4,500 | 4,100 | 3,800 | | 100 |
| 105 | | | | | | | | | 3,900 | 3,500 | 3,200 | | 105 |
| 110 | | | | | | | | | 3,300 | 3,000 | 2,700 | | 110 |
| 115 | | | | | | | | | | 2,500 | 2,200 | | 115 |
| 120 | | | | | | | | | | 2,000 | 1,700 | | 120 |
| 125 | | | | | | | | | | | 1,300 | | 125 |
| 130 | | | | | | | | | | | 900 | | 130 |

* 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 | |
| 10 | 32,200 | | | | | | | 10 |
| 12 | 29,000 | 30,400 | | | | | | 12 |
| 15 | 25,000 | 26,500 | 22,300 | | | | | 15 |
| 20 | 19,700 | 21,400 | 22,300 | 17,700 | | | | 20 |
| 25 | 13,100 | 15,700 | 17,100 | 17,700 | 13,600 | | | 25 |
| 30 | 8,800 | 11,400 | 12,700 | 13,300 | 13,600 | 10,800 | 8,900 | 30 |
| 35 | | 8,400 | 9,600 | 10,200 | 10,600 | 10,800 | 8,900 | 35 |
| 40 | | 6,100 | 7,400 | 8,000 | 8,400 | 8,600 | 8,500 | 40 |
| 45 | | | 5,600 | 6,200 | 6,600 | 6,800 | 6,800 | 45 |
| 50 | | | 4,300 | 4,900 | 5,200 | 5,400 | 5,400 | 50 |
| 55 | | | | 3,800 | 4,100 | 4,300 | 4,300 | 55 |
| 60 | | | | 2,900 | 3,200 | 3,400 | 3,400 | 60 |
| 65 | | | | | 2,400 | 2,600 | 2,600 | 65 |
| 70 | | | | | 1,800 | 2,000 | 1,900 | 70 |
| 75 | | | | | | 1,400 | 1,400 | 75 |
| 80 | | | | | | 900 | 900 | 80 |

| 8,500 lb Counterweight – On Tires – Pick & Carry (1 mph) – Boom Centered Over Rear (All Capacities Are Listed In Pounds) | | | | | | | | |
|---|------------------|--------|--------|--------|--------|--------|-------|-------------|
| Radius (ft) | Boom Length (ft) | | | | | | | Radius (ft) |
| | 38 | 50 | 60 | 70 | 80 | 90 | 100 | |
| 10 | 22,200 | | | | | | | 10 |
| 12 | 19,800 | 21,100 | | | | | | 12 |
| 15 | 16,600 | 18,100 | 18,900 | | | | | 15 |
| 20 | 12,500 | 14,200 | 15,100 | 15,500 | | | | 20 |
| 25 | 9,300 | 11,200 | 12,200 | 12,600 | 12,800 | | | 25 |
| 30 | 6,800 | 8,800 | 9,800 | 10,300 | 10,600 | 10,800 | 8,900 | 30 |
| 35 | | 6,900 | 7,900 | 8,400 | 8,800 | 8,900 | 8,900 | 35 |
| 40 | | 5,300 | 6,400 | 6,900 | 7,200 | 7,400 | 7,400 | 40 |
| 45 | | | 5,100 | 5,600 | 6,000 | 6,100 | 6,100 | 45 |
| 50 | | | 3,900 | 4,500 | 4,900 | 5,100 | 5,000 | 50 |
| 55 | | | | 3,600 | 3,900 | 4,100 | 4,100 | 55 |
| 60 | | | | 2,700 | 3,100 | 3,300 | 3,300 | 60 |
| 65 | | | | | 2,400 | 2,600 | 2,500 | 65 |
| 70 | | | | | 1,800 | 2,000 | 1,900 | 70 |
| 75 | | | | | | 1,400 | 1,400 | 75 |
| 80 | | | | | | 900 | 900 | 80 |

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) | | | | | | | | | | | | |
|--|------------------|----------|---------|--------|----------|--------|--------|--------|--------|--------|--------|----------------|
| Radius (ft) | Boom Length (ft) | | | | | | | | | | | Radius (ft) |
| | 38 | 50 | 60 | 70 | 76.5/80 | 90 | 100 | 110 | 120 | 130 | 140 | |
| 9 | 165,000* | | | | | | | | | | | 9 |
| 10 | 155,400* | 152,100* | 117,900 | 89,700 | | | | | | | | 10 |
| 12 | 131,900* | 133,900* | 108,800 | 85,000 | 85,100** | | | | | | | 12 |
| 15 | 104,600 | 106,700 | 106,500 | 78,800 | 78,400** | 57,700 | | | | | | 15 |
| 20 | 76,400 | 78,600 | 79,000 | 70,300 | 76,500** | 56,200 | 49,100 | 42,500 | | | | 20 |
| 25 | 57,800 | 61,000 | 61,500 | 63,000 | 62,700 | 55,300 | 45,800 | 42,500 | 33,700 | 29,700 | | 25 |
| 30 | 42,300 | 46,000 | 47,100 | 47,300 | 47,000 | 46,500 | 45,200 | 38,300 | 31,200 | 29,400 | 24,400 | 30 |
| 35 | | 35,300 | 36,300 | 36,500 | 36,300 | 36,200 | 35,700 | 35,100 | 30,900 | 29,100 | 24,100 | 35 |
| 40 | | 27,900 | 29,000 | 29,700 | 29,900 | 29,900 | 29,800 | 29,300 | 28,800 | 28,700 | 24,000 | 40 |
| 45 | | | 23,900 | 24,500 | 25,100 | 24,700 | 24,900 | 25,400 | 25,000 | 24,600 | 23,800 | 45 |
| 50 | | | 20,300 | 21,100 | 21,500 | 21,400 | 21,500 | 21,400 | 21,000 | 20,600 | 20,300 | 50 |
| 55 | | | | 17,900 | 18,300 | 18,500 | 18,400 | 18,200 | 17,900 | 17,500 | 17,100 | 55 |
| 60 | | | | 15,300 | 15,700 | 15,900 | 15,700 | 15,600 | 15,300 | 14,900 | 14,500 | 60 |
| 65 | | | | | 13,600 | 13,700 | 13,600 | 13,500 | 13,100 | 12,700 | 12,500 | 65 |
| 70 | | | | | 11,800 | 12,100 | 11,900 | 11,800 | 11,500 | 11,100 | 10,800 | 70 |
| 75 | | | | | | 10,600 | 10,500 | 10,400 | 10,000 | 9,700 | 9,300 | 75 |
| 80 | | | | | | 9,300 | 9,200 | 9,100 | 8,800 | 8,400 | 8,100 | 80 |
| 85 | | | | | | | 8,100 | 8,000 | 7,700 | 7,300 | 7,000 | 85 |
| 90 | | | | | | | 7,100 | 7,100 | 6,700 | 6,400 | 6,100 | 90 |
| 95 | | | | | | | | 6,200 | 5,900 | 5,600 | 5,200 | 95 |
| 100 | | | | | | | | 5,500 | 5,200 | 4,800 | 4,500 | 100 |
| 105 | | | | | | | | | 4,500 | 4,200 | 3,900 | 105 |
| 110 | | | | | | | | | 3,900 | 3,600 | 3,300 | 110 |
| 115 | | | | | | | | | | 3,100 | 2,800 | 115 |
| 120 | | | | | | | | | | 2,600 | 2,300 | 120 |
| 125 | | | | | | | | | | | 1,800 | 125 |
| 130 | | | | | | | | | | | 1,400 | 130 |

* 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 | |
| 10 | 31,600 | | | | | | | 10 |
| 12 | 28,500 | 29,900 | | | | | | 12 |
| 15 | 24,600 | 26,100 | 21,900 | | | | | 15 |
| 20 | 19,400 | 21,100 | 21,900 | 18,600 | | | | 20 |
| 25 | 14,600 | 17,200 | 18,100 | 18,600 | 14,800 | | | 25 |
| 30 | 10,000 | 12,600 | 13,800 | 14,400 | 14,800 | 11,800 | 9,400 | 30 |
| 35 | | 9,400 | 10,600 | 11,200 | 11,600 | 11,800 | 9,400 | 35 |
| 40 | | 7,000 | 8,200 | 8,800 | 9,200 | 9,400 | 9,400 | 40 |
| 45 | | | 6,400 | 7,000 | 7,400 | 7,600 | 7,500 | 45 |
| 50 | | | 5,000 | 5,600 | 5,900 | 6,100 | 6,100 | 50 |
| 55 | | | | 4,400 | 4,800 | 4,900 | 4,900 | 55 |
| 60 | | | | 3,400 | 3,800 | 4,000 | 3,900 | 60 |
| 65 | | | | | 3,000 | 3,200 | 3,100 | 65 |
| 70 | | | | | 2,300 | 2,500 | 2,400 | 70 |
| 75 | | | | | | 1,900 | 1,800 | 75 |
| 80 | | | | | | 1,400 | 1,300 | 80 |

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

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

Main Boom Lift Capacity Charts – Optional

| 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*** | | | | | | | | | | | 7 |
| 8 | 180,000* | | | | | | | | | | | 8 |
| 9 | 167,100* | | | | | | | | | | | 9 |
| 10 | 158,300* | 152,100* | 117,900 | 89,700 | | | | | | | | 10 |
| 12 | 142,700* | 138,700* | 108,800 | 85,000 | 85,100** | | | | | | | 12 |
| 15 | 119,300 | 121,400 | 106,500 | 78,800 | 78,400** | 57,700 | | | | | | 15 |
| 20 | 87,600 | 89,800 | 90,200 | 70,300 | 76,500** | 56,200 | 49,100 | 42,500 | | | | 20 |
| 25 | 68,000 | 70,300 | 70,800 | 63,600 | 70,300** | 55,300 | 45,800 | 42,500 | 33,700 | 29,700 | | 25 |
| 30 | 54,700 | 57,100 | 57,600 | 58,100 | 58,700 | 54,500 | 45,200 | 38,300 | 31,200 | 29,400 | 24,400 | 30 |
| 35 | | 47,500 | 49,100 | 49,400 | 49,200 | 48,800 | 42,500 | 35,500 | 30,900 | 29,100 | 24,100 | 35 |
| 40 | | 40,500 | 41,600 | 41,800 | 41,600 | 41,100 | 38,200 | 33,400 | 30,600 | 28,800 | 24,000 | 40 |
| 45 | | | 34,600 | 34,900 | 34,600 | 34,200 | 33,700 | 30,300 | 29,900 | 28,600 | 23,800 | 45 |
| 50 | | | 29,300 | 29,600 | 29,400 | 28,900 | 28,800 | 27,900 | 27,800 | 26,800 | 23,700 | 50 |
| 55 | | | | 25,500 | 25,300 | 26,000 | 24,800 | 24,700 | 25,300 | 24,800 | 23,600 | 55 |
| 60 | | | | 22,500 | 22,400 | 22,800 | 21,500 | 22,300 | 22,000 | 21,900 | 22,100 | 60 |
| 65 | | | | | 20,000 | 20,100 | 20,000 | 19,600 | 19,300 | 20,000 | 19,600 | 65 |
| 70 | | | | | 17,700 | 17,800 | 17,800 | 17,700 | 18,100 | 17,700 | 17,400 | 70 |
| 75 | | | | | | 15,800 | 16,500 | 16,500 | 16,200 | 15,800 | 15,500 | 75 |
| 80 | | | | | | 14,200 | 14,900 | 14,800 | 14,500 | 14,100 | 13,800 | 80 |
| 85 | | | | | | | 13,500 | 13,400 | 13,100 | 12,700 | 12,500 | 85 |
| 90 | | | | | | | 12,200 | 12,200 | 11,900 | 11,600 | 11,300 | 90 |
| 95 | | | | | | | | 11,100 | 10,800 | 10,500 | 10,200 | 95 |
| 100 | | | | | | | | 10,100 | 9,800 | 9,500 | 9,200 | 100 |
| 105 | | | | | | | | | 8,900 | 8,600 | 8,300 | 105 |
| 110 | | | | | | | | | 8,100 | 7,800 | 7,500 | 110 |
| 115 | | | | | | | | | | 7,100 | 6,800 | 115 |
| 120 | | | | | | | | | | 6,400 | 6,100 | 120 |
| 125 | | | | | | | | | | | 5,500 | 125 |
| 130 | | | | | | | | | | | 5,000 | 130 |

* Special Conditions Or Wire Rope Required
 ** 76.5 EM5 mode
 *** Over Rear

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 – 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 | |
| 10 | 28,300 | | | | | | | 10 |
| 12 | 25,400 | 26,900 | | | | | | 12 |
| 15 | 21,800 | 23,400 | 24,300 | | | | | 15 |
| 20 | 16,700 | 18,000 | 19,300 | 20,100 | | | | 20 |
| 25 | 13,000 | 14,900 | 15,700 | 16,100 | 16,300 | | | 25 |
| 30 | 10,100 | 12,100 | 13,100 | 13,500 | 13,800 | 13,900 | 13,800 | 30 |
| 35 | | 9,900 | 10,900 | 11,400 | 11,800 | 11,900 | 11,800 | 35 |
| 40 | | 8,000 | 9,100 | 9,600 | 10,000 | 10,100 | 10,100 | 40 |
| 45 | | | 7,600 | 8,100 | 8,500 | 8,700 | 8,600 | 45 |
| 50 | | | 6,300 | 6,900 | 7,200 | 7,400 | 7,300 | 50 |
| 55 | | | | 5,700 | 6,100 | 6,300 | 6,200 | 55 |
| 60 | | | | 4,800 | 5,200 | 5,300 | 5,300 | 60 |
| 65 | | | | | 4,300 | 4,500 | 4,500 | 65 |
| 70 | | | | | 3,600 | 3,800 | 3,700 | 70 |
| 75 | | | | | | 3,100 | 3,100 | 75 |
| 80 | | | | | | 2,500 | 2,500 | 80 |
| 85 | | | | | | | 1,900 | 85 |
| 90 | | | | | | | 1,500 | 90 |

| 32,500 lb Counterweight – On Tires – Pick & Carry (1 mph) – Boom Centered Over Rear (All Capacities Are Listed In Pounds) | | | | | | | | |
|---|------------------|--------|--------|--------|--------|-------|-------|-------------|
| Radius (ft) | Boom Length (ft) | | | | | | | Radius (ft) |
| | 38 | 50 | 60 | 70 | 80 | 90 | 100 | |
| 10 | 18,200 | | | | | | | 10 |
| 12 | 16,000 | 17,500 | | | | | | 12 |
| 15 | 13,200 | 14,800 | 15,600 | | | | | 15 |
| 20 | 9,500 | 11,300 | 12,200 | 12,700 | | | | 20 |
| 25 | 6,700 | 8,600 | 9,600 | 10,000 | 10,400 | | | 25 |
| 30 | 4,400 | 6,500 | 7,500 | 8,000 | 8,300 | 8,500 | 8,500 | 30 |
| 35 | | 4,700 | 5,800 | 6,300 | 6,700 | 6,900 | 6,800 | 35 |
| 40 | | 3,300 | 4,400 | 5,000 | 5,300 | 5,500 | 5,500 | 40 |
| 45 | | | 3,300 | 3,900 | 4,200 | 4,400 | 4,400 | 45 |
| 50 | | | 2,300 | 2,800 | 3,200 | 3,400 | 3,300 | 50 |
| 55 | | | | 2,000 | 2,400 | 2,600 | 2,500 | 55 |
| 60 | | | | 1,300 | 1,700 | 1,900 | 1,800 | 60 |
| 65 | | | | | 1,100 | 1,200 | 1,200 | 65 |

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

| 39,500 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*** | | | | | | | | | | | 7 | |
| 8 | 180,000* | | | | | | | | | | | 8 | |
| 9 | 167,600* | | | | | | | | | | | 9 | |
| 10 | 158,800* | 152,100* | 117,900 | 89,700 | | | | | | | | 10 | |
| 12 | 143,600* | 138,700* | 108,800 | 85,000 | 85,100** | | | | | | | 12 | |
| 15 | 123,700 | 122,600 | 106,500 | 78,800 | 78,400** | 57,700 | | | | | | 15 | |
| 20 | 91,300 | 93,500 | 93,800 | 70,300 | 76,500** | 56,200 | 49,100 | 42,500 | | | | 20 | |
| 25 | 71,000 | 73,300 | 73,800 | 63,600 | 73,300** | 55,300 | 45,800 | 42,500 | 33,700 | 29,700 | | 25 | |
| 30 | 57,200 | 59,600 | 60,100 | 58,100 | 61,100 | 54,500 | 45,200 | 38,300 | 31,200 | 29,400 | 24,400 | 30 | |
| 35 | | 49,700 | 50,300 | 51,400 | 51,200 | 50,900 | 42,500 | 35,500 | 30,900 | 29,100 | 24,100 | 35 | |
| 40 | | 42,200 | 43,700 | 44,000 | 43,800 | 43,400 | 38,200 | 33,400 | 30,600 | 28,800 | 24,000 | 40 | |
| 45 | | | 37,900 | 38,200 | 38,100 | 37,700 | 34,600 | 30,300 | 29,900 | 28,600 | 23,800 | 45 | |
| 50 | | | 32,400 | 32,700 | 32,500 | 32,000 | 31,500 | 27,900 | 27,800 | 26,800 | 23,700 | 50 | |
| 55 | | | | 28,200 | 28,000 | 27,600 | 27,300 | 25,600 | 25,800 | 24,800 | 23,600 | 55 | |
| 60 | | | | 24,600 | 24,500 | 24,100 | 24,100 | 23,600 | 24,200 | 23,000 | 22,100 | 60 | |
| 65 | | | | | 21,500 | 22,300 | 21,100 | 21,400 | 21,600 | 21,300 | 20,600 | 65 | |
| 70 | | | | | 19,700 | 19,900 | 18,700 | 19,500 | 19,100 | 19,200 | 19,200 | 70 | |
| 75 | | | | | | 17,700 | 17,500 | 17,400 | 17,000 | 17,700 | 17,400 | 75 | |
| 80 | | | | | | | 16,000 | 16,000 | 15,600 | 15,900 | 15,600 | 80 | |
| 85 | | | | | | | | 14,600 | 14,600 | 14,800 | 14,400 | 85 | |
| 90 | | | | | | | | 13,800 | 13,700 | 13,400 | 13,000 | 90 | |
| 95 | | | | | | | | | 12,500 | 12,300 | 11,900 | 95 | |
| 100 | | | | | | | | | 11,500 | 11,200 | 10,900 | 100 | |
| 105 | | | | | | | | | | 10,200 | 9,900 | 9,600 | 105 |
| 110 | | | | | | | | | | 9,400 | 9,000 | 8,800 | 110 |
| 115 | | | | | | | | | | | 8,300 | 8,000 | 115 |
| 120 | | | | | | | | | | | 7,500 | 7,300 | 120 |
| 125 | | | | | | | | | | | | 6,600 | 125 |
| 130 | | | | | | | | | | | | 6,000 | 130 |

* Special Conditions Or Wire Rope Required
 ** 76.5 EM5 mode
 *** Over Rear

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

Fly Attachment Lift Capacity Charts – Optional

| 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 | 8,500 | 45 | 11,500 | |
| 50 | 12,100 | 8,400 | 50 | 11,400 | |
| 55 | 12,100 | 8,300 | 55 | 11,200 | |
| 60 | 12,100 | 8,100 | 60 | 11,000 | 7,200 |
| 65 | 11,900 | 8,000 | 65 | 10,800 | 7,000 |
| 70 | 10,400 | 7,800 | 70 | 10,600 | 6,800 |
| 75 | 9,000 | 7,700 | 75 | 9,700 | 6,700 |
| 80 | 7,800 | 7,500 | 80 | 8,500 | 6,500 |
| 85 | 6,800 | 7,300 | 85 | 7,400 | 6,300 |
| 90 | 5,900 | 6,400 | 90 | 6,400 | 6,200 |
| 95 | 5,100 | 5,600 | 95 | 5,600 | 6,000 |
| 100 | 4,400 | 4,900 | 100 | 4,800 | 5,600 |
| 105 | 3,700 | 4,200 | 105 | 4,200 | 4,900 |
| 110 | 3,200 | 3,600 | 110 | 3,600 | 4,300 |
| 115 | 2,700 | 3,100 | 115 | 3,000 | 3,700 |
| 120 | 2,200 | 2,600 | 120 | 2,500 | 3,200 |
| 125 | 1,800 | 2,200 | 125 | 2,100 | 2,700 |
| 130 | 1,400 | 1,800 | 130 | 1,700 | 2,300 |
| 135 | 1,100 | 1,500 | 135 | 1,300 | 1,900 |
| 140 | | | 140 | 900 | 1,500 |
| 145 | | | 145 | | 1,200 |

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

| 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 | 8,800 | |
| 70 | 9,500 | | 70 | 8,800 | |
| 75 | 9,400 | 5,700 | 75 | 8,700 | |
| 80 | 9,100 | 5,600 | 80 | 8,600 | |
| 85 | 8,000 | 5,500 | 85 | 8,400 | 4,900 |
| 90 | 7,000 | 5,400 | 90 | 7,400 | 4,900 |
| 95 | 6,100 | 5,300 | 95 | 6,400 | 4,800 |
| 100 | 5,300 | 5,200 | 100 | 5,600 | 4,800 |
| 105 | 4,600 | 5,100 | 105 | 4,800 | 4,700 |
| 110 | 3,900 | 4,900 | 110 | 4,200 | 4,700 |
| 115 | 3,300 | 4,300 | 115 | 3,500 | 4,700 |
| 120 | 2,800 | 3,700 | 120 | 3,000 | 4,100 |
| 125 | 2,300 | 3,200 | 125 | 2,500 | 3,600 |
| 130 | 1,900 | 2,700 | 130 | 2,000 | 3,100 |
| 135 | 1,500 | 2,300 | 135 | 1,500 | 2,600 |
| 140 | 1,100 | 1,900 | 140 | | 2,100 |
| 145 | | 1,500 | 145 | | 1,700 |
| 150 | | 1,200 | 150 | | 1,300 |
| 155 | | | 155 | | 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 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 | 8,500 | | 45 | 11,500 | | |
| 50 | 12,100 | 8,400 | 6,600 | 50 | 11,400 | | |
| 55 | 12,100 | 8,300 | 6,600 | 55 | 11,200 | | |
| 60 | 12,100 | 8,100 | 6,600 | 60 | 11,000 | 7,200 | |
| 65 | 11,900 | 8,000 | 6,600 | 65 | 10,800 | 7,000 | 6,300 |
| 70 | 11,500 | 7,800 | 6,600 | 70 | 10,600 | 6,800 | 6,000 |
| 75 | 10,000 | 7,700 | 6,600 | 75 | 10,400 | 6,700 | 5,700 |
| 80 | 8,700 | 7,500 | 6,400 | 80 | 9,400 | 6,500 | 5,400 |
| 85 | 7,600 | 7,300 | 6,000 | 85 | 8,200 | 6,300 | 5,100 |
| 90 | 6,700 | 7,100 | 5,700 | 90 | 7,200 | 6,200 | 4,900 |
| 95 | 5,800 | 6,300 | 5,400 | 95 | 6,300 | 6,000 | 4,600 |
| 100 | 5,100 | 5,500 | 5,100 | 100 | 5,500 | 5,900 | 4,400 |
| 105 | 4,400 | 4,900 | 4,800 | 105 | 4,800 | 5,600 | 4,200 |
| 110 | 3,800 | 4,300 | 4,200 | 110 | 4,200 | 4,900 | 4,100 |
| 115 | 3,300 | 3,700 | 3,600 | 115 | 3,600 | 4,300 | 3,900 |
| 120 | 2,800 | 3,200 | 3,100 | 120 | 3,100 | 3,800 | 3,600 |
| 125 | 2,300 | 2,800 | 2,700 | 125 | 2,600 | 3,300 | 3,100 |
| 130 | 1,900 | 2,300 | 2,200 | 130 | 2,200 | 2,800 | 2,700 |
| 135 | 1,600 | 2,000 | 1,900 | 135 | 1,800 | 2,400 | 2,300 |
| 140 | 1,200 | 1,600 | 1,500 | 140 | 1,400 | 2,000 | 1,900 |
| 145 | 900 | 1,300 | 1,200 | 145 | 1,100 | 1,700 | 1,500 |
| | | | | 150 | | 1,300 | 1,200 |
| | | | | 155 | | 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 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 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 | 8,800 | | |
| 70 | 9,500 | | | 70 | 8,800 | | |
| 75 | 9,400 | 5,700 | 4,600 | 75 | 8,700 | | |
| 80 | 9,200 | 5,600 | 4,400 | 80 | 8,600 | | |
| 85 | 8,800 | 5,500 | 4,200 | 85 | 8,600 | 4,900 | 3,700 |
| 90 | 7,700 | 5,400 | 4,100 | 90 | 8,100 | 4,900 | 3,500 |
| 95 | 6,800 | 5,300 | 3,900 | 95 | 7,200 | 4,800 | 3,400 |
| 100 | 6,000 | 5,200 | 3,700 | 100 | 6,300 | 4,800 | 3,300 |
| 105 | 5,200 | 5,100 | 3,600 | 105 | 5,500 | 4,700 | 3,200 |
| 110 | 4,500 | 5,000 | 3,500 | 110 | 4,800 | 4,700 | 3,100 |
| 115 | 3,900 | 4,900 | 3,300 | 115 | 4,100 | 4,700 | 3,000 |
| 120 | 3,400 | 4,300 | 3,200 | 120 | 3,500 | 4,600 | 2,900 |
| 125 | 2,900 | 3,800 | 3,100 | 125 | 3,000 | 4,100 | 2,800 |
| 130 | 2,400 | 3,300 | 3,000 | 130 | 2,500 | 3,600 | 2,700 |
| 135 | 2,000 | 2,800 | 2,700 | 135 | 2,000 | 3,100 | 2,700 |
| 140 | 1,600 | 2,400 | 2,300 | 140 | | 2,600 | 2,600 |
| 145 | 1,200 | 2,000 | 1,900 | 145 | | 2,200 | 2,200 |
| 150 | 900 | 1,600 | 1,600 | 150 | | 1,800 | 1,800 |
| 155 | | 1,300 | 1,200 | 155 | | 1,400 | 1,400 |
| 160 | | 1,000 | 900 | 160 | | 1,000 | 1,100 |
| | | | | 165 | | | 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 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 | 8,500 | | | 45 | 11,500 | | | |
| 50 | 12,100 | 8,400 | 6,600 | | 50 | 11,400 | | | |
| 55 | 12,100 | 8,300 | 6,600 | 5,200 | 55 | 11,200 | | | |
| 60 | 12,100 | 8,100 | 6,600 | 5,200 | 60 | 11,000 | 7,200 | | |
| 65 | 11,900 | 8,000 | 6,600 | 5,200 | 65 | 10,800 | 7,000 | 6,300 | |
| 70 | 11,700 | 7,800 | 6,600 | 5,200 | 70 | 10,600 | 6,800 | 6,000 | 4,800 |
| 75 | 11,500 | 7,700 | 6,600 | 5,100 | 75 | 10,400 | 6,700 | 5,700 | 4,500 |
| 80 | 11,300 | 7,500 | 6,400 | 4,800 | 80 | 10,200 | 6,500 | 5,400 | 4,200 |
| 85 | 11,000 | 7,300 | 6,000 | 4,500 | 85 | 10,000 | 6,300 | 5,100 | 4,000 |
| 90 | 10,500 | 7,100 | 5,700 | 4,200 | 90 | 9,700 | 6,200 | 4,900 | 3,700 |
| 95 | 10,100 | 6,900 | 5,400 | 4,000 | 95 | 9,400 | 6,000 | 4,600 | 3,500 |
| 100 | 9,700 | 6,700 | 5,100 | 3,700 | 100 | 9,000 | 5,900 | 4,400 | 3,300 |
| 105 | 8,800 | 6,500 | 4,900 | 3,500 | 105 | 8,700 | 5,700 | 4,200 | 3,100 |
| 110 | 8,000 | 6,300 | 4,700 | 3,300 | 110 | 8,400 | 5,600 | 4,100 | 3,000 |
| 115 | 7,300 | 6,000 | 4,500 | 3,200 | 115 | 7,600 | 5,500 | 3,900 | 2,800 |
| 120 | 6,600 | 5,800 | 4,300 | 3,000 | 120 | 6,900 | 5,300 | 3,700 | 2,700 |
| 125 | 6,000 | 5,600 | 4,100 | 2,800 | 125 | 6,300 | 5,100 | 3,600 | 2,500 |
| 130 | 5,500 | 5,300 | 3,900 | 2,700 | 130 | 5,700 | 4,900 | 3,500 | 2,400 |
| 135 | 5,000 | 5,200 | 3,800 | 2,500 | 135 | 5,200 | 4,700 | 3,300 | 2,300 |
| 140 | 4,500 | 4,900 | 3,600 | 2,400 | 140 | 4,700 | 4,600 | 3,200 | 2,200 |
| 145 | 4,100 | 4,400 | 3,500 | 2,300 | 145 | 4,200 | 4,400 | 3,100 | 2,100 |
| 150 | 3,700 | 4,000 | 3,400 | 2,200 | 150 | 3,800 | 4,300 | 3,000 | 2,000 |
| 155 | 3,300 | 3,700 | 3,200 | 2,100 | 155 | 3,400 | 4,000 | 2,900 | 1,900 |
| 160 | 2,900 | 3,300 | 3,100 | 2,000 | 160 | 3,000 | 3,600 | 2,900 | 1,800 |
| 165 | 2,500 | 2,900 | 2,700 | 1,900 | 165 | 2,600 | 3,200 | 2,800 | 1,700 |
| 170 | | 2,600 | 2,400 | 1,800 | 170 | | 2,800 | 2,700 | 1,600 |
| 175 | | 2,300 | 2,100 | 1,800 | 175 | | 2,500 | 2,300 | 1,600 |
| 180 | | 2,000 | 1,800 | 1,700 | 180 | | 2,100 | 2,000 | 1,500 |
| 185 | | 1,700 | 1,500 | 1,400 | 185 | | 1,800 | 1,700 | 1,500 |
| 190 | | | 1,200 | 1,200 | 190 | | | 1,400 | 1,400 |
| 195 | | | 1,000 | 900 | 195 | | | 1,100 | 1,100 |
| 200 | | | 800 | | 200 | | | 800 | 900 |

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 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 | 8,800 | | | |
| 75 | 9,400 | 5,700 | 4,600 | | 75 | 8,700 | | | |
| 80 | 9,200 | 5,600 | 4,400 | 3,600 | 80 | 8,600 | | | |
| 85 | 9,100 | 5,500 | 4,200 | 3,400 | 85 | 8,600 | 4,900 | 3,700 | |
| 90 | 9,000 | 5,400 | 4,100 | 3,200 | 90 | 8,500 | 4,900 | 3,500 | 2,900 |
| 95 | 8,800 | 5,300 | 3,900 | 3,000 | 95 | 8,400 | 4,800 | 3,400 | 2,700 |
| 100 | 8,500 | 5,200 | 3,700 | 2,900 | 100 | 8,200 | 4,800 | 3,300 | 2,600 |
| 105 | 8,200 | 5,100 | 3,600 | 2,700 | 105 | 8,000 | 4,700 | 3,200 | 2,400 |
| 110 | 8,000 | 5,000 | 3,500 | 2,600 | 110 | 7,800 | 4,700 | 3,100 | 2,300 |
| 115 | 7,700 | 4,900 | 3,300 | 2,400 | 115 | 7,600 | 4,700 | 3,000 | 2,200 |
| 120 | 7,200 | 4,800 | 3,200 | 2,300 | 120 | 7,400 | 4,600 | 2,900 | 2,100 |
| 125 | 6,500 | 4,700 | 3,100 | 2,200 | 125 | 6,700 | 4,500 | 2,800 | 2,000 |
| 130 | 5,900 | 4,500 | 3,000 | 2,100 | 130 | 6,000 | 4,400 | 2,700 | 1,900 |
| 135 | 5,400 | 4,400 | 2,900 | 2,000 | 135 | 5,400 | 4,300 | 2,700 | 1,800 |
| 140 | 4,800 | 4,300 | 2,800 | 1,900 | 140 | | 4,200 | 2,600 | 1,800 |
| 145 | 4,400 | 4,200 | 2,800 | 1,800 | 145 | | 4,100 | 2,600 | 1,700 |
| 150 | 3,900 | 4,100 | 2,700 | 1,700 | 150 | | 4,000 | 2,500 | 1,600 |
| 155 | 3,500 | 4,000 | 2,600 | 1,700 | 155 | | 4,000 | 2,500 | 1,600 |
| 160 | | 3,800 | 2,600 | 1,600 | 160 | | 3,900 | 2,500 | 1,500 |
| 165 | | 3,400 | 2,500 | 1,500 | 165 | | | 2,500 | 1,500 |
| 170 | | 3,000 | 2,500 | 1,500 | 170 | | | 2,500 | 1,400 |
| 175 | | 2,600 | 2,500 | 1,400 | 175 | | | 2,500 | 1,400 |
| 180 | | 2,200 | 2,200 | 1,400 | 180 | | | | 1,400 |
| 185 | | | 1,800 | 1,400 | 185 | | | | 1,400 |
| 190 | | | 1,500 | 1,300 | 190 | | | | 1,400 |
| 195 | | | 1,200 | 1,300 | | | | | |
| 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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

| 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 | 8,500 | | | 45 | 11,500 | | | |
| 50 | 12,100 | 8,400 | 6,600 | | 50 | 11,400 | | | |
| 55 | 12,100 | 8,300 | 6,600 | 5,200 | 55 | 11,200 | | | |
| 60 | 12,100 | 8,100 | 6,600 | 5,200 | 60 | 11,000 | 7,200 | | |
| 65 | 11,900 | 8,000 | 6,600 | 5,200 | 65 | 10,800 | 7,000 | 6,300 | |
| 70 | 11,700 | 7,800 | 6,600 | 5,200 | 70 | 10,600 | 6,800 | 6,000 | 4,800 |
| 75 | 11,500 | 7,700 | 6,600 | 5,100 | 75 | 10,400 | 6,700 | 5,700 | 4,500 |
| 80 | 11,300 | 7,500 | 6,400 | 4,800 | 80 | 10,200 | 6,500 | 5,400 | 4,200 |
| 85 | 11,000 | 7,300 | 6,000 | 4,500 | 85 | 10,000 | 6,300 | 5,100 | 4,000 |
| 90 | 10,500 | 7,100 | 5,700 | 4,200 | 90 | 9,700 | 6,200 | 4,900 | 3,700 |
| 95 | 10,100 | 6,900 | 5,400 | 4,000 | 95 | 9,400 | 6,000 | 4,600 | 3,500 |
| 100 | 9,700 | 6,700 | 5,100 | 3,700 | 100 | 9,000 | 5,900 | 4,400 | 3,300 |
| 105 | 9,300 | 6,500 | 4,900 | 3,500 | 105 | 8,700 | 5,700 | 4,200 | 3,100 |
| 110 | 8,900 | 6,300 | 4,700 | 3,300 | 110 | 8,400 | 5,600 | 4,100 | 3,000 |
| 115 | 8,500 | 6,000 | 4,500 | 3,200 | 115 | 8,100 | 5,500 | 3,900 | 2,800 |
| 120 | 7,800 | 5,800 | 4,300 | 3,000 | 120 | 7,900 | 5,300 | 3,700 | 2,700 |
| 125 | 7,100 | 5,600 | 4,100 | 2,800 | 125 | 7,400 | 5,100 | 3,600 | 2,500 |
| 130 | 6,500 | 5,300 | 3,900 | 2,700 | 130 | 6,800 | 4,900 | 3,500 | 2,400 |
| 135 | 6,000 | 5,200 | 3,800 | 2,500 | 135 | 6,200 | 4,700 | 3,300 | 2,300 |
| 140 | 5,500 | 5,000 | 3,600 | 2,400 | 140 | 5,700 | 4,600 | 3,200 | 2,200 |
| 145 | 5,000 | 4,800 | 3,500 | 2,300 | 145 | 5,200 | 4,400 | 3,100 | 2,100 |
| 150 | 4,500 | 4,700 | 3,400 | 2,200 | 150 | 4,700 | 4,300 | 3,000 | 2,000 |
| 155 | 4,100 | 4,500 | 3,200 | 2,100 | 155 | 4,300 | 4,200 | 2,900 | 1,900 |
| 160 | 3,700 | 4,100 | 3,100 | 2,000 | 160 | 3,800 | 4,100 | 2,900 | 1,800 |
| 165 | 3,400 | 3,700 | 3,100 | 1,900 | 165 | 3,400 | 4,000 | 2,800 | 1,700 |
| 170 | | 3,400 | 3,000 | 1,800 | 170 | | 3,600 | 2,700 | 1,600 |
| 175 | | 3,000 | 2,800 | 1,800 | 175 | | 3,200 | 2,700 | 1,600 |
| 180 | | 2,700 | 2,500 | 1,700 | 180 | | 2,900 | 2,600 | 1,500 |
| 185 | | 2,400 | 2,200 | 1,600 | 185 | | 2,500 | 2,400 | 1,500 |
| 190 | | | 1,900 | 1,600 | 190 | | | 2,100 | 1,400 |
| 195 | | | 1,700 | 1,500 | 195 | | | 1,800 | 1,400 |
| 200 | | | 1,400 | 1,300 | 200 | | | 1,500 | 1,400 |
| 205 | | | | 1,100 | 205 | | | | 1,300 |
| 210 | | | | 900 | 210 | | | | 1,000 |
| | | | | | 215 | | | | 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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

| 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 | 8,800 | | | |
| 75 | 9,400 | 5,700 | 4,600 | | 75 | 8,700 | | | |
| 80 | 9,200 | 5,600 | 4,400 | 3,600 | 80 | 8,600 | | | |
| 85 | 9,100 | 5,500 | 4,200 | 3,400 | 85 | 8,600 | 4,900 | 3,700 | |
| 90 | 9,000 | 5,400 | 4,100 | 3,200 | 90 | 8,500 | 4,900 | 3,500 | 2,900 |
| 95 | 8,800 | 5,300 | 3,900 | 3,000 | 95 | 8,400 | 4,800 | 3,400 | 2,700 |
| 100 | 8,500 | 5,200 | 3,700 | 2,900 | 100 | 8,200 | 4,800 | 3,300 | 2,600 |
| 105 | 8,200 | 5,100 | 3,600 | 2,700 | 105 | 8,000 | 4,700 | 3,200 | 2,400 |
| 110 | 8,000 | 5,000 | 3,500 | 2,600 | 110 | 7,800 | 4,700 | 3,100 | 2,300 |
| 115 | 7,700 | 4,900 | 3,300 | 2,400 | 115 | 7,600 | 4,700 | 3,000 | 2,200 |
| 120 | 7,500 | 4,800 | 3,200 | 2,300 | 120 | 7,400 | 4,600 | 2,900 | 2,100 |
| 125 | 7,300 | 4,700 | 3,100 | 2,200 | 125 | 7,200 | 4,500 | 2,800 | 2,000 |
| 130 | 7,000 | 4,500 | 3,000 | 2,100 | 130 | 7,100 | 4,400 | 2,700 | 1,900 |
| 135 | 6,400 | 4,400 | 2,900 | 2,000 | 135 | 6,400 | 4,300 | 2,700 | 1,800 |
| 140 | 5,800 | 4,300 | 2,800 | 1,900 | 140 | | 4,200 | 2,600 | 1,800 |
| 145 | 5,300 | 4,200 | 2,800 | 1,800 | 145 | | 4,100 | 2,600 | 1,700 |
| 150 | 4,800 | 4,100 | 2,700 | 1,700 | 150 | | 4,000 | 2,500 | 1,600 |
| 155 | 4,300 | 4,000 | 2,600 | 1,700 | 155 | | 4,000 | 2,500 | 1,600 |
| 160 | | 3,900 | 2,600 | 1,600 | 160 | | 4,000 | 2,500 | 1,500 |
| 165 | | 3,900 | 2,500 | 1,500 | 165 | | 4,000 | 2,500 | 1,500 |
| 170 | | 3,700 | 2,500 | 1,500 | 170 | | | 2,500 | 1,400 |
| 175 | | 3,300 | 2,500 | 1,400 | 175 | | | 2,500 | 1,400 |
| 180 | | 2,900 | 2,500 | 1,400 | 180 | | | | 1,400 |
| 185 | | | 2,500 | 1,400 | 185 | | | | 1,400 |
| 190 | | | 2,200 | 1,300 | 190 | | | | 1,400 |
| 195 | | | 1,900 | 1,300 | | | | | |
| 200 | | | | 1,300 | | | | | |
| 205 | | | | 1,300 | | | | | |
| 210 | | | | 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 85% of the tipping loads and on tires do not exceed 75% of the tipping loads.

Main Boom Lift Capacity Charts – Optional (Metric)

| 3 856kg 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 | 70 800* | 69 550* | 53 450 | 40 850 | | | | | | | | 3 |
| 3.5 | 61 350* | 62 250* | 50 350 | 39 100 | | | | | | | | 3.5 |
| 4 | 53 500 | 54 450 | 48 900 | 37 450 | 37 400 | | | | | | | 4 |
| 4.5 | 47 250 | 48 250 | 48 350 | 35 950 | 35 750 | 26 150 | | | | | | 4.5 |
| 5 | 42 200 | 43 200 | 43 400 | 34 600 | 35 250 | 26 150 | | | | | | 5 |
| 6 | 34 500 | 35 550 | 35 750 | 32 150 | 34 700 | 25 450 | 22 250 | 19 250 | | | | 6 |
| 7 | 26 600 | 27 850 | 28 200 | 28 850 | 28 700 | 25 200 | 21 150 | 19 250 | | | | 7 |
| 8 | 20 500 | 22 000 | 22 450 | 22 550 | 22 450 | 22 200 | 20 650 | 18 800 | 14 950 | 13 400 | | 8 |
| 9 | 16 350 | 17 800 | 18 250 | 18 500 | 18 200 | 18 150 | 17 950 | 17 550 | 14 200 | 13 300 | 11 050 | 9 |
| 10 | | 14 850 | 15 250 | 15 550 | 15 600 | 15 600 | 15 600 | 15 400 | 14 050 | 13 200 | 10 950 | 10 |
| 12 | | 10 750 | 11 450 | 11 700 | 11 850 | 11 700 | 11 850 | 11 800 | 11 650 | 11 500 | 10 850 | 12 |
| 14 | | | 8 800 | 9 100 | 9 250 | 9 300 | 9 250 | 9 200 | 9 050 | 8 900 | 8 750 | 14 |
| 16 | | | 6 850 | 7 150 | 7 350 | 7 400 | 7 350 | 7 300 | 7 150 | 6 950 | 6 850 | 16 |
| 18 | | | | 5 800 | 5 950 | 6 000 | 5 950 | 5 900 | 5 750 | 5 650 | 5 500 | 18 |
| 20 | | | | | 4 900 | 4 950 | 4 900 | 4 850 | 4 750 | 4 600 | 4 450 | 20 |
| 22 | | | | | 4 050 | 4 150 | 4 100 | 4 050 | 3 900 | 3 750 | 3 650 | 22 |
| 24 | | | | | | 3 450 | 3 400 | 3 400 | 3 250 | 3 100 | 2 950 | 24 |
| 26 | | | | | | | 2 850 | 2 850 | 2 700 | 2 550 | 2 450 | 26 |
| 28 | | | | | | | 2 400 | 2 400 | 2 250 | 2 100 | 2 000 | 28 |
| 30 | | | | | | | | 2 000 | 1 850 | 1 700 | 1 600 | 30 |
| 32 | | | | | | | | 800 | 1 550 | 1 400 | 1 250 | 32 |
| 34 | | | | | | | | | 1 250 | 1 100 | 1 000 | 34 |
| 36 | | | | | | | | | | 850 | 750 | 36 |
| 38 | | | | | | | | | | | 500 | 38 |
| 40 | | | | | | | | | | | 350 | 40 |

* 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.

| 3 856kg 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 | 14 600 | | | | | | | 3 |
| 3.5 | 13 500 | | | | | | | 3.5 |
| 4 | 12 450 | 13 100 | | | | | | 4 |
| 4.5 | 11 500 | 12 150 | 10 100 | | | | | 4.5 |
| 5 | 10 600 | 11 300 | 10 100 | | | | | 5 |
| 6 | 8 000 | 9 100 | 9 650 | 8 000 | | | | 6 |
| 7 | 6 100 | 7 100 | 7 650 | 7 900 | | | | 7 |
| 8 | 4 700 | 5 700 | 6 200 | 6 450 | 6 150 | | | 8 |
| 9 | 3 600 | 4 600 | 5 100 | 5 350 | 5 550 | 4 850 | 4 000 | 9 |
| 10 | | 3 750 | 4 250 | 4 500 | 4 650 | 4 750 | 4 000 | 10 |
| 12 | | 2 500 | 3 000 | 3 200 | 3 350 | 3 450 | 3 450 | 12 |
| 14 | | | 2 100 | 2 350 | 2 500 | 2 550 | 2 550 | 14 |
| 16 | | | 1 450 | 1 700 | 1 800 | 1 900 | 1 900 | 16 |
| 18 | | | | 1 150 | 1 300 | 1 400 | 1 350 | 18 |
| 20 | | | | | 900 | 1 000 | 950 | 20 |
| 22 | | | | | 600 | 650 | 650 | 22 |
| 24 | | | | | | 400 | 400 | 24 |

| 3 856kg Counterweight – On Tires – Pick & Carry (1.6 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 | 10 050 | | | | | | | 3 |
| 3.5 | 9 250 | | | | | | | 3.5 |
| 4 | 8 400 | 9 050 | | | | | | 4 |
| 4.5 | 7 650 | 8 350 | 8 550 | | | | | 4.5 |
| 5 | 6 950 | 7 650 | 8 050 | | | | | 5 |
| 6 | 5 750 | 6 550 | 6 900 | 7 000 | | | | 6 |
| 7 | 4 750 | 5 600 | 6 000 | 6 200 | | | | 7 |
| 8 | 3 900 | 4 800 | 5 200 | 5 450 | 5 550 | | | 8 |
| 9 | 3 150 | 4 100 | 4 550 | 4 750 | 4 900 | 4 850 | 4 000 | 9 |
| 10 | | 3 450 | 3 950 | 4 200 | 4 300 | 4 400 | 4 000 | 10 |
| 12 | | 2 450 | 2 950 | 3 200 | 3 350 | 3 450 | 3 400 | 12 |
| 14 | | | 2 100 | 2 350 | 2 500 | 2 550 | 2 550 | 14 |
| 16 | | | 1 450 | 1 700 | 1 800 | 1 900 | 1 900 | 16 |
| 18 | | | | 1 150 | 1 300 | 1 400 | 1 350 | 18 |
| 20 | | | | | 900 | 1 000 | 950 | 20 |
| 22 | | | | | 600 | 650 | 650 | 22 |
| 24 | | | | | | 400 | 400 | 24 |

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) | | | | | | | | | | | | |
|---|-----------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|------------|-------|
| 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 | 71 100* | 69 550* | 53 450 | 40 850 | | | | | | | | 3 |
| 3.5 | 62 600* | 63 450* | 50 350 | 39 100 | | | | | | | | 3.5 |
| 4 | 54 600 | 55 550 | 48 900 | 37 450 | 37 400 | | | | | | | 4 |
| 4.5 | 48 250 | 49 200 | 48 350 | 35 950 | 35 750 | 26 150 | | | | | | 4.5 |
| 5 | 43 100 | 44 100 | 44 250 | 34 600 | 35 250 | 26 150 | | | | | | 5 |
| 6 | 35 250 | 36 250 | 36 450 | 32 150 | 34 700 | 25 450 | 22 250 | 19 250 | | | | 6 |
| 7 | 28 250 | 29 450 | 29 700 | 30 000 | 29 400 | 25 200 | 21 150 | 19 250 | | | | 7 |
| 8 | 21 800 | 23 300 | 23 750 | 23 850 | 23 700 | 23 450 | 20 650 | 18 800 | 14 950 | 13 400 | | 8 |
| 9 | 17 450 | 18 900 | 19 350 | 19 450 | 19 300 | 19 100 | 19 050 | 17 550 | 14 200 | 13 300 | 11 050 | 9 |
| 10 | | 15 800 | 16 200 | 16 500 | 16 150 | 16 550 | 15 950 | 16 300 | 14 050 | 13 200 | 10 950 | 10 |
| 12 | | 11 500 | 12 000 | 12 200 | 12 600 | 12 250 | 12 450 | 12 350 | 12 350 | 11 800 | 10 850 | 12 |
| 14 | | | 9 400 | 9 700 | 9 850 | 9 900 | 9 850 | 9 800 | 9 650 | 9 500 | 9 350 | 14 |
| 16 | | | 7 450 | 7 750 | 7 900 | 8 000 | 7 950 | 7 900 | 7 750 | 7 600 | 7 450 | 16 |
| 18 | | | | 6 300 | 6 450 | 6 500 | 6 450 | 6 400 | 6 250 | 6 100 | 5 950 | 18 |
| 20 | | | | | 5 350 | 5 400 | 5 400 | 5 350 | 5 200 | 5 050 | 4 900 | 20 |
| 22 | | | | | 4 450 | 4 550 | 4 500 | 4 450 | 4 350 | 4 150 | 4 050 | 22 |
| 24 | | | | | | 3 850 | 3 800 | 3 750 | 3 600 | 3 450 | 3 350 | 24 |
| 26 | | | | | | | 3 200 | 3 150 | 3 050 | 2 900 | 2 750 | 26 |
| 28 | | | | | | | 2 700 | 2 700 | 2 550 | 2 400 | 2 300 | 28 |
| 30 | | | | | | | | 2 250 | 2 150 | 2 000 | 1 900 | 30 |
| 32 | | | | | | | | 1 050 | 1 800 | 1 650 | 1 550 | 32 |
| 34 | | | | | | | | | 1 500 | 1 350 | 1 250 | 34 |
| 36 | | | | | | | | | | 1 100 | 950 | 36 |
| 38 | | | | | | | | | | | 750 | 38 |
| 40 | | | | | | | | | | | 550 | 40 |

* 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.

| 5 216kg 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 | 14 300 | | | | | | | 3 |
| 3.5 | 13 300 | | | | | | | 3.5 |
| 4 | 12 200 | 12 850 | | | | | | 4 |
| 4.5 | 11 300 | 11 950 | 9 900 | | | | | 4.5 |
| 5 | 10 400 | 11 150 | 9 900 | | | | | 5 |
| 6 | 8 750 | 9 700 | 9 900 | 8 400 | | | | 6 |
| 7 | 6 700 | 7 750 | 8 250 | 8 400 | | | | 7 |
| 8 | 5 200 | 6 200 | 6 750 | 7 000 | 6 700 | | | 8 |
| 9 | 4 050 | 5 100 | 5 600 | 5 800 | 5 950 | 5 350 | 4 250 | 9 |
| 10 | | 4 200 | 4 650 | 4 900 | 5 050 | 5 150 | 4 250 | 10 |
| 12 | | 2 850 | 3 350 | 3 550 | 3 700 | 3 800 | 3 800 | 12 |
| 14 | | | 2 400 | 2 650 | 2 750 | 2 850 | 2 850 | 14 |
| 16 | | | 1 700 | 1 950 | 2 100 | 2 150 | 2 150 | 16 |
| 18 | | | | 1 400 | 1 550 | 1 600 | 1 600 | 18 |
| 20 | | | | | 1 100 | 1 200 | 1 150 | 20 |
| 22 | | | | | 800 | 850 | 850 | 22 |
| 24 | | | | | | 550 | 550 | 24 |

| 5 216kg Counterweight – On Tires – Pick & Carry (1.6 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 | 9 750 | | | | | | | 3 |
| 3.5 | 9 000 | | | | | | | 3.5 |
| 4 | 8 200 | 8 800 | | | | | | 4 |
| 4.5 | 7 450 | 8 100 | 9 300 | | | | | 4.5 |
| 5 | 6 750 | 7 500 | 7 850 | | | | | 5 |
| 6 | 5 600 | 6 350 | 6 750 | 6 800 | | | | 6 |
| 7 | 4 600 | 5 450 | 5 850 | 6 000 | | | | 7 |
| 8 | 3 750 | 4 650 | 5 050 | 5 300 | 5 400 | | | 8 |
| 9 | 3 000 | 3 950 | 4 400 | 4 600 | 4 750 | 4 750 | 3 900 | 9 |
| 10 | | 3 350 | 3 800 | 4 050 | 4 200 | 4 250 | 3 900 | 10 |
| 12 | | 2 350 | 2 850 | 3 100 | 3 250 | 3 350 | 3 300 | 12 |
| 14 | | | 2 100 | 2 350 | 2 500 | 2 600 | 2 550 | 14 |
| 16 | | | 1 450 | 1 750 | 1 900 | 2 000 | 1 950 | 16 |
| 18 | | | | 1 250 | 1 400 | 1 500 | 1 450 | 18 |
| 20 | | | | | 950 | 1 050 | 1 050 | 20 |
| 22 | | | | | 600 | 700 | 700 | 22 |
| 24 | | | | | | 400 | 350 | 24 |

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) | | | | | | | | | | | | |
|--|-----------------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------------|-------|
| 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 |
| 2.5 | 85 000* | | | | | | | | | | | 2.5 |
| 3 | 72 400* | 69 550* | 53 450 | 40 850 | | | | | | | | 3 |
| 3.5 | 66 550* | 64 300* | 50 350 | 39 100 | | | | | | | | 3.5 |
| 4 | 61 000* | 59 950* | 48 900 | 37 450 | 37 400 | | | | | | | 4 |
| 4.5 | 55 050 | 55 950 | 48 350 | 35 950 | 35 750 | 26 150 | | | | | | 4.5 |
| 5 | 49 250 | 50 200 | 47 000 | 34 600 | 35 250 | 26 150 | | | | | | 5 |
| 6 | 40 450 | 41 400 | 41 600 | 32 150 | 34 700 | 25 450 | 22 250 | 19 250 | | | | 6 |
| 7 | 34 000 | 35 050 | 35 250 | 30 000 | 34 700 | 25 200 | 21 150 | 19 250 | | | | 7 |
| 8 | 29 150 | 30 200 | 30 400 | 28 150 | 30 200 | 24 950 | 20 650 | 18 800 | 14 950 | 13 400 | | 8 |
| 9 | 25 150 | 26 300 | 26 500 | 26 550 | 27 000 | 24 700 | 20 500 | 17 550 | 14 200 | 13 300 | 11 050 | 9 |
| 10 | | 22 100 | 22 800 | 22 900 | 22 750 | 22 550 | 19 750 | 16 450 | 14 050 | 13 200 | 10 950 | 10 |
| 12 | | 16 650 | 17 100 | 17 200 | 17 050 | 16 900 | 16 700 | 15 200 | 13 850 | 13 050 | 10 850 | 12 |
| 14 | | | 13 400 | 13 500 | 13 400 | 13 450 | 13 200 | 13 000 | 13 350 | 12 750 | 10 750 | 14 |
| 16 | | | 10 850 | 11 150 | 11 250 | 11 200 | 11 000 | 11 050 | 10 900 | 11 050 | 10 700 | 16 |
| 18 | | | | 9 250 | 9 350 | 9 350 | 9 300 | 9 350 | 9 450 | 9 300 | 9 150 | 18 |
| 20 | | | | | 8 150 | 7 900 | 8 200 | 8 150 | 8 000 | 7 850 | 7 700 | 20 |
| 22 | | | | | 7 000 | 7 000 | 7 050 | 7 000 | 6 850 | 6 700 | 6 600 | 22 |
| 24 | | | | | | 6 150 | 6 100 | 6 100 | 5 950 | 5 800 | 5 750 | 24 |
| 26 | | | | | | | 5 350 | 5 350 | 5 250 | 5 100 | 4 950 | 26 |
| 28 | | | | | | | 4 700 | 4 700 | 4 600 | 4 450 | 4 350 | 28 |
| 30 | | | | | | | | 4 150 | 4 050 | 3 900 | 3 800 | 30 |
| 32 | | | | | | | | 2 800 | 3 550 | 3 400 | 3 300 | 32 |
| 34 | | | | | | | | | 3 150 | 3 000 | 2 900 | 34 |
| 36 | | | | | | | | | | 2 650 | 2 550 | 36 |
| 38 | | | | | | | | | | | 2 200 | 38 |
| 40 | | | | | | | | | | | 1 950 | 40 |

* 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.

| 14 742kg 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 | 12 800 | | | | | | | 3 |
| 3.5 | 11 800 | | | | | | | 3.5 |
| 4 | 10 850 | 11 550 | | | | | | 4 |
| 4.5 | 10 000 | 10 750 | 11 000 | | | | | 4.5 |
| 5 | 9 350 | 10 000 | 10 400 | | | | | 5 |
| 6 | 7 700 | 8 200 | 8 950 | 9 200 | | | | 6 |
| 7 | 6 550 | 7 300 | 7 700 | 7 750 | | | | 7 |
| 8 | 5 550 | 6 400 | 6 800 | 7 000 | 7 100 | | | 8 |
| 9 | 4 700 | 5 600 | 6 050 | 6 250 | 6 350 | 6 300 | 6 250 | 9 |
| 10 | | 4 900 | 5 350 | 5 600 | 5 750 | 5 750 | 5 750 | 10 |
| 12 | | 3 750 | 4 250 | 4 450 | 4 600 | 4 700 | 4 650 | 12 |
| 14 | | | 3 300 | 3 550 | 3 750 | 3 800 | 3 800 | 14 |
| 16 | | | 2 600 | 2 850 | 3 000 | 3 100 | 3 050 | 16 |
| 18 | | | | 2 250 | 2 400 | 2 500 | 2 450 | 18 |
| 20 | | | | | 1 900 | 2 000 | 2 000 | 20 |
| 22 | | | | | 1 500 | 1 550 | 1 550 | 22 |
| 24 | | | | | | 1 200 | 1 200 | 24 |
| 26 | | | | | | | 850 | 26 |
| 28 | | | | | | | 600 | 28 |

| 14 742kg Counterweight – On Tires – Pick & Carry (1.6 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 | 8 250 | | | | | | | 3 |
| 3.5 | 7 500 | | | | | | | 3.5 |
| 4 | 6 750 | 7 450 | | | | | | 4 |
| 4.5 | 6 050 | 6 800 | 7 050 | | | | | 4.5 |
| 5 | 5 450 | 6 200 | 6 600 | | | | | 5 |
| 6 | 4 400 | 5 200 | 5 600 | 5 750 | | | | 6 |
| 7 | 3 500 | 4 350 | 4 800 | 5 000 | | | | 7 |
| 8 | 2 750 | 3 650 | 4 100 | 4 300 | 4 450 | | | 8 |
| 9 | 2 100 | 3 000 | 3 450 | 3 700 | 3 850 | 3 850 | 3 850 | 9 |
| 10 | | 2 450 | 2 950 | 3 200 | 3 350 | 3 400 | 3 400 | 10 |
| 12 | | 1 550 | 2 100 | 2 350 | 2 500 | 2 550 | 2 550 | 12 |
| 14 | | | 1 400 | 1 650 | 1 850 | 1 900 | 1 900 | 14 |
| 16 | | | 850 | 1 100 | 1 250 | 1 350 | 1 300 | 16 |
| 18 | | | | 650 | 800 | 900 | 900 | 18 |
| 20 | | | | | 450 | 550 | 500 | 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 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 |
| 2.5 | 85 000* | | | | | | | | | | | 2.5 |
| 3 | 72 650* | 69 550* | 53 450 | 40 850 | | | | | | | | 3 |
| 3.5 | 66 800* | 64 300* | 50 350 | 39 100 | | | | | | | | 3.5 |
| 4 | 61 600* | 59 950* | 48 900 | 37 450 | 37 400 | | | | | | | 4 |
| 4.5 | 56 750 | 56 100 | 48 350 | 35 950 | 35 750 | 26 150 | | | | | | 4.5 |
| 5 | 51 250 | 52 250 | 47 000 | 34 600 | 35 250 | 26 150 | | | | | | 5 |
| 6 | 42 100 | 43 100 | 43 300 | 32 150 | 34 700 | 25 450 | 22 250 | 19 250 | | | | 6 |
| 7 | 35 450 | 36 500 | 36 700 | 30 000 | 34 700 | 25 200 | 21 150 | 19 250 | | | | 7 |
| 8 | 30 450 | 31 450 | 31 700 | 28 150 | 31 500 | 24 950 | 20 650 | 18 800 | 14 950 | 13 400 | | 8 |
| 9 | 26 450 | 27 550 | 27 750 | 26 550 | 28 000 | 24 700 | 20 500 | 17 550 | 14 200 | 13 300 | 11 050 | 9 |
| 10 | | 24 250 | 24 450 | 25 000 | 24 900 | 24 650 | 19 750 | 16 450 | 14 050 | 13 200 | 10 950 | 10 |
| 12 | | 18 300 | 18 750 | 18 850 | 18 750 | 18 550 | 17 550 | 15 200 | 13 850 | 13 050 | 10 850 | 12 |
| 14 | | | 14 800 | 14 900 | 14 800 | 14 600 | 14 450 | 13 550 | 13 400 | 12 750 | 10 750 | 14 |
| 16 | | | 12 000 | 12 150 | 12 050 | 12 200 | 11 850 | 11 650 | 12 000 | 11 700 | 10 700 | 16 |
| 18 | | | | 10 250 | 10 300 | 10 350 | 9 900 | 10 150 | 10 050 | 10 050 | 10 100 | 18 |
| 20 | | | | | 8 800 | 8 800 | 8 800 | 8 600 | 8 700 | 8 750 | 8 650 | 20 |
| 22 | | | | | 7 700 | 7 550 | 7 700 | 7 800 | 7 700 | 7 550 | 7 400 | 22 |
| 24 | | | | | | 6 550 | 6 850 | 6 800 | 6 700 | 6 550 | 6 400 | 24 |
| 26 | | | | | | | 6 000 | 6 000 | 5 850 | 5 750 | 5 650 | 26 |
| 28 | | | | | | | 5 350 | 5 300 | 5 200 | 5 050 | 4 950 | 28 |
| 30 | | | | | | | | 4 700 | 4 600 | 4 450 | 4 350 | 30 |
| 32 | | | | | | | | 3 350 | 4 100 | 3 950 | 3 850 | 32 |
| 34 | | | | | | | | | 3 650 | 3 500 | 3 400 | 34 |
| 36 | | | | | | | | | | 3 100 | 3 000 | 36 |
| 38 | | | | | | | | | | | 2 650 | 38 |
| 40 | | | | | | | | | | | 2 350 | 40 |

* 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.

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.

| 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) | | | |
| | 10.67 | 17.68 | 22.56 | 27.43 | | 10.67 | 17.68 | 22.56 | 27.43 |
| 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 | 2 350 | 18 | 5 000 | 3 300 | | |
| 20 | 5 400 | 3 600 | 3 000 | 2 350 | 20 | 4 900 | 3 150 | 2 850 | |
| 22 | 5 300 | 3 500 | 3 000 | 2 350 | 22 | 4 750 | 3 050 | 2 650 | 2 100 |
| 24 | 5 150 | 3 400 | 2 950 | 2 200 | 24 | 4 650 | 2 950 | 2 450 | 1 950 |
| 26 | 5 000 | 3 300 | 2 700 | 2 050 | 26 | 4 550 | 2 850 | 2 300 | 1 800 |
| 28 | 4 550 | 3 200 | 2 550 | 1 850 | 28 | 4 350 | 2 750 | 2 150 | 1 650 |
| 30 | 4 000 | 3 100 | 2 350 | 1 750 | 30 | 4 150 | 2 700 | 2 050 | 1 550 |
| 32 | 3 500 | 2 950 | 2 200 | 1 600 | 32 | 3 650 | 2 600 | 1 900 | 1 400 |
| 34 | 3 100 | 2 800 | 2 100 | 1 500 | 34 | 3 250 | 2 550 | 1 800 | 1 300 |
| 36 | 2 750 | 2 650 | 1 950 | 1 400 | 36 | 2 850 | 2 400 | 1 700 | 1 250 |
| 38 | 2 400 | 2 550 | 1 850 | 1 300 | 38 | 2 500 | 2 300 | 1 650 | 1 150 |
| 40 | 2 100 | 2 300 | 1 750 | 1 200 | 40 | 2 200 | 2 200 | 1 550 | 1 050 |
| 42 | 1 850 | 2 000 | 1 650 | 1 100 | 42 | 1 950 | 2 100 | 1 500 | 1 000 |
| 44 | 1 650 | 1 800 | 1 600 | 1 050 | 44 | 1 700 | 1 950 | 1 400 | 950 |
| 46 | 1 450 | 1 550 | 1 500 | 1 000 | 46 | 1 500 | 1 700 | 1 350 | 900 |
| 48 | 1 250 | 1 400 | 1 300 | 900 | 48 | 1 300 | 1 500 | 1 300 | 850 |
| 50 | 1 100 | 1 200 | 1 150 | 850 | 50 | 1 100 | 1 300 | 1 250 | 800 |
| 52 | | 1 050 | 1 000 | 800 | 52 | | 1 100 | 1 050 | 750 |
| 54 | | 900 | 850 | 800 | 54 | | 950 | 900 | 700 |
| 56 | | 750 | 700 | 700 | 56 | | 800 | 750 | 700 |
| 58 | | | 550 | 500 | 58 | | | 600 | 600 |
| 60 | | | 400 | | 60 | | | 450 | 450 |

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

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 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 | 27.43 | | 10.67 | 17.68 | 22.56 | 27.43 |
| 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 | 2 350 | 18 | 5 000 | 3 300 | | |
| 20 | 5 400 | 3 600 | 3 000 | 2 350 | 20 | 4 900 | 3 150 | 2 850 | |
| 22 | 5 300 | 3 500 | 3 000 | 2 350 | 22 | 4 750 | 3 050 | 2 650 | 2 100 |
| 24 | 5 150 | 3 400 | 2 950 | 2 200 | 24 | 4 650 | 2 950 | 2 450 | 1 950 |
| 26 | 5 000 | 3 300 | 2 700 | 2 050 | 26 | 4 550 | 2 850 | 2 300 | 1 800 |
| 28 | 4 700 | 3 200 | 2 550 | 1 850 | 28 | 4 350 | 2 750 | 2 150 | 1 650 |
| 30 | 4 450 | 3 100 | 2 350 | 1 750 | 30 | 4 150 | 2 700 | 2 050 | 1 550 |
| 32 | 4 050 | 2 950 | 2 200 | 1 600 | 32 | 3 950 | 2 600 | 1 900 | 1 400 |
| 34 | 3 600 | 2 800 | 2 100 | 1 500 | 34 | 3 750 | 2 550 | 1 800 | 1 300 |
| 36 | 3 200 | 2 650 | 1 950 | 1 400 | 36 | 3 300 | 2 400 | 1 700 | 1 250 |
| 38 | 2 850 | 2 550 | 1 850 | 1 300 | 38 | 2 950 | 2 300 | 1 650 | 1 150 |
| 40 | 2 550 | 2 400 | 1 750 | 1 200 | 40 | 2 650 | 2 200 | 1 550 | 1 050 |
| 42 | 2 250 | 2 300 | 1 650 | 1 100 | 42 | 2 350 | 2 100 | 1 500 | 1 000 |
| 44 | 2 000 | 2 150 | 1 600 | 1 050 | 44 | 2 100 | 2 000 | 1 400 | 950 |
| 46 | 1 800 | 1 950 | 1 500 | 1 000 | 46 | 1 850 | 1 950 | 1 350 | 900 |
| 48 | 1 600 | 1 700 | 1 450 | 900 | 48 | 1 650 | 1 850 | 1 300 | 850 |
| 50 | 1 400 | 1 550 | 1 400 | 850 | 50 | 1 450 | 1 650 | 1 250 | 800 |
| 52 | | 1 350 | 1 300 | 800 | 52 | | 1 450 | 1 250 | 750 |
| 54 | | 1 200 | 1 150 | 800 | 54 | | 1 250 | 1 200 | 700 |
| 56 | | 1 050 | 1 000 | 750 | 56 | | 1 100 | 1 050 | 700 |
| 58 | | | 850 | 700 | 58 | | | 900 | 650 |
| 60 | | | 700 | 700 | 60 | | | 750 | 650 |
| 62 | | | 550 | 550 | 62 | | | 600 | 600 |
| 64 | | | | 400 | 64 | | | | 450 |

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

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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