Technical Data

Specifications & Capacities

GUAY

75 RT

Telescopic Boom Rough Terrain Crane
75 US ton
70 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.

Table Of Contents

Boom, Attachments, and Upper Structure **1**
Boom 1
Boom 1
Boom Wear Pads 1
Boom Head 1
Boom Elevation 1
Auxiliary Lifting Sheave — Optional 1
Hook Blocks and Balls — Optional 1
Fly — Optional 1
Operator's Cab and Controls 1
Swing 3
Electrical 3
Load Hoist System 3
Load Hoist Performance 3
Main and Optional Auxiliary Winches 3
Hydraulic System 3
Counterweight 3
Carrier **4**
General 4
Outriggers 4
Steering and Axles 4
Suspension 4
Tires and Wheels 4
Brakes 4
Electrical 4
Engine 4
Transmission 4
Fuel Tank 5
Hydraulic System 5
Pump Drive 5
Maximum Speed 5
Paint 5
Additional Equipment Options 5
Gradeability 5
Axle Loads **6**
General Dimensions **7**
General Dimensions **8**
Working Range Diagram **9**
Boom Extend Modes **10**
Main Boom Lift Capacity Charts — Imperial **11**
14,500lb Counterweight — Fully Extended Outriggers — 360° Rotation 11
14,500lb Counterweight On Tires — Stationary — Boom Centered Over The Front Between Tire Tracks 12
14,500lb Counterweight On Tires — Boom Centered Over The Front Pick and Carry — Creep 13
14,500lb Counterweight On Tires — Stationary — 360° Rotation 13

Fly Attachment Lift Capacity Charts — Optional **14**
14,500lb Counterweight — Fully Extended Outriggers — 360° Rotation 14
Main Boom + 10 ft Manual Offset Fly (2°, 15°, 30° & 45° Offsets) 14
14,500lb Counterweight — Fully Extended Outriggers — 360° Rotation 15
35 ft Manual Offset Fly 15
58 ft Manual Offset Fly 15
Main Boom Lift Capacity Charts — 85% — Metric **16**
6.6t Counterweight — Fully Extended Outriggers — 360° Rotation 16
6.6t Counterweight On Tires — Stationary — Boom Centered Over The Front Between Tire Tracks 17
6.6t Counterweight On Tires — Boom Centered Over The Front Pick and Carry — Creep 18
6.6t Counterweight On Tires — Stationary — 360° Rotation 18
Fly Attachment Lift Capacity Charts — 85% — Optional **19**
6.6t Counterweight — Fully Extended Outriggers — 360° Rotation 19
Main Boom + 3.0m Manual Offset Fly (2°, 15°, 30° & 45° Offsets) 19
6.6t Counterweight — Fully Extended Outriggers — 360° Rotation 20
10.7m Manual Offset Fly 20
17.7m Manual Offset Fly 20
Main Boom Lift Capacity Charts — 75% — Metric **21**
6.6t Counterweight — Fully Extended Outriggers — 360° Rotation 21
6.6t Counterweight On Tires — Stationary — Boom Centered Over The Front Between Tire Tracks 22
6.6t Counterweight On Tires — Boom Centered Over The Front Pick and Carry — Creep 23
6.6t Counterweight On Tires — Stationary — 360° Rotation 23
Fly Attachment Lift Capacity Charts — 75% — Optional **24**
6.6t Counterweight — Fully Extended Outriggers — 360° Rotation 24
Main Boom + 3.0m Manual Offset Fly (2°, 15°, 30° & 45° Offsets) 24
6.6t Counterweight — Fully Extended Outriggers — 360° Rotation 25
10.7m Manual Offset Fly 25
17.7m Manual Offset Fly 25

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.

Boom

- 38—142 ft (*11.58—43.28m*) five section full power boom
- Two boom extension modes controlled from the operator's cab provides superior capacities by varying the extension of the telescoping sections. EM1 mode extends sections T2, T3, and T4 proportionally to a 116 ft (*35.36m*) boom length. Next section T1 extends to reach full 142 ft (*43.28m*) boom length. EM2 mode extends the T1 section to reach a 64 ft (*19.51m*) boom length. Next sections T2, T3, and T4 extend proportionally to reach the full 142 ft (*43.28m*) boom length.
- Mechanical boom angle indicator
- Maximum tip height is 151.4 ft (*22.4m*).

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
- Wind speed indicator
- Aviation obstruction solar marking light and flag — optional

Boom Elevation

- One double acting hydraulic cylinder with integral holding valve
- Boom elevation: —3° to 80°

Auxiliary Lifting Sheave — Optional

- Single 16.5 in (*41.9cm*) 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

- 27 ton (*25mt*) 1 sheave quick—reeve hook block with safety latch
- 60 ton (*55mt*) 3 sheave quick—reeve hook block with safety latch
- 88 ton (*80mt*) 5 sheave quick—reeve hook block with safety latch
- 10 ton (*9mt*) swivel and non—swivel hook balls with safety latch

Fly — Optional

- 10 ft (*3.0m*) one piece lattice fly, stowable, offsettable to 2°, 15°, 30°, and 45°. Maximum tip height is 160 ft (*48.8m*).
- 35—58 ft (*10.7—17.7m*) two piece bi—fold lattice fly, stowable, offsettable to 2°, 15°, 30°, and 45°. Maximum tip height is 208.7 ft (*63.6m*).
- 10—35—58 ft (*3.0—10.7—17.7m*) three piece bi—fold lattice fly, stowable, offsettable to 2°, 15°, 30°, and 45°. Maximum tip height is 208.7 ft (*63.6m*).

■ Operator's Cab and Controls

Environmental Cab — Fully enclosed, one person cab of tubular and sheet steel structure with formed plastic interior panels.

Equipped with:

- Tinted and tempered glass windows
- Extra—large fixed front window with time delayed windshield wiper and washer
- Swing up roof window with windshield wiper and washer
- Sliding left side door with large fixed window
- Sliding right side window and pop—out rear window for ventilation
- Six way adjustable, cushioned seat with seat belt and storage compartment
- Diesel fired warm—water heater with ten air ducts for front windshield defroster and cab floor
- Air Conditioning — Integral with cab heating system utilizing the same ventilation outlets and automatic temperature control (ATC)
- Adjustable sun screen
- Dome lights with red nighttime reading LED's
- Cup holder
- Fire extinguisher
- Two position travel swing lock
- AM/FM radio

Engine Dependent Warm—Water Heater — Optional — With air ducts for front windshield defroster and cab floor

Steering Column — Pedestal type with tilt and telescope functions for operator comfort. Column includes the following controls and indicators:

- Horn button
- Turn signal switch
- Driving light switch
- Transmission gear selector
- Transmission Direction Switches
- Travel park brake
- 2/4 wheel drive/range selector
- Hazard flasher

Armrest Controls — Two dual axis electronic joystick controllers or optional single axis electronic controllers for:

- Swing
- Boom hoist
- Main (rear) winch
- Auxiliary (front) winch — optional
- Winch high/low speed switch(es)
- Warning horn button
- Swing park brake switch
- Engine throttle lock switch
- Engine set/resume switch
- Cab tilt
- Telescope override

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
- Service brake

Upper Right Console — Controls and indicators for:

- Engine ignition
- Engine stop
- Function lockout
- Front windshield wiper and washer
- Cab lights and upper frame lights — optional
- Horn
- Dome light with switch
- E—stop switch
- Radio
- DRI on/off selection
- HVAC controller
- 360 swing lock — optional
- Boom floodlights — optional
- Rotating beacon/Strobe light
- Top hatch wiper washer
- Winch(es) disable
- Engine indicator gauge

Rear Right Side Panel

- 12V accessory outlet (10amp)
- USB charge port

Camera Display — Located on the right A—post with an adjustable mount

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

Diagnostic Center — Located on the right rear wall behind the seat.

- Engine diagnostic
- RCL CANBUS diagnostic
- Boom CANBUS diagnostic
- Outrigger CANBUS diagnostic

Fuse & Relay Panel — Located on the left rear wall behind the seat.

Link-Belt Pulse 2.0 – The Link-Belt in-house designed, total crane operating system that utilizes a 10 in touch screen color display with integrated RCL and engine data, advanced diagnostics and systems monitoring, Wi–Fi capable for remote software updates, operator customizable, and 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:
  - RCL controller USB diagnostic
  - 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
  - Telescope operation displayed in real time
  - Steer mode selector
  - Outrigger position sensing
  - Drum Rotation direction indication
  - Third wrap indicator — optional
  - 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)
- **Cab Instrumentation**
  - Tachometer
  - Engine water temperature
  - Fuel level
  - Hydraulic oil temperature
  - Stop engine
  - Check engine
  - Wait to start
  - Swing park brake light
  - Engine speed
  - Engine oil pressure
  - Battery voltage
  - Fuel rate (gal/hr)
  - Engine load
  - Engine Diagnostics
  - Diesel exhaust fluid (DEF) level(1)
  - Engine air filter high restriction light
  - Regeneration light(1)
  - Regeneration inhibit switch(1)
  - Regeneration initiate switch(1)
  - High exhaust temperature light(1)
  - Regeneration disabled light(1)

  (1) (Tier 4f / Stage IV engine only)
- **Telematics** – Cellular based data logging and monitoring system that provides:
  - Location and operational settings
  - Routine maintenance
  - Crane and engine monitoring
  - Diagnostic and fault codes

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

Integrated Third Wrap Indicator — Optional — Link-Belt Pulse 2.0 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 2.0 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.

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 1.9 rpm

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

Swing Brake — 360°, foot operated, speed reducing system with disc brake hold feature

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
- Two amber strobe lights at rear of the upper frame
- One LED working light on top of cab — optional
- LED Boom floodlight — Single — optional
- LED Boom floodlight — Dual — optional
- LED Boom floodlight — High intensity remote controlled — optional
- LED Frame work lights — right front, left rear, and work platform — optional

■ Load Hoist System

Load Hoist Performance

Main (Rear) and Auxiliary (Front) Winches — 3/4 in (*19mm*) Rope										
	Maximum Line Pull		Normal Line Speed		High Line Speed		Layer		Total	
Layer	lb	*kN*	ft/min	*m/min*	ft/min	*m/min*	ft	*m*	ft	*m*
1	18,603	*82.8*	168	*51.2*	359	*109.4*	114	*34.7*	114	*34.7*
2	17,103	*76.08*	183	*55.8*	391	*119.2*	124	*37.8*	238	*72.5*
3	15,827	*70.4*	198	*60.4*	422	*128.6*	134	*40.8*	372	*113.4*
4	14,728	*65.51*	212	*64.6*	454	*138.4*	144	*43.9*	516	*157.3*
5	13,772	*61.26*	227	*69.2*	485	*147.8*	154	*46.9*	670	*204.2*

Wire Rope Application		Diameter		Type	Maximum Permissible Load	
		in	*mm*		lb	*kg*
Main (Rear) Winch	Standard	3/4	*19*	37x7 rotation resistant — right lang lay (Type KC)	16,000	*7 257.5*
	Optional	3/4	*19*	35x7 rotation resistant — right lang lay (Type CC)	17,160	*7 783.6*
Auxiliary (Front) Winch	Standard	3/4	*19*	37x7 rotation resistant — right lang lay (Type KC)	16,000	*7 257.5*
	Optional	3/4	*19*	35x7 rotation resistant — right lang lay (Type CC)	17,160	*7 783.6*

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
- Drum rotation indicator(s)
- Drum diameter: 16 in (*40.6cm*)
- Rope length:
  - Front: 500 ft (*152.4m*)
  - Rear: 600 ft (*182.9m*)
- Maximum rope storage: 670 ft (*204.2m*)
- Terminator style socket and wedge
- Encoders for reading rope payout
- Hoist drum cable followers — optional

■ Hydraulic System

Counterbalance Valves — All hoist motors, boom extend cylinders, and boom hoist cylinders are equipped with counterbalance valves to control load lowering. This prevents accidental load drop when hydraulic power is suddenly reduced.

■ Counterweight

Total of 14,500 lb (*6.6t*) counterweight pinned to the upper with capacities for:

- 0 lb (*0t*) counterweight*
- 14,500 lb (*6.6t*) counterweight

Hydraulic counterweight removal — optional — activated by a hand—held controller with enough cable to access the pins on each side of the counterweights.

* Travel speed limited to 5 mph.

Carrier

■ General

- 10 ft 7 in (*3.22m*) wide
- 14 ft 7 in (*4.45m*) wheelbase (centerline of first axle to centerline of second 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 carrier frame

Beams and Jacks — Four single stage beams that are hydraulically controlled from the operator's cab with integral check valves.

V—CALC — Variable confined area lifting capabilities that are incorporated directly into the Pulse 2.0 display allowing multiple outrigger configurations of fully extended, intermediate, and fully retracted selectable in pairs, with live on screen working radii, utilizing 360° charts, and swing arrest.

Pontoons — Four lightweight, quick release, 24 in (*61cm*), steel pontoons with contact area of 452 in^2 (*2 916cm*^{2}) can be stored for road travel in storage racks on the carrier.

Main Jack Reaction — 93,000 lb (*42 186kg*) force and 206 psi (*1 420kPa*) ground bearing pressure.

■ Steering and Axles

Steering — Four independent modes consisting of two wheel front, two wheel rear, four wheel, and crab. Each mode is controlled from the steering wheel and is selected by a switch in the operator's cab.

Drive — Two modes: 4 x 2 and 4 x 4 for off highway travel

Axle 1 — Steered, non—driven for 4 x 2 and steered, driven for 4 x 4

Axle 2 — Steered, driven

■ Suspension

Front — Rigid mount to the carrier frame

Rear — The rear axle is suspended on the oscillation cylinders with motion of the axle controlled by a four bar linkage system. The oscillation cylinders lockout when the upper structure rotates 2.5° past centerline.

- Hydro—gas rear suspension — optional

■ Tires and Wheels

Front and Rear — Four (single) 26.5 x 25—32 ply rating, earthmover type tires on steel disc wheels

- Spare tires and wheels — optional

■ Brakes

Service — Full hydraulic, dual circuit, disc type brakes on all wheel ends

Parking/Emergency — Spring applied type, acting on front axle

■ Electrical

Two batteries provide 24 volt starting and operation

Lights

- All lights are LED.
- Front lighting includes two main headlights, outrigger lights, and two parking/directional indicators.
- Side lighting includes two parking/directional indicators per side.
- Rear lighting includes two parking/directional indicators, two parking/brake lights, and two reversing lights.
- Other equipment includes hazard/warning system, cab light, instrument panel light, and signal horn.

■ Engine

Specification	Cummins QSB	
Numbers of Cylinders	6	6
Cycle	4	4
Emissions Compliance Level:	Tier 4f/Stage IV(1)	Tier 3/Stage IIIA(2)
Bore and Stroke: inch (*mm*)	4.21 x 4.88 (*107 x 124*)	4.21 x 4.88 (*107 x 124*)
Piston Displacement: in^3 (*L*)	408 (*6.7*)	408 (*6.7*)
Max. Brake Horsepower: hp (*kW*)	270 (*201*) @ 2,000 rpm 260 (*194*) @ 2,200 rpm	270 (*201*) @ 2,000 rpm 260 (*194*) @ 2,200 rpm
Peak Torque: ft lb (*Nm*)	730 (*990*) @ 1,500 rpm	730 (*990*) @ 1,500 rpm
Electric/starting systems: volts	24/24	24/24
Alternator: amps	140	140
Crankcase Capacity: qt (*L*)	15 (*14.2*)	15 (*14.2*)

- Water/fuel separator w/ heater and water in fuel (WIF) sensor
- 120—volt block heater — Tier 4f / Stage IV
- 220—volt block heater — Tier 3 / Stage IIIA
- Grid heater — 112 amp
- Mechanically driven, variable speed, engine controlled, viscous fan clutch
- (1) Can only be sold and/or operated where Tier 4f and Stage IV off—highway emission standards are accepted.
- (2) Can only be sold and/or operated where Tier 3 and Stage IIIA off—highway emission standards are accepted.

■ Transmission

Powershift — Three speed with high/low range for 6 forward and 6 reverse gears. Front axle disconnect for two or four wheel drive. Front axle disconnects in high range.

Fuel Tank

One 75 gallon (*283.9L*) capacity tank

Diesel Exhaust Fluid (DEF) tank(1)

- One 5 gal (*18.9L*) capacity tank

(1) (Tier 4f / Stage IV engine only)

Hydraulic System

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

Main Pumps

- One variable displacement, load sense, piston pump with anti—stall for the front/rear winches, boom hoist, and telescope circuits.
- One two section fixed displacement gear pump for the power steering/swing and for the service brakes/outriggers/oscillation/counterweights.
- One single section gear pump for the hydraulic oil cooler fan drive.
- Combined pump capacity of 127 gpm (*480.7Lpm*)

Hydraulic Reservoir — 173 gal (*654.9L*) capacity equipped with sight level gauge. Diffusers built in for deaeration.

Filtration — One 5 micron, full flow line filter in the control circuit. All oil is filtered prior to return to reservoir. Accessible for easy filter replacement.

Hydraulic Oil Coolers — One carrier mounted cooler removes heat from the hydraulic oil. Remote mounted on right side of the carrier.

Pump Drive

All pumps are mounted on the transmission and mechanically driven by the diesel engine.

Maximum Speed

20.8 mph (*33.47 km/h*)

Gradeability

Counterweight	Ascending		Descending		Side	
	Degrees	% Grade	Degrees	% Grade	Degrees	% Grade
0	16.0	29%	6.0	11%	5.0	9%
14,500 lbs (*6.6t*)	14.0	25%	14.0	25%		

Paint

Entire machine is pre-painted and oven baked with Highsolid Paint (2 part epoxy/polyester) and/or (2 part epoxy primer/2 part polyurethane top coat). Standard Link-Belt Red, Link-Belt Gray, and Gloss Black colors apply.

Additional Equipment Options

- Spark arrestor — optional
- Engine air intake shutoff valve — optional

Axle Loads

Base crane with full tank of fuel	Gross Vehicle Weight ([1])		Upper Facing Front				Upper Facing Rear			
			Front Axles		Rear Axles		Front Axles		Rear Axles	
	lb	*kg*	lb	*kg*	lb	*kg*	lb	*kg*	lb	*kg*
Tier 4f / Stage IV	**92,996**	***42 182***	**44,682**	***20 268***	**48,313**	***21 915***	**39,354**	***17 851***	**53,642**	***24 332***
Tier 3 / Stage IIIA	**92,427**	***41 924***	**44,527**	***20 197***	**47,901**	***21 727***	**39,198**	***17 780***	**53,229**	***24 144***
Pintle hook, front	13	*6*	17	*8*	—4	*—2*	17	*8*	—4	*—2*
Pintle hook, rear	13	*6*	—5	*—2*	18	*8*	—5	*—2*	18	*8*
Hydro—gas suspension	61	*28*	22	*10*	39	*18*	22	*10*	39	*18*
Battery w/ AGM (Use with cold weather package)	30	*14*	—11	*—5*	41	*19*	—11	*—5*	41	*19*
Battery w/ Cap—AGM (Use with Arctic package)	43	*20*	—16	*—7*	59	*27*	—16	*—7*	59	*27*
Operator in cab	250	*113*	134	*61*	116	*53*	103	*47*	147	*67*
Hoist drum follower — main	68	*31*	—28	*13*	96	*44*	93	*42*	—25	*11*
Auxiliary winch with 500 ft (*152.4m*) wire rope	721	*327*	—101	*—46*	822	*373*	785	785	—64	*—29*
Hoist drum follower — auxiliary	69	*31*	—17	*—8*	86	*39*	83	*38*	—14	*—6*
Substitute 500 ft (*152.4m*) wire rope with 600 ft (*182.9m*) — auxiliary	121	*55*	—15	*—7*	136	*62*	130	*59*	—9	*—4*
Remove 600 ft (*182.9m*) wire rope from rear (main) winch	—744	*—337*	216	*98*	—960	*—435*	—922	*—418*	178	*81*
Remove 500 ft (*152.4m*) wire rope from front (auxiliary) winch	—623	*—283*	88	*40*	—711	*—323*	—679	*—308*	56	*25*
Remove 14,500 lbs (*6.6t*) counterweight	—14,520	*—6 586*	5,235	*2 375*	—19,755	*—8 961*	—19,009	*—8 622*	4,489	*2 036*
Counterweight Removal	187	*85*	—58	*—26*	245	*111*	235	*107*	—48	*—22*
Emergency steering	220	*100*	39	*18*	181	*82*	170	*77*	50	*23*
360° mechanical swing lock	152	*69*	64	*29*	88	*40*	80	*36*	72	*33*
Floodlight to front of boom base section	37	*17*	93	*42*	—56	*—25*	—58	*—26*	95	*43*
Fly mounting brackets to boom base section for fly options	232	*105*	323	*147*	—91	*—41*	—103	*—47*	335	*152*
10 ft (*3.0m*) offsettable fly — stowed	1,062	*482*	2,458	*1 115*	—1,396	*—633*	—1,450	*—658*	2,512	*1 139*
10—35 ft (*3.0—10.67m*) offsettable fly — stowed	2,044	*927*	3,406	*1 545*	—1,362	*—618*	—1,467	*—665*	3,511	*1 593*
10—35—58 ft (*3.0—10.67—17.68m*) offsettable fly — stowed	2,745	*1 245*	4,073	*1 847*	—1,328	*—602*	—1,469	*—666*	4,214	*1 911*
35 ft (*10.67m*) offsettable fly — stowed	1,580	*717*	2,501	*1 134*	—921	*—418*	—1,002	*—454*	2,582	*1 171*
35—58 ft (*10.67—17.68m*) offsettable fly — stowed	2,281	*1 035*	3,168	*1 437*	—887	*—402*	—1,004	*—455*	3,285	*1 490*
Auxiliary lifting sheave	110	*50*	297	*135*	—187	*—85*	—193	*—88*	303	*137*
60 ton (*54.4mt*) 3—sheave hook block Flexi—weight at bumper	1,401	*636*	2,065	*937*	—664	*—301*	—737	*—334*	2,138	*970*
88 ton (*79.8mt*) 5—sheave hook block Flexi—weight at bumper	1,613	*732*	2,378	*1 079*	—765	*—347*	—848	*—385*	2,461	*1 116*
27 ton (*24.5mt*) 1—sheave hook block Flexi—weight at bumper	843	*382*	1,243	*564*	—400	*—181*	—443	*—201*	1,286	*583*
10 ton (*9.1mt*) hook ball at bumper	580	*263*	855	*388*	—275	*—125*	—305	*—138*	885	*401*
60 ton (*54.4mt*) 3—sheave hook block Flexi—weight at boom head	1,401	*636*	3,643	*1 652*	—2,242	*—1 017*	—2,314	*—1 050*	3,715	*1 685*
88 ton (*79.8mt*) 5—sheave hook block Flexi—weight at boom head	1,613	*732*	4,360	*1 978*	—2,747	*—1 246*	—2,830	*—1 284*	4,443	*2 015*
10 ton (*9.1mt*) hook ball at boom head	580	*263*	1,508	*684*	—928	*—421*	—958	*435*	1,538	*698*

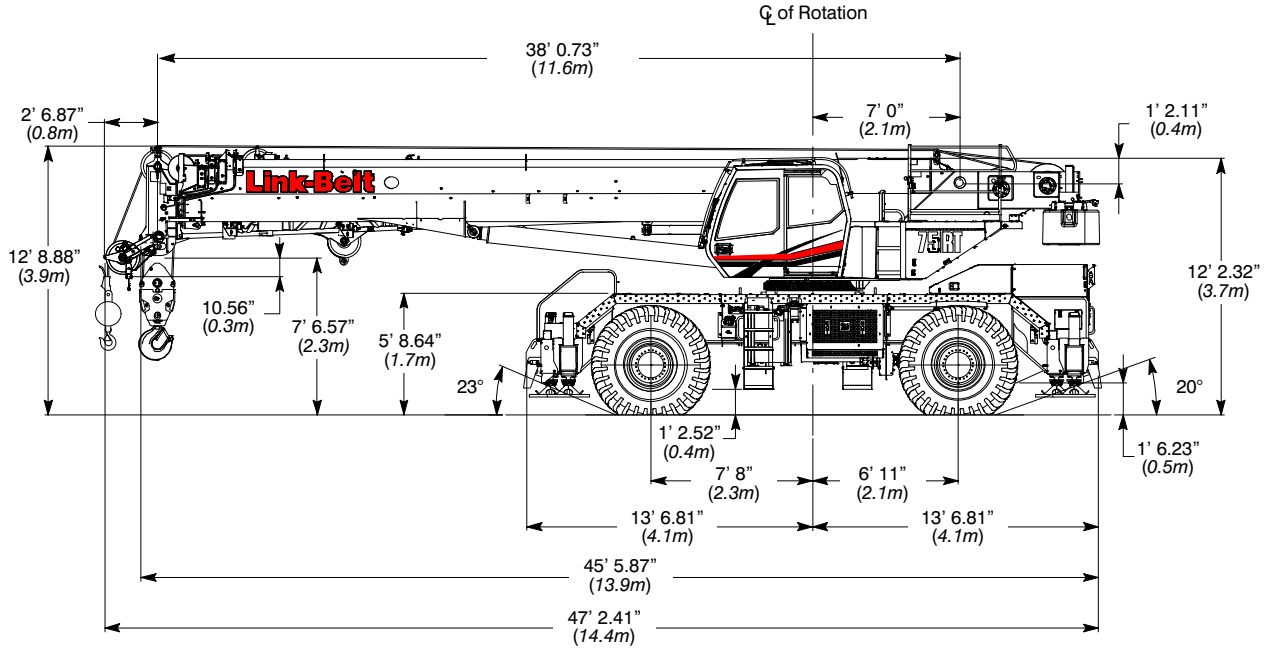
Tire	Maximum Allowable Axle Load @ 20 mph (*32.2km/h*)
26.5 x 25 (32—PR)	55,000 lb (*24 948kg*)

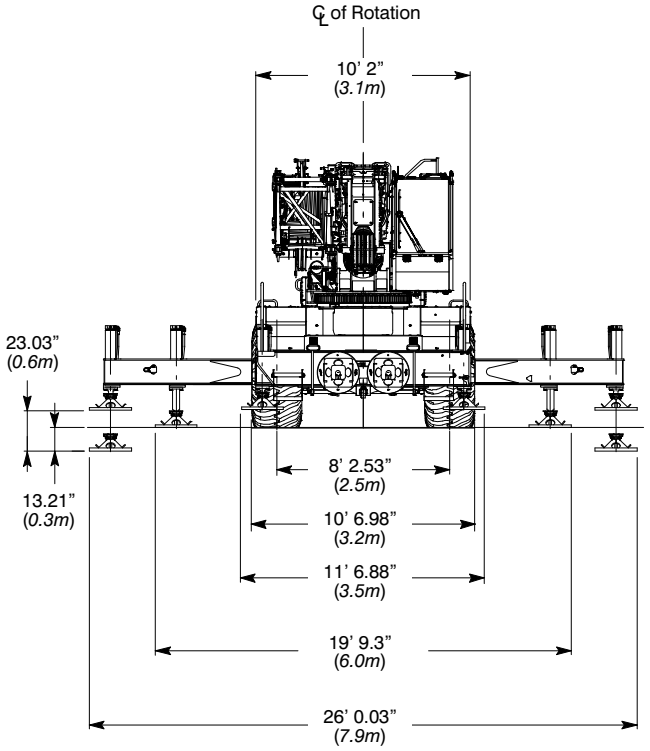
([1]) Adjust gross vehicle weight and axle loading according to component weight.
Note: All weights are ±3%.

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

General Dimensions

Tier 4f / Stage IV





Turning Radius — Front Wheel (4x2) Steering	English	*Metric*
Wall to wall over carrier	43' 2"	*13.2m*
Wall to wall over boom attachment	53' 3"	*16.2m*
Curb to curb	41' 6"	*12.6m*
Centerline of tire	40' 0"	*12.2m*

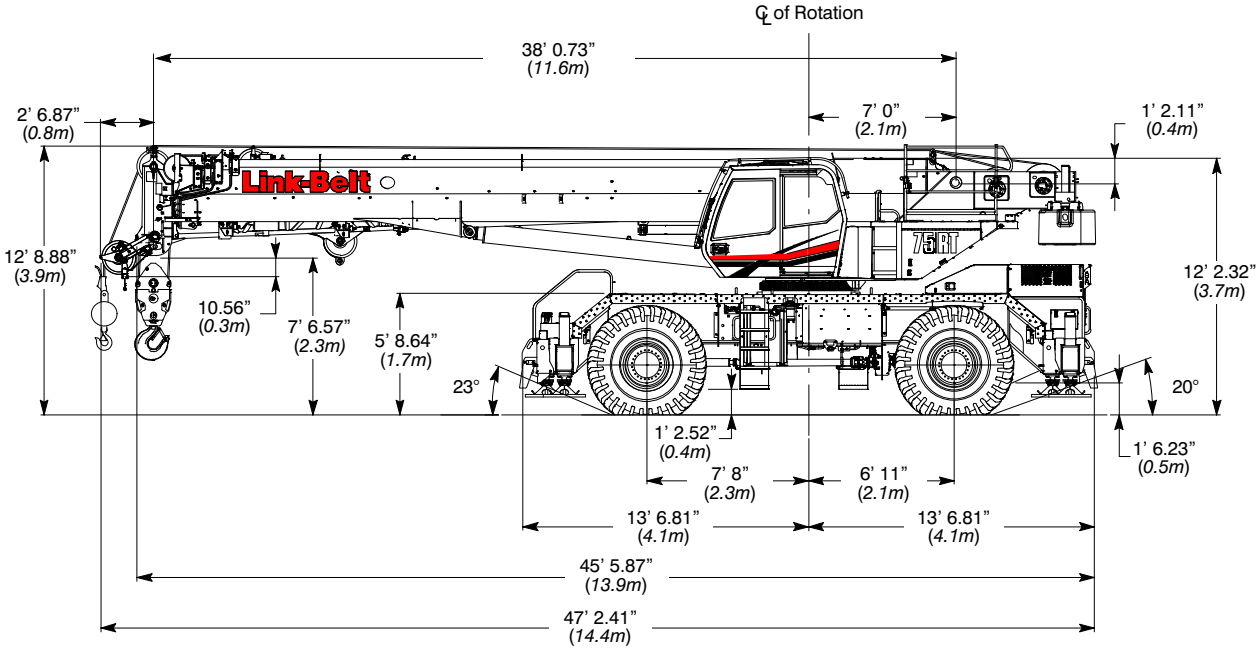
Turning Radius — All Wheel (4x4) Steering	English	*Metric*
Wall to wall over carrier	26' 6"	*8.1m*
Wall to wall over boom attachment	38' 0"	*11.6m*
Curb to curb	24' 10"	*7.6m*
Centerline of tire	23' 6"	*7.2m*

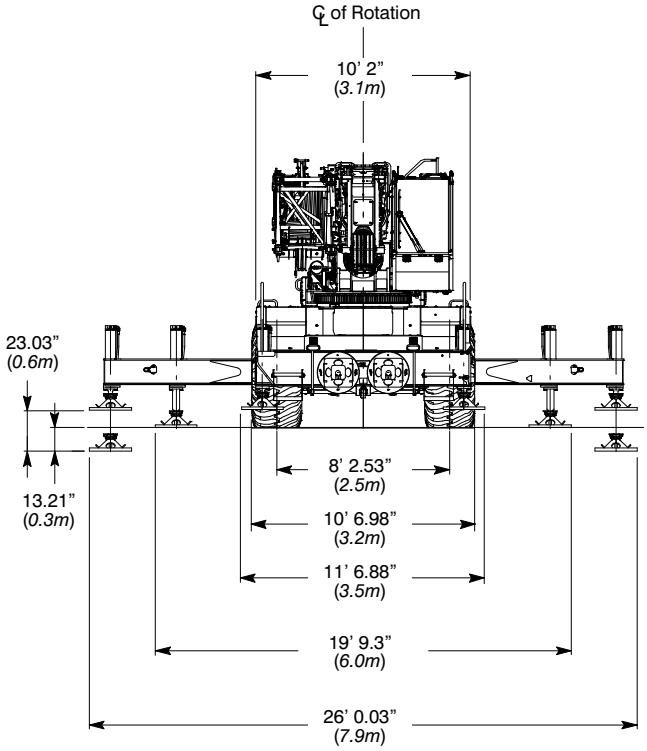
Tail Swing	English	*Metric*
With counterweight	13' 7.98"	*4.17m*
Without counterweight	13' 0.73"	*4.0m*

Not To Scale

General Dimensions

Tier 3 / Stage IIIA





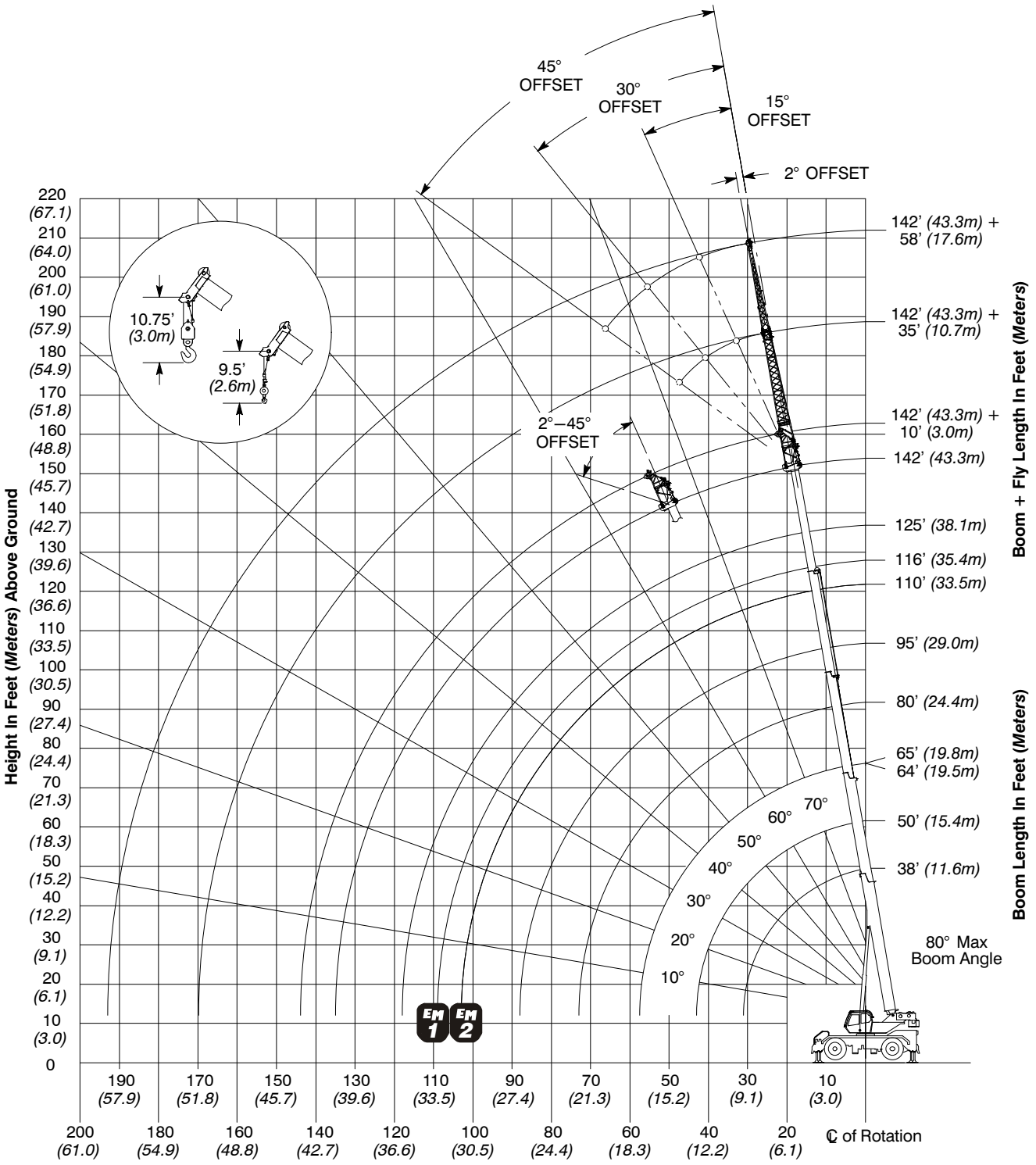
Turning Radius — Front Wheel (4x2) Steering	English	*Metric*
Wall to wall over carrier	43' 2"	*13.2m*
Wall to wall over boom attachment	53' 3"	*16.2m*
Curb to curb	41' 6"	*12.6m*
Centerline of tire	40' 0"	*12.2m*

Turning Radius — All Wheel (4x4) Steering	English	*Metric*
Wall to wall over carrier	26' 6"	*8.1m*
Wall to wall over boom attachment	38' 0"	*11.6m*
Curb to curb	24' 10"	*7.6m*
Centerline of tire	23' 6"	*7.2m*

Tail Swing	English	*Metric*
With counterweight	13' 7.98"	*4.17m*
Without counterweight	13' 0.73"	*4.0m*

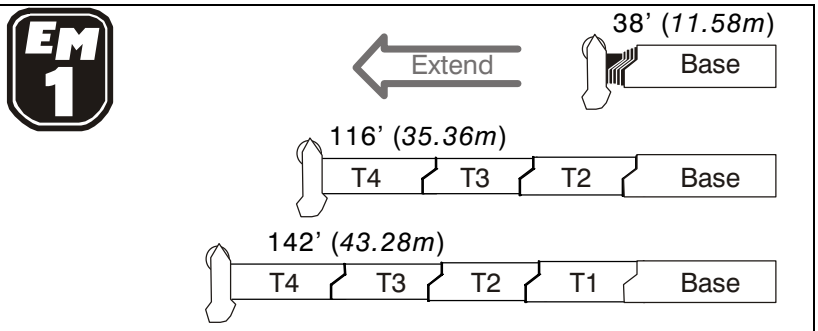
Not To Scale

Working Range Diagram

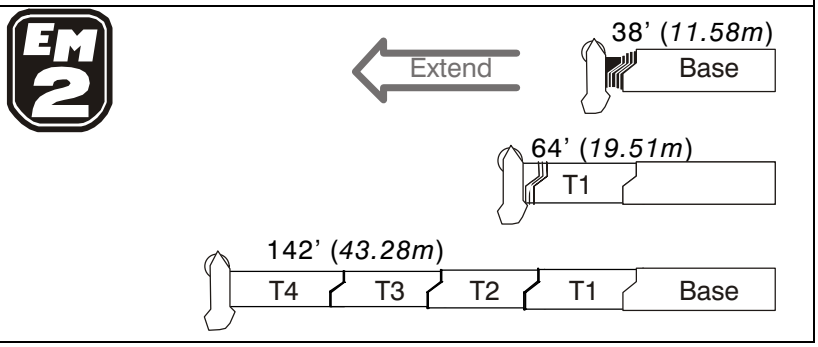


Boom Extend Modes

	Boom Length		Telescope Length			
	ft	*m*	T4	T3	T2	T1
*	38	*11.58*				
	50	*15.24*	15%	15%	15%	
*	65	*19.81*	35%	35%	35%	
	80	*24.38*	54%	54%	54%	
**	90	*27.43*	67%	67%	67%	
	95	*28.96*	73%	73%	73%	
*	116	*35.36*	100%	100%	100%	
	125	*38.10*	100%	100%	100%	35%
*	142	*43.28*	100%	100%	100%	100%



	Boom Length		Telescope Length			
	ft	*m*	T4	T3	T2	T1
*	38	*11.58*				
	50	*15.24*				46%
*	64	*19.51*				100%
	80	*24.38*	21%	21%	21%	100%
**	85	*25.91*	27%	27%	27%	100%
	95	*28.96*	40%	40%	40%	100%
*	110	*33.53*	59%	59%	59%	100%
	125	*38.10*	78%	78%	78%	100%
*	142	*43.28*	100%	100%	100%	100%



* Denotes boom lengths charted with main boom and 10’, 35’ or 58’ fly capacities.

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

Main Boom Lift Capacity Charts — Imperial

14,500lb Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Pounds)

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

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

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

14,500lb Counterweight On Tires — Stationary — Boom Centered Over The Front Between Tire Tracks
(All Capacities Are Listed In Pounds)

Radius (ft)	Boom Length (ft)					Radius (ft)
	38.0	50.0	64.0/65.0	65	75	
10	68,800					10
12	60,900	59,900				12
15	51,700	50,800	39,400			15
20	40,700	42,300	39,400	26,500		20
25	31,800	33,900	35,200	26,500		25
30	22,500	24,600	25,800	26,500	20,800	30
35		18,500	19,800	20,400	20,800	35
40		14,300	15,600	16,200	16,600	40
45			12,500	13,200	13,600	45
50			10,100	10,800	11,200	50
55			8,200	8,900	9,400	55
60				7,400	7,800	60
65				6,100	6,600	65
70				5,000	5,500	70
75					4,600	75
80					3,800	80
85					3,100	85

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

14,500lb Counterweight On Tires — Boom Centered Over The Front Pick and Carry — Creep
(All Capacities Are Listed In Pounds)

Radius (ft)	Boom Length (ft)					Radius (ft)
	38.0	50.0	64.0/65.0	80.0	95.0	
10	67,600					10
12	59,200	58,300				12
15	49,300	48,500	36,400			15
20	37,700	39,200	36,400	26,500		20
25	29,700	31,300	32,300	26,500		25
30	22,500	24,600	25,800	26,500	20,800	30
35		18,500	19,800	20,400	20,800	35
40		14,300	15,600	16,200	16,600	40
45			12,500	13,200	13,600	45
50			10,100	10,800	11,200	50
55			8,200	8,900	9,400	55
60				7,400	7,800	60
65				6,100	6,600	65
70				5,000	5,500	70
75					4,600	75
80					3,800	80
85					3,100	85

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

Radius (ft)	Boom Length (ft)					Radius (ft)
	38.0	50.0	64.0/65.0	80.0	95.0	
12	42,500					12
15	29,600	31,500				15
20	17,500	19,400				20
25	11,100	12,900	14,200			25
30	7,000	8,800	10,000	10,700		30
35		6,000	7,200	7,900	8,300	35
40		4,000	5,100	5,800	6,300	40
45			3,600	4,300	4,700	45
50			2,400	3,000	3,500	50
55				2,000	2,500	55
60				1,200	1,600	60
65					1,000	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.

Fly Attachment Lift Capacity Charts — Optional

14,500lb Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Pounds)
Main Boom + 10 ft Manual Offset Fly (2°, 15°, 30° & 45° Offsets)

Radius (ft)	Boom Length (ft)								Radius (ft)
	38.0	50.0	64.0/65.0	80.0	95.0	110.0/116.0	125.0	142.0	
10	41,500	42,700	44,300						10
12	36,000	36,600	42,600	44,100					12
15	35,100	35,900	36,400	44,100	44,000				15
20	34,100	34,800	35,500	35,900	36,000	30,800			20
25	33,500	34,000	34,700	35,200	35,500	30,800	22,800		25
30	33,500	33,600	34,200	34,500	34,800	30,800	22,800	16,200	30
35	33,500	33,500	33,800	34,300	33,500	30,000	22,800	16,200	35
40	30,100	30,700	31,300	28,500	28,400	27,500	22,100	16,200	40
45		24,800	25,300	25,700	22,600	23,200	20,400	16,200	45
50		20,600	21,000	21,300	18,400	18,900	18,900	16,200	50
55			17,700	18,000	16,100	15,800	16,100	15,200	55
60			15,100	15,400	14,900	13,200	13,600	13,900	60
65			13,000	13,200	13,400	11,500	12,200	11,800	65
70				11,500	11,700	10,600	11,200	10,100	70
75				10,000	10,200	9,800*	9,700	8,600	75
80				8,700	8,900	9,100*	8,400	7,300	80
85					7,800	7,900*	7,300	6,200	85
90					6,800	7,000*	6,300	5,300	90
95					6,000	6,100*	5,500	4,500	95
100						5,400*	4,700	3,700	100
105						4,700*	4,100	3,100	105
110						4,100*	3,500	2,500	110
115						3,600*	3,000	2,000	115
120							2,500	1,500	120
125							2,100	1,100	125

***Boom Mode EM1, 116.0 ft**

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

14,500lb Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Pounds)

Radius (ft)	142 ft Main Boom Length								Radius (ft)
	35 ft Manual Offset Fly				58 ft Manual Offset Fly				
	2°	15°	30°	45°	2°	15°	30°	45°	
40	11,000								**40**
45	11,000				7,400				**45**
50	11,000	11,400			7,400				**50**
55	11,000	11,400			7,400				**55**
60	11,000	11,400	11,300		7,400				**60**
65	11,000	11,400	11,000	9,800	7,400	7,800			**65**
70	10,900	11,100	10,800	9,700	7,400	7,700			**70**
75	9,300	10,100	10,100	9,600	7,400	7,500			**75**
80	8,000	8,800	9,400	9,300	7,400	7,300	6,200		**80**
85	6,900	7,600	8,300	8,700	7,400	7,100	6,000	5,200	**85**
90	6,000	6,600	7,200	7,600	6,500	6,900	5,900	5,100	**90**
95	5,100	5,700	6,200	6,600	5,700	6,600	5,700	5,100	**95**
100	4,400	4,900	5,400	5,700	4,900	5,700	5,600	5,000	**100**
105	3,700	4,200	4,600	4,900	4,200	5,000	5,500	4,900	**105**
110	3,100	3,500	3,900	4,200	3,600	4,300	5,000	4,900	**110**
115	2,500	2,900	3,300	3,500	3,000	3,700	4,400	4,800	**115**
120	2,100	2,400	2,700	2,900	2,500	3,200	3,800	4,200	**120**
125	1,600	1,900	2,200	2,400	2,100	2,700	3,200	3,600	**125**
130	1,200	1,500	1,700	1,900	1,700	2,200	2,700	3,100	**130**
135		1,100	1,300	1,400	1,300	1,800	2,200	2,600	**135**
140			900	1,000	900	1,400	1,800	2,100	**140**
145						1,000	1,400	1,600	**145**
150							1,000	1,200	**150**

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

Main Boom Lift Capacity Charts — 85% — Metric

6.6t Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)								Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	33.53/35.36	38.1	43.28	
2.5	*70 000								**2.5**
3.0	60 100	43 800	27 650						**3.0**
3.5	54 750	43 800	27 650						**3.5**
4.0	50 200	43 800	27 650	20 400					**4.0**
4.5	46 250	43 800	27 650	20 400					**4.5**
5.0	42 850	42 500	27 650	20 400	20 400				**5.0**
6.0	36 150	35 750	27 650	20 400	20 400	18 100			**6.0**
7.0	30 350	29 950	27 650	20 400	20 400	18 100			**7.0**
8.0	25 950	25 550	25 150	20 400	19 850	17 950	12 800		**8.0**
9.0	22 450	21 800	21 250	20 150	18 200	16 500	12 800	9 150	**9.0**
10.0		19 300	19 950	18 050	16 750	15 250	12 800	9 150	**10.0**
12.0		13 650	14 300	14 650	13 200	13 200	11 700	9 150	**12.0**
14.0			10 850	11 150	9 800	10 150	10 450	8 950	**14.0**
16.0			8 450	8 800	8 450	7 850	8 100	8 100	**16.0**
18.0				7 100	7 300	6 300	6 650	6 700	**18.0**
20.0				5 800	6 050	5 650	5 900	5 400	**20.0**
22.0				4 800	5 000	5 100	4 900	4 400	**22.0**
24.0					4 200	4 400	4 100	3 600	**24.0**
26.0					3 500	3 700	3 400	2 950	**26.0**
28.0						3 150	2 850	2 400	**28.0**
30.0						2 650	2 400	1 950	**30.0**
32.0						2 250	2 000	1 550	**32.0**
34.0							1 600	1 200	**34.0**
36.0								900	**36.0**
38.0								600	**38.0**

* Over Front Only

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

6.6t Counterweight On Tires — Stationary — Boom Centered Over The Front Between Tire Tracks
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	
3.0	31 200					**3.0**
3.5	28 450	27 200				**3.5**
4.0	25 900	25 500				**4.0**
4.5	23 700	23 350	17 900			**4.5**
5.0	21 850	21 500	17 900			**5.0**
6.0	18 750	19 450	17 900	12 000		**6.0**
7.0	16 000	16 900	15 950	12 000		**7.0**
8.0	13 250	14 200	14 700	12 000		**8.0**
9.0	10 550	11 500	12 050	12 000	9 450	**9.0**
10.0		9 450	10 050	10 300	9 450	**10.0**
12.0		6 700	7 250	7 550	7 700	**12.0**
14.0			5 450	5 750	5 950	**14.0**
16.0			4 100	4 450	4 650	**16.0**
18.0				3 450	3 650	**18.0**
20.0				2 700	2 900	**20.0**
22.0				2 100	2 300	**22.0**
24.0					1 800	**24.0**
26.0					1 400	**26.0**

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

6.6t Counterweight On Tires — Boom Centered Over The Front Pick and Carry — Creep
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	
3.0	30 650					3.0
3.5	27 750	26 450				3.5
4.0	25 000	24 650				4.0
4.5	22 650	22 300	16 500			4.5
5.0	20 650	20 850	16 500			5.0
6.0	17 350	18 050	16 500	12 000		6.0
7.0	14 800	15 500	14 650	12 000		7.0
8.0	12 700	13 450	13 950	12 000		8.0
9.0	10 550	11 500	12 050	12 000	9 450	9.0
10.0		9 450	10 050	10 300	9 450	10.0
12.0		6 700	7 250	7 550	7 700	12.0
14.0			5 450	5 750	5 950	14.0
16.0			4 100	4 450	4 650	16.0
18.0				3 450	3 650	18.0
20.0				2 700	2 900	20.0
22.0				2 100	2 300	22.0
24.0					1 800	24.0
26.0					1 400	26.0

6.6t Counterweight On Tires — Stationary — 360° Rotation
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	
3.5	20 150					3.5
4.0	16 900					4.0
4.5	13 800					4.5
5.0	11 450	12 350				5.0
6.0	8 200	9 050				6.0
7.0	6 050	6 900	7 400			7.0
8.0	4 500	5 300	5 900			8.0
9.0	3 350	4 150	4 700	5 000		9.0
10.0		3 250	3 750	4 100		10.0
12.0		1 900	2 450	2 750	2 950	12.0
14.0			1 500	1 800	2 000	14.0
16.0				1 150	1 350	16.0
18.0				600	800	18.0

WARNING: Do Not Raise Boom Above 68° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

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 — 85% — Optional

6.6t Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Kilograms
Main Boom + 3.0m Manual Offset Fly (2°, 15°, 30° & 45° Offsets)

Radius (m)	Boom Length (m)								Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	33.53/35.36	38.1	43.28	
3.0	18 850	19 400	20 050						**3.0**
3.5	18 400	19 000	20 050						**3.5**
4.0	16 150	16 500	19 100	20 000					**4.0**
4.5	15 950	16 300	16 550	20 000					**4.5**
5.0	15 750	16 100	16 400	20 000	19 950				**5.0**
6.0	15 450	15 800	16 100	16 300	16 350	13 950			**6.0**
7.0	15 250	15 550	15 900	16 100	16 200	13 950			**7.0**
8.0	15 150	15 350	15 650	15 900	16 000	13 950	10 350		**8.0**
9.0	15 150	15 250	15 500	15 700	15 800	13 950	10 350	7 350	**9.0**
10.0	15 150	15 200	15 400	15 600	15 600	13 950	10 350	7 350	**10.0**
12.0	14 050	14 350	14 550	13 050	13 250	12 650	10 150	7 350	**12.0**
14.0		10 850	11 100	11 250	9 850	10 100	9 100	7 350	**14.0**
16.0		8 550	8 700	8 850	7 650	7 800	8 000	7 150	**16.0**
18.0			7 050	7 200	6 850	6 200	6 350	6 500	**18.0**
20.0			5 800	5 900	6 000	5 150	5 450	5 250	**20.0**
22.0				4 900	4 950	4 650	4 750	4 250	**22.0**
24.0				4 100	4 150	4 200	3 950	3 450	**24.0**
26.0					3 500	3 550	3 250	2 800	**26.0**
28.0					2 950	3 000	2 700	2 250	**28.0**
30.0						2 550	2 250	1 800	**30.0**
32.0						2 150	1 850	1 400	**32.0**
34.0						1 800	1 500	1 050	**34.0**
36.0						1 500	1 200	750	**36.0**
38.0							950	500	**38.0**

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

6.6t Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Kilograms)

Radius (m)	43.28m Main Boom Length								Radius (m)
	10.7m Manual Offset Fly				17.7m Manual Offset Fly				
	2°	15°	30°	45°	2°	15°	30°	45°	
12.0	4 950								**12.0**
14.0	4 950				3 350				**14.0**
16.0	4 950	5 150			3 350				**16.0**
18.0	4 950	5 150	5 150		3 350				**18.0**
20.0	4 950	5 150	5 000	4 450	3 350	3 550			**20.0**
22.0	4 600	4 850	4 750	4 400	3 350	3 450			**22.0**
24.0	3 800	4 100	4 350	4 300	3 350	3 350	2 800		**24.0**
26.0	3 100	3 400	3 700	3 950	3 350	3 200	2 700	2 350	**26.0**
28.0	2 550	2 800	3 100	3 300	2 800	3 100	2 650	2 300	**28.0**
30.0	2 100	2 300	2 550	2 700	2 300	2 700	2 550	2 250	**30.0**
32.0	1 650	1 900	2 100	2 250	1 900	2 250	2 500	2 250	**32.0**
34.0	1 300	1 500	1 700	1 800	1 550	1 850	2 200	2 200	**34.0**
36.0	1 000	1 200	1 350	1 450	1 250	1 500	1 800	2 050	**36.0**
38.0	750	900	1 000	1 100	950	1 200	1 450	1 650	**38.0**
40.0	500	600	750	800	700	950	1 150	1 350	**40.0**
42.0		400	500	500	500	700	900	1 050	**42.0**
44.0						500	650	750	**44.0**
46.0							450	500	**46.0**
48.0									**48.0**

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

Main Boom Lift Capacity Charts — 75% — Metric

6.6t Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)								Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	33.53/35.36	38.1	43.28	
2.5	*65 000								**2.5**
3.0	60 100	43 800	27 650						**3.0**
3.5	54 750	43 800	27 650						**3.5**
4.0	50 200	43 800	27 650	20 400					**4.0**
4.5	46 250	43 800	27 650	20 400					**4.5**
5.0	42 850	42 500	27 650	20 400	20 400				**5.0**
6.0	36 150	35 750	27 650	20 400	20 400	18 100			**6.0**
7.0	30 350	29 950	27 650	20 400	20 400	18 100			**7.0**
8.0	25 500	24 700	24 100	20 400	19 850	17 950	12 800		**8.0**
9.0	19 850	20 850	20 450	19 700	18 200	16 500	12 800	9 150	**9.0**
10.0		17 000	17 600	17 950	16 450	15 250	12 800	9 150	**10.0**
12.0		12 050	12 600	12 950	11 600	11 950	11 700	9 150	**12.0**
14.0			9 550	9 850	9 500	8 950	9 200	8 950	**14.0**
16.0			7 450	7 750	7 950	7 000	7 400	7 300	**16.0**
18.0				6 300	6 450	6 300	6 350	5 900	**18.0**
20.0				5 150	5 300	5 450	5 200	4 750	**20.0**
22.0				4 150	4 400	4 550	4 300	3 800	**22.0**
24.0					3 650	3 850	3 550	3 050	**24.0**
26.0					3 000	3 200	2 900	2 450	**26.0**
28.0						2 650	2 400	1 950	**28.0**
30.0						2 200	1 950	1 500	**30.0**
32.0						1 850	1 550	1 100	**32.0**
34.0							1 200	800	**34.0**
36.0								500	**36.0**

* Over Front Only

This information is not for crane operation. Operator must refer to the in—cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

6.6t Counterweight On Tires — Stationary — Boom Centered Over The Front Between Tire Tracks
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	
3.0	31 200					**3.0**
3.5	28 450	27 200				**3.5**
4.0	25 900	25 500				**4.0**
4.5	23 700	23 350	17 900			**4.5**
5.0	21 850	21 500	17 900			**5.0**
6.0	18 750	19 450	17 900	12 000		**6.0**
7.0	14 750	15 600	15 950	12 000		**7.0**
8.0	11 450	12 300	12 750	12 000		**8.0**
9.0	9 100	9 950	10 400	10 650	9 450	**9.0**
10.0		8 200	8 700	8 950	9 100	**10.0**
12.0		5 800	6 300	6 550	6 700	**12.0**
14.0			4 700	5 000	5 150	**14.0**
16.0			3 550	3 850	4 000	**16.0**
18.0				3 000	3 150	**18.0**
20.0				2 350	2 500	**20.0**
22.0				1 800	2 000	**22.0**
24.0					1 500	**24.0**
26.0					1 100	**26.0**

This information is not for crane operation. Operator must refer to the in—cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

6.6t Counterweight On Tires — Boom Centered Over The Front Pick and Carry — Creep
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	
3.0	30 650					3.0
3.5	27 750	26 450				3.5
4.0	25 000	24 650				4.0
4.5	22 650	22 300	16 500			4.5
5.0	20 650	20 850	16 500			5.0
6.0	17 350	18 050	16 500	12 000		6.0
7.0	14 750	15 500	14 650	12 000		7.0
8.0	11 450	12 300	12 750	12 000		8.0
9.0	9 100	9 950	10 400	10 650	9 450	9.0
10.0		8 200	8 700	8 950	9 100	10.0
12.0		5 800	6 300	6 550	6 700	12.0
14.0			4 700	5 000	5 150	14.0
16.0			3 550	3 850	4 000	16.0
18.0				3 000	3 150	18.0
20.0				2 350	2 500	20.0
22.0				1 800	2 000	22.0
24.0					1 500	24.0
26.0					1 100	26.0

6.6t Counterweight On Tires — Stationary — 360° Rotation
(All Capacities Are Listed In Kilograms)

Radius (m)	Boom Length (m)					Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	
3.5	18 400					3.5
4.0	14 650					4.0
4.5	11 950					4.5
5.0	9 900	10 650				5.0
6.0	7 100	7 850				6.0
7.0	5 250	5 950	6 450			7.0
8.0	3 900	4 600	5 100			8.0
9.0	2 900	3 600	4 050	4 350		9.0
10.0		2 800	3 250	3 550		10.0
12.0		1 550	2 100	2 350	2 550	12.0
14.0			1 200	1 500	1 750	14.0
16.0				800	1 050	16.0
18.0					500	18.0

WARNING: Do Not Raise Boom Above 68° Boom Angle, Loss of Backward Stability Will Occur Causing a Tipping Condition.

This information is not for crane operation. Operator must refer to the in—cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

Fly Attachment Lift Capacity Charts — 75% — Optional

6.6t Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Kilograms
Main Boom + 3.0m Manual Offset Fly (2°, 15°, 30° & 45° Offsets)

Radius (m)	Boom Length (m)								Radius (m)
	11.58	15.24	19.51/19.81	24.38	28.96	33.53/35.36	38.1	43.28	
3.0	18 850	19 400	20 050						**3.0**
3.5	18 400	19 000	20 050						**3.5**
4.0	16 150	16 500	19 100	20 000					**4.0**
4.5	15 950	16 300	16 550	20 000					**4.5**
5.0	15 750	16 100	16 400	20 000	19 950				**5.0**
6.0	15 450	15 800	16 100	16 300	16 350	13 950			**6.0**
7.0	15 250	15 550	15 900	16 100	16 200	13 950			**7.0**
8.0	15 150	15 350	15 650	15 900	16 000	13 950	10 350		**8.0**
9.0	15 150	15 250	15 500	15 700	15 800	13 950	10 350	7 350	**9.0**
10.0	15 150	15 200	15 400	15 600	15 600	13 950	10 350	7 350	**10.0**
12.0	12 350	12 650	12 850	13 000	11 700	11 950	10 150	7 350	**12.0**
14.0		9 550	9 750	9 900	8 700	8 900	9 100	7 350	**14.0**
16.0		7 550	7 700	7 800	7 650	6 900	7 100	7 150	**16.0**
18.0			6 200	6 350	6 400	5 750	6 050	5 750	**18.0**
20.0			5 100	5 200	5 250	5 150	5 050	4 600	**20.0**
22.0				4 300	4 400	4 450	4 150	3 650	**22.0**
24.0				3 550	3 600	3 700	3 400	2 900	**24.0**
26.0					3 000	3 050	2 750	2 300	**26.0**
28.0					2 450	2 550	2 250	1 750	**28.0**
30.0						2 100	1 800	1 350	**30.0**
32.0						1 700	1 400	950	**32.0**
34.0						1 400	1 100	650	**34.0**
36.0						1 150	800		**36.0**
38.0							550		**38.0**

This information is not for crane operation. Operator must refer to the in—cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

6.6t Counterweight — Fully Extended Outriggers — 360° Rotation
(All Capacities Are Listed In Kilograms)

Radius (m)	43.28m Main Boom Length								Radius (m)
	10.7m Manual Offset Fly				17.7m Manual Offset Fly				
	2°	15°	30°	45°	2°	15°	30°	45°	
12.0	4 950								**12.0**
14.0	4 950				3 350				**14.0**
16.0	4 950	5 150			3 350				**16.0**
18.0	4 950	5 150	5 150		3 350				**18.0**
20.0	4 950	5 150	5 000	4 450	3 350	3 550			**20.0**
22.0	4 000	4 400	4 750	4 400	3 350	3 450			**22.0**
24.0	3 200	3 550	3 900	4 200	3 350	3 350	2 800		**24.0**
26.0	2 600	2 900	3 200	3 450	2 850	3 200	2 700	2 350	**26.0**
28.0	2 050	2 350	2 600	2 800	2 300	2 750	2 650	2 300	**28.0**
30.0	1 600	1 850	2 100	2 250	1 850	2 250	2 550	2 250	**30.0**
32.0	1 250	1 450	1 650	1 800	1 450	1 800	2 200	2 250	**32.0**
34.0	900	1 100	1 250	1 400	1 150	1 450	1 800	2 050	**34.0**
36.0	600	800	950	1 050	850	1 100	1 400	1 650	**36.0**
38.0		500	650	700	550	850	1 100	1 300	**38.0**
40.0				450		600	800	1 000	**40.0**
42.0							550	700	**42.0**
44.0								450	**44.0**

This information is not for crane operation. Operator must refer to the in—cab information for crane operation. Rated lifting capacities shown on fully extended outriggers do not exceed 75% of the tipping loads and on tires do not exceed 65% of the tipping loads.

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