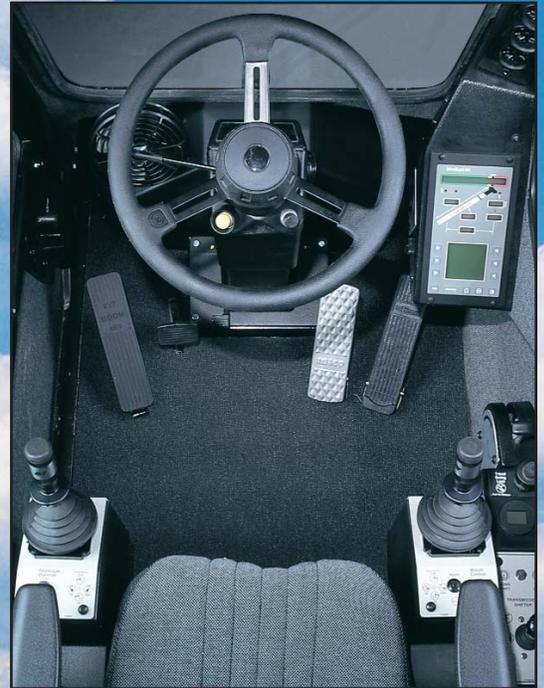


RTC-8075

Rough Terrain Crane
75-ton (68.00 mt)

- 75-ton at 8 ft (2.44 m) radius
- 202 ft (61.57 m) maximum tip height
- 94,199 lbs (42 728 kg) gross vehicle weight (fully loaded)
- 41 ft to 127 ft (12.50 m to 38.71 m) full power, four-section boom with quick reeve boom head
- Optional 67 ft (20.42 m) two-piece (bi-fold) lattice fly, stowable, offsettable to 2°, 20° and 40°
- Microguard 434 rated capacity limiter
- Off-highway 225 hp (168 kW) Caterpillar engine
- Spicer 6 speed power shift transmission
- Pilot-operated hydraulic controls
- 19.5 mph (31.4 km/hr) travel speed
- 12 ft 7 in (3.84 m) wheel base



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RTC-8075

Rough Terrain Crane

Superior performance, control and reliability

The RTC-8075 is jam-packed with power, control & reliability !

- Caterpillar 3126B electronic engine with 225 hp (168 kW) provides 646 lb-ft (876 Nm) of torque
- Remote-mounted, thermostatically controlled oil cooler provides maximum transmission cooling under the most extreme job site conditions
- Electronic throttle for improved throttle response
- Three automotive-style batteries linked in parallel and provide 700 cold cranking amps for cold weather starting
- Rugged, lightweight steel pontoons
- Hydraulic disc brakes for both service brakes and parking brake
- Metri-Pak wire harnesses have sealed relays and connectors throughout for outstanding long-term reliability. All wires have flame retardant polyethylene insulation, resulting in a higher heat resistant wiring system.

4-section full power boom with attachment flexibility

- Full power 41 ft to 127 ft (12.50 m to 38.71 m) four-section boom with two extend modes: **A-max and fully synchronized**
- Features the "Boss," Link-Belt's patented boom design of high strength angle cords and high formability sidewall embossments.
- Maximum tip height is 202 ft (61.57 m) with the attachment and main boom used in combination
- Optional 39 ft 6 in (12.04 m) one-piece lattice fly and optional 39 ft 6 in to 67 ft (12.04 m to 20.42 m) two-piece bi-fold lattice fly are offsettable to 2°, 20° and 40°.



A-max extends only the inner-mid section of the boom for substantially increased capacities for in-close, maximum capacity lifts.



Operator cab features

- Large front window for excellent visibility
- Tinted glass
- Sliding right side and rear windows and swing-up top window provide excellent ventilation
- Integral rated capacity limiter aids the operator in safe and efficient operation by continuously monitoring boom length, boom angle, head height, radius of load, machine configuration, allowed load and percent of allowed load.

Powerful hydraulics

- For greater productivity and control, the six-pump hydraulic circuit allows simultaneous function of boom hoist, winch and swing.
- Piston motor hydraulic hoist system delivers superior hoisting. Matched sizes of main and auxiliary winches provide equal maximum available line pulls of 16,506 lbs (7 487 kg) and maximum line speeds of 454 fpm (138 m/min) on 16" (.41 m) root diameter drums.

Job site maneuverability

- Steering modes are chosen and performed with the steering wheel and include independent front steer, four wheel steer, and "crab" steering.
- CALC — Outrigger beams have three lifting stages (retracted, intermediate and fully extended) providing lifting capacities in confined areas.



Engine hood design provides easy access for maintenance.



Fast & efficient hydraulic counterweight removal enhances roadability



Transmission oil is cooled by a thermostatically-controlled oil cooler to provide maximum cooling under the most extreme job conditions.

Invest in a legacy of outstanding customer support

- Distributor support personnel - Factory-trained technicians are specifically tested to establish proficiency in all aspects of crane diagnostics and repair.
- Factory product support team - Supporting your trained distributor personnel are experienced factory advisors with comprehensive records and technical libraries that stand ready to resolve any crane service issue.
- Parts Distribution Center - 72,000 sq. ft. Parts Distribution Center averages an over-90% parts availability rate.

- eParts - Link-Belt's online computer system links our distributors worldwide so customers can order genuine Link-Belt parts 24 hours a day, 7 days a week.
- Link-Belt Preferred - Link-Belt's customer web site provides instant access to a comprehensive library of all parts, service and operator manuals plus other technical and sales information.

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Preferred

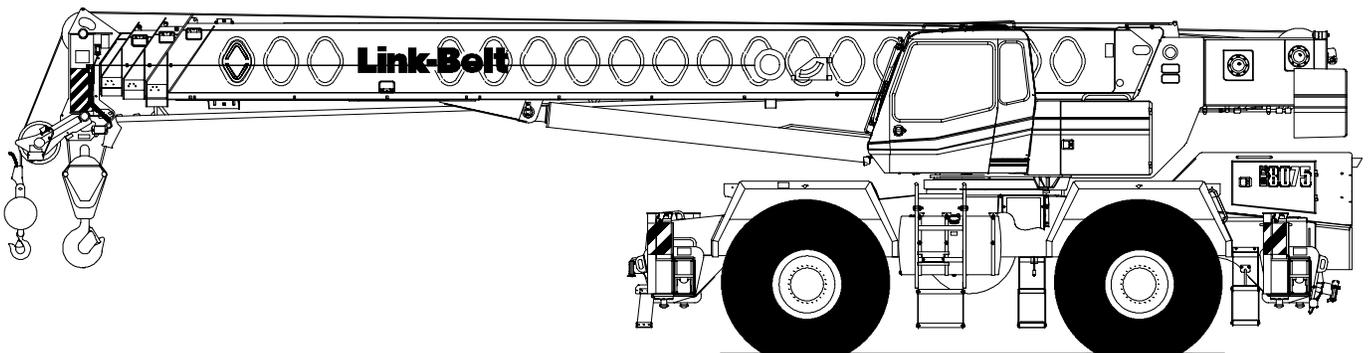
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Litho in U.S.A. 12/04 #4289

Technical Data

Specifications & Capacities

RTC 8075

Telescopic Boom Rough Terrain Crane
75 ton (68.0 metric ton)



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

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Boom, Attachments, and Upper Structure

■ Boom

Design – Four section, box type construction of high tensile steel consisting of one base section and three telescoping sections. The vertical side plates have diamond shaped steel impressions for superior strength to weight ration. The first telescoping section extends independently by means of one double-acting, single stage hydraulic cylinder with integrated holding valves. The second and third telescoping sections extend proportionally by means of one double-acting, single stage cylinder with integrated holding valves and cables.

Boom

- 41–127 ft (12.5–38.7m) four section full power boom
- Two mode boom extension: *A-max* mode provides superior capacities by extending the first telescoping section to 69.6 ft (21.2m). Standard mode synchronizes all the telescoping sections proportionally to 127 ft (38.7m). Controlled from the operator's cab.
- Mechanical boom angle indicator
- Maximum tip height for *A-max* mode is 80 ft (24.3m) and standard mode is 136 ft (41.4m).

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 78°

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
- 75 ton (68.0mt) 5 sheave quick-reeve hook block with safety latch
- 8.5 ton (7.7mt) swivel and non-swivel hook balls with safety latch

Fly – Optional

- 39 ft 6 in (12.0m) one piece lattice fly, stowable, offsettable to 2° , 20° , and 40° . Maximum tip height is 174 ft (53.0m).

- 39 ft 6 in–67 ft (12.0–20.4m) two piece bi-fold lattice fly, stowable, offsettable to 2° , 20° , and 40° . Maximum tip height is 202 ft (61.6m).

■ Operator's Cab and Controls

Environmental Cab – Fully enclosed, one person cab of galvaneal steel structure with acoustical insulation
Equipped with:

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

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

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

Left and right levers include:

- Horn button
- Turn signal switch
- Driving light switch
- Transmission direction switch

Panel mounted switches for:

- Travel park brake
- Steer mode selector
- 2/4 wheel drive/range selector
- Transmission gear selector
- Hazard flasher

Panel mounted indicator/warning lights for:

- Transmission temperature
- Engine oil pressure
- Travel park brake
- Service brake
- Turn signals
- Rear wheel offset – optional
- Emergency steer – optional

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

- Swing
- Boom hoist
- Main rear winch
- Auxiliary front winch – optional
- Drum rotation indication
- Drum rotation indicator activation switch
- Winch high/low speed and disable switch(es)
- Third wrap selector switch – optional
- Telescopic override switches
- Warning horn button
- Swing park brake

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

Right Front Console – Controls and indicators for:

- | | |
|-------------------------------------|---|
| • Engine ignition | • Console dimmer switch |
| • Engine throttle lock | • Bubble level |
| • Function disable | • 12 volt power connection |
| • Front windshield wiper and washer | • Air conditioning – optional |
| • Cab floodlights | • Boom floodlight – optional |
| • Warning horn | • Rotating beacon/Strobe light – optional |
| • Heating controls | • Third wrap indicator – optional |

Cab Instrumentation – Ergonomically positioned, analog instrumentation for crane operation including:

- Engine coolant temperature with warning indicator
- Hydraulic oil temperature with warning indicator
- Fuel level with warning indicator
- Tachometer
- Transmission temperature with warning indicator
- Voltmeter with warning indicator

Rated Capacity Limiter – Microguard graphic audio–visual warning system integrated into the dash with anti–two block and function limiter. Operating data available includes:

- Crane configuration
- Boom length and angle
- Boom head height
- Allowed load and % of allowed load
- Boom angle
- Radius of load
- Actual load
- Operator settable alarms (include):
 - Maximum and minimum boom angles
 - Maximum tip height
 - Maximum boom length
 - Swing left/right positions
 - Operator defined area (imaginary plane)

Internal RCL Light Bar – Optional – 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 2.1 rpm.

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

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

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

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

■ Electrical

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

Lights

- Two working lights on front of the cab
- One rotating amber beacon on top of the cab – optional
- One amber strobe beacon on top of the cab – optional
- Boom floodlight – 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	kg	ft/min	m/min	ft/min	m/min	ft	m	ft	m
1	16,506	7 487.0	176	53.6	352	107.3	114	34.7	114	34.7
2	15,175	6 883.4	192	58.5	383	116.7	124	37.8	238	72.5
3	14,043	6 369.9	207	63.1	414	126.2	134	40.8	372	113.4
4	13,068	5 927.6	223	68.0	445	135.6	144	43.9	516	157.3
5	12,220	5 543.0	238	72.5	476	145.1	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	18x19 rotation resistant – right regular lay (Type RB)	12,920	5 860.5
	Optional	3/4	19	36x7 rotation resistant – right regular lay (Type ZB)	15,600	7 076.2
Auxiliary (Front) Winch	Standard	3/4	19	18x19 rotation resistant – right regular lay (Type RB)	12,920	5 860.5
	Optional	3/4	19	36x7 rotation resistant – right regular lay (Type ZB)	15,600	7 076.2

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.
- Combined winch mode merges the hydraulic flow of two pumps for high–speed operation for either the main or auxiliary winch.
- Grooved lagging
- Power up/down mode of operation
- Hoist drum cable follower
- Drum rotation indicator
- Drum diameter: 16 in (40.6cm)
- Rope length:
 - Main: 670 ft (204.2m)
 - Auxiliary: 670 ft (204.2m)
- Maximum rope storage: 834 ft (254.2m)
- Terminator style socket and wedge

Third wrap indicator – optional – Visually and audibly warns the operator when the wire rope is on the bottom layer and when the wire rope is down to the last three wraps.

■ Hydraulic System

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

■ Counterweight

Standard – Total of 15,000 lb (6 803.9kg) of total counterweight consisting of one, removable 15,000 lb (6 803.9kg) counterweight with capacities for 0 lb (0kg) and 15,000 lb (6 803.9kg) counterweight configurations.

Optional – Hydraulic counterweight removal controlled from the left side of the upper structure.

Carrier

General

- 10 ft 10.5 in (3.31m) wide
- 12 ft 7 in (3.83m) 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 with Confined Area Lifting Capacities (CALC™) provide selectable outrigger extensions of full, intermediate, and retracted. Hydraulically controlled from the operator's cab with integral check valves.

Pontoons – Four lightweight, quick release, 23.50 x 27.25 in (59.69 x 69.22cm), hexagonal steel pontoons with contact area of 485 in² (3 129cm²) can be stored for road travel in storage racks on the carrier.

Main Jack Reaction – 94,800 lb (43 000.6kg) force and 196 psi (1 351.4kPa) ground bearing pressure.

Steering and Axles

Steering – Three independent modes consisting of two wheel front, 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 – Center pin mount that pivots within bronze bushings. Two hydraulic oscillation cylinders lockout when the upper structure rotates 2.5° past centerline.

Tires and Wheels

Front and Rear – Four (single) 29.5 x 25–28 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 loaded type, acting on front axle

Electrical

Three batteries provide 12 volt operation and starting

Lights

- Front lighting includes two main headlights, 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	CAT 3126B
Numbers of Cylinders	6
Cycle	4
Bore and Stroke: inch (mm)	4.33 x 5.00 (110 x 127)
Piston Displacement: in ³ (L)	442 (7.2)
Max. Brake Horsepower: hp (kW)	225 (167.8) @ 2,200 rpm
Peak Torque: ft lb (J)	646 (876) @ 1,500 rpm
Alternator: volts – amps	12 – 130
Crankcase Capacity: qt (L)	30 (28.4)
• Mechanically driven fan and thermostatically controlled radiator	

Transmission

Powershift – Three speed with high/low range for 6 forward and 6 reverse gears. Transmission oil cooler is equipped with a thermostatically controlled electric fan.

Carrier Speeds and Gradeability

Spicer		Speed		Gradeability (@ 70% Convertor efficiency)	
Gear	Ratio	mph	km/h	% Grade	
3rd	High Range	0.820	24.2	38.9	2.5
2nd		2.250	8.8	14.2	10.5
1st		4.673	4.3	6.9	24.5
3rd	Low Range	2.400	8.3	13.4	11.3
2nd		6.540	3.0	4.8	36.3
1st		13.599	1.5	2.4	107.3

Based on a gross vehicle weight of 102,000 lb (46 266.4kg).

Crane operating angle must not exceed 35° (77% grade).

Fuel Tank

One 95 gallon (359.6L) capacity tank

Hydraulic System

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

Main Pumps

- Four fixed displacement gear pumps for the main and auxiliary winches, swing, boom hoist, and telescope circuits with a manual disconnect to aid during cold weather starts.
- One gear pump for the outriggers, power steering, and telescope circuits.
- One pressure compensated piston pump is used in the control, service brake, and counterweight removal circuits.
- Combined pump capacity of 167.3 gpm (633.3Lpm).

Hydraulic Reservoir – 160 gal (605.7L) capacity equipped with sight level gauge. Diffusers built in for deaeration.

Filtration – One 10 micron, full flow, line filter in the control circuit. All oil is filtered prior to return to sump tank. Accessible for easy filter replacement.

Pump Drive

All pumps are mechanically driven by the diesel engine. Main and auxiliary winches, swing, boom hoist, and telescope pumps are mounted to a mechanical pump disconnect on the transmission torque convertor to aid in cold weather starting.

Axle Loads

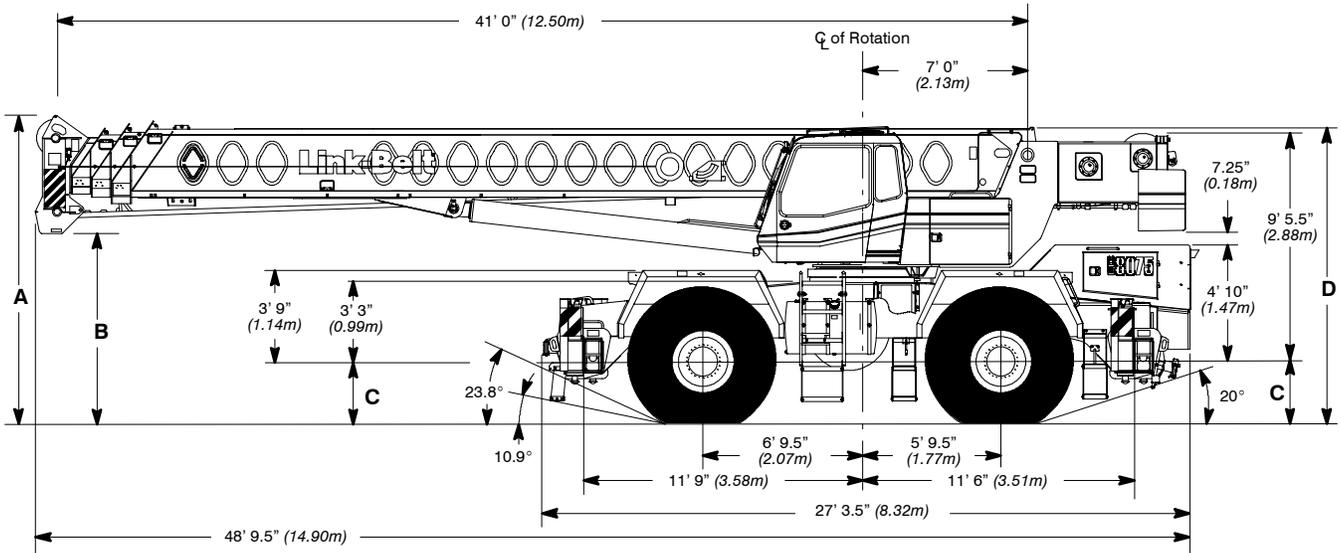
Base crane with full tank of fuel and 15,000 lb (6 803.9kg) counterweight	Gross Vehicle Weight ⁽¹⁾		Upper Facing Front				Upper Facing Rear			
			Front Axles		Rear Axles		Front Axles		Rear Axles	
	lb	kg	lb	kg	lb	kg	lb	kg	lb	kg
	94,449	42 841	44,068	19 989	50,381	22 852	40,232	18 249	54,217	24 592
Remove 29.5 x 25 tires and wheels	-6,732	-3 054	-3,366	-1 527	-3,366	-1 527	-3,366	-1 527	-3,366	-1 527
29.5R25 XHA tires	964	438	482	219	482	219	482	219	482	219
Remove outrigger beams	-5,235	-2 374	-2,461	-1 116	-2,774	-1 258	-2,461	-1 116	-2,774	-1 258
Jack cylinder beam covers	154	70	72	33	82	27	72	33	82	37
Tow winch	686	311	1,002	454	-316	-143	1,002	454	-316	-143
Remove 100 gal (378.5L) fuel	-685	-310	-364	-165	-321	-145	-364	-165	-321	-145
2M auxiliary winch with 670 ft (204m) of 3/4 in (19mm) wire rope	823	373	-219	-99	1,043	473	977	443	-154	-70
Remove front carrier counterweights	-1,000	-454	-1,306	-592	306	139	-1,306	-592	306	139
Hydraulic counterweight removal	353	160	163	74	190	86	518	235	-165	-75
Remove counterweight	-15,000	-6 804	8,223	3 734	-23,233	-10 538	-22,041	-9 998	7,041	3 194
Air conditioning	287	130	55	25	232	105	209	95	78	35
39.5 ft (12.04m) offsettable lattice fly – stowed	1,602	727	2,780	1 261	-1,178	-534	-1,305	-592	2,907	1 319
39.5–67 ft (12.04–20.42m) offsettable lattice fly – stowed	2,380	1 080	3,649	1 655	-1,269	-576	-1,458	-661	3,838	1 741
Fly storage brackets with all fly options	160	73	268	122	-108	-49	-120	-54	280	127
Auxiliary lifting sheave assembly	110	50	361	164	-251	-114	-260	-118	370	168
8.5 ton (7.7mt) hook ball at front bumper	360	163	566	256	-206	-93	---	---	---	---
70 ton (63.5mt) 5–sheave hook block at front bumper	1,390	631	2,186	992	-796	-361	---	---	---	---
60 ton (54.4mt) 4–sheave hook block at front bumper	1,150	522	1,809	821	-659	-299	---	---	---	---

Tire	Maximum Load @ 20 mph (32.2km/h)
29.5 x 25 (28–PR)	53,000 lb (24 041kg)
29.5R25 XHA 1 Star	53,000 lb (24 041kg)

⁽¹⁾ Adjust gross vehicle weight and axle loading according to component weight.

Note: All weights are $\pm 3\%$.

General Dimensions

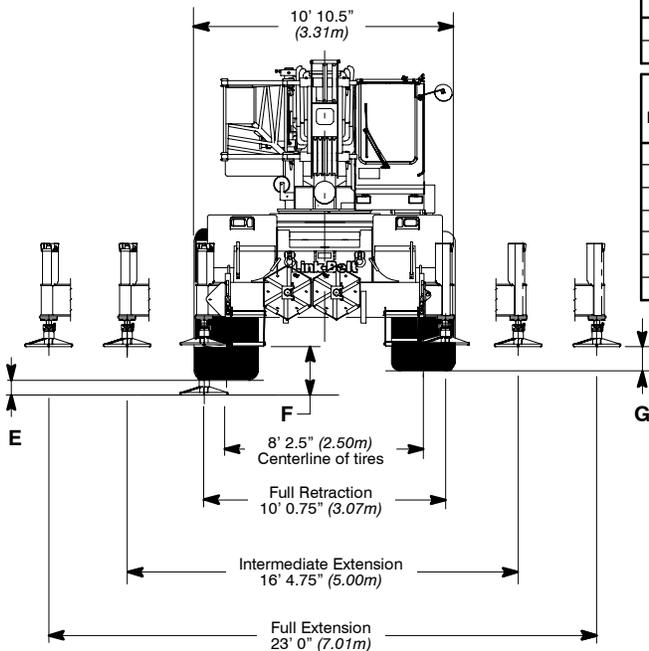


Turning Radius – Front Wheel (4x2) Steering		English	Metric
Wall to wall over carrier		49' 10"	15.2m
Wall to wall over boom		58' 3"	17.7m
Wall to wall over boom attachment		60' 2"	18.3m
Curb to curb		48' 3"	14.7m
Centerline of tire		46' 10"	14.3m

Turning Radius – All Wheel (4x4) Steering		English	Metric
Wall to wall over carrier		27' 5"	8.4m
Wall to wall over boom		39' 6"	12.1m
Wall to wall over boom attachment		41' 0"	12.5m
Curb to curb		25' 4"	7.7m
Centerline of tire		23' 10"	7.3m

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

General Dimensions	Tire Size			
	29.5 x 25		29.5R25	
	English	Metric	English	Metric
A	12' 10.75"	3.93m	12' 11.75"	3.97m
B	7' 11.5"	2.42m	8' 0.5"	2.44m
C	2' 8"	0.81m	2' 9"	0.84m
D	12' 5"	3.78m	12' 6"	3.81m
E	8.25"	0.21m	7' 0"	0.18m
F	25.25"	0.64m	25.25"	0.64m
G	11.25"	0.29m	12.25"	0.31m

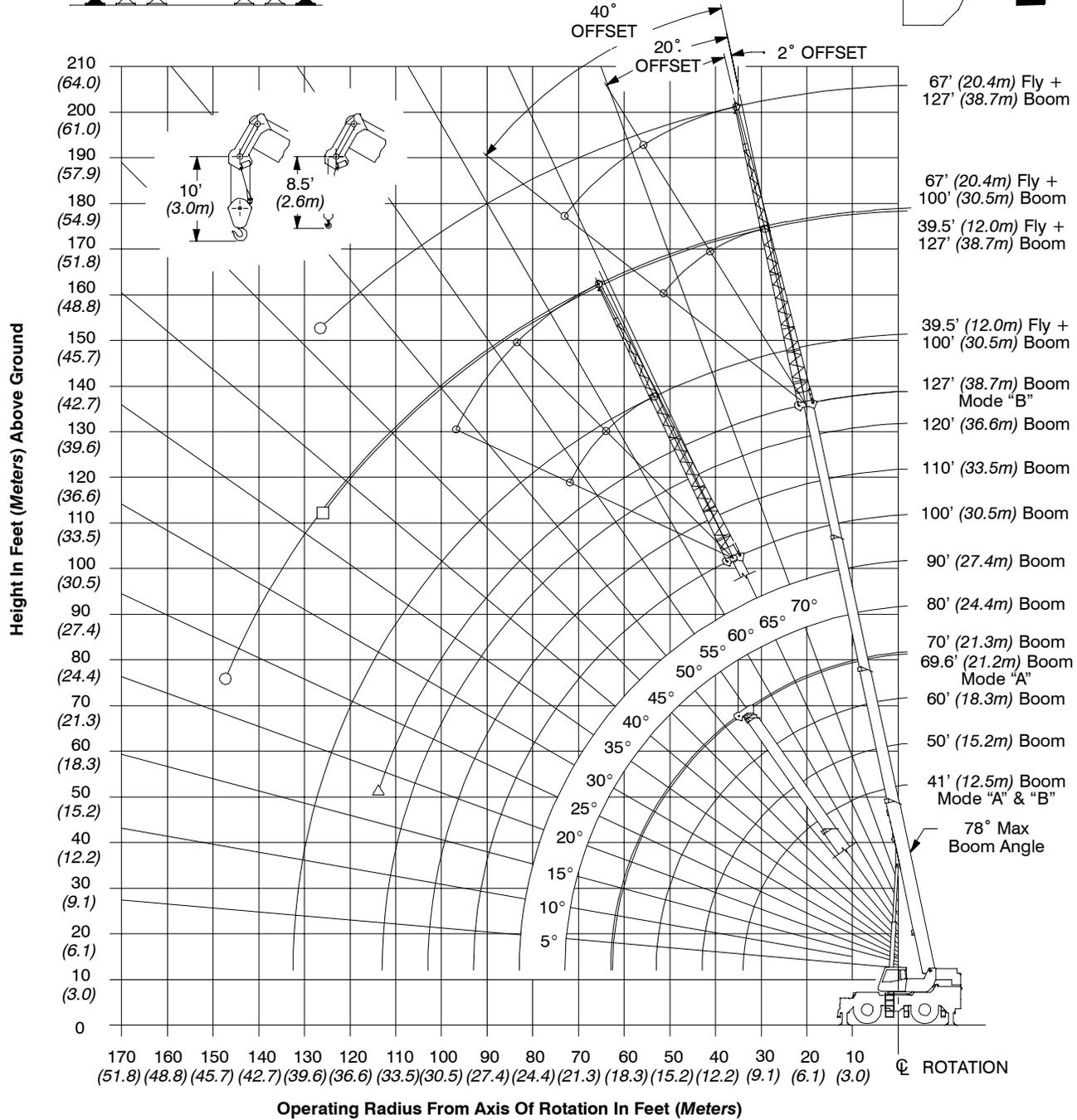
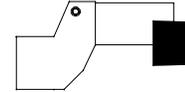


Not To Scale

Working Range Diagram

Working Range Diagram
On Fully Extended Outriggers

15,000 lb (6 804kg)
Counterweight

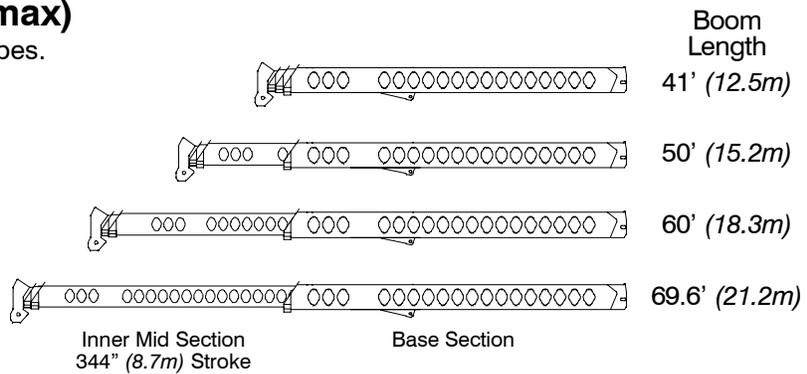


- Denotes Main Boom + 67' (20.4m) Fly – Boom Mode "B"
- Denotes Main Boom + 39.5' (12.0m) Fly – Boom Mode "B"
- △ Denotes Main Boom – Boom Mode "B"

Boom Extend Modes

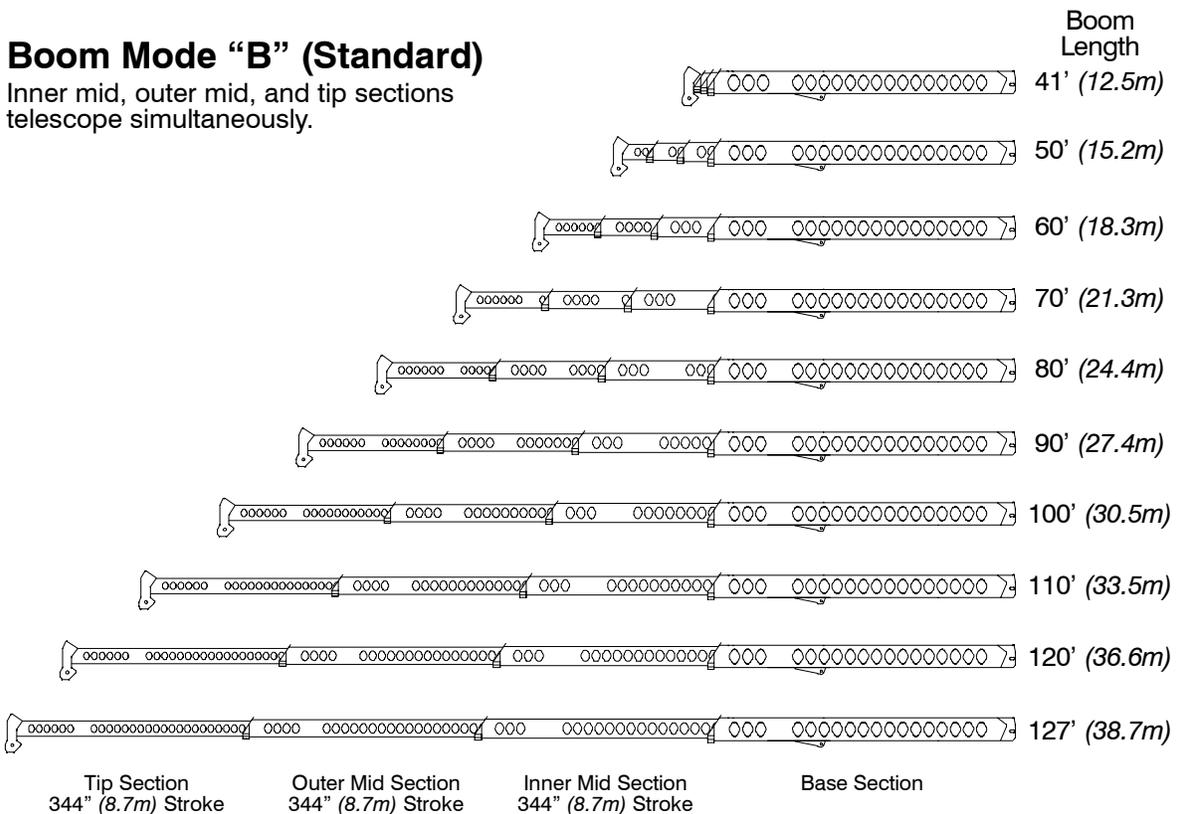
Boom Mode “A” (A-max)

Only inner mid section telescopes.



Boom Mode “B” (Standard)

Inner mid, outer mid, and tip sections telescope simultaneously.



Main Boom Lift Capacity Charts – Standard

15,000 lb Counterweight – Fully Extended Outriggers – 360° Rotation (All Capacities Are Listed In Pounds)											
Radius (ft)	Boom Length (ft)										Radius (ft)
	41	50	60	69.6/70	80	90	100	110	120	127	
8	150,000*										8
9	140,000*										9
10	128,600	75,100	74,000								10
12	116,500	75,100	74,000								12
15	100,100	75,100	74,000	43,900**	38,000						15
20	74,700	74,100	73,600	43,900**	38,000	38,000	37,400				20
25	57,600	57,000	56,600	43,900**	38,000	38,000	32,700	29,400	23,300	19,600	25
30	45,900	45,500	45,100	43,900**	38,000	37,900	29,000	26,200	23,300	19,600	30
35		36,800	37,300	38,000	37,900	33,900	26,000	23,500	21,500	19,600	35
40		28,700	29,200	37,700	29,700	29,900	23,400	21,200	19,400	18,400	40
45			23,600	29,500	24,100	24,300	21,200	19,200	17,600	16,400	45
50			19,300	23,900	19,900	20,000	19,300	17,400	15,800	14,900	50
55				19,700	16,600	16,800	16,900	15,800	14,400	13,600	55
60				16,400	14,000	14,200	14,300	14,400	13,200	12,500	60
65				13,800	12,000	12,100	12,300	12,400	12,200	11,500	65
70					10,200	10,400	10,500	10,600	10,700	10,600	70
75						8,900	9,000	9,100	9,200	9,200	75
80						7,600	7,800	7,900	7,900	8,000	80
85							6,700	6,800	6,800	6,900	85
90							5,700	5,800	5,900	5,900	90
95								5,000	5,100	5,100	95
100								4,200	4,300	4,400	100
105									3,600	3,700	105
110									3,000	3,100	110
115										2,600	115

* Special Conditions Or Wire Rope Required
** 69.6 A – max 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.

Fully Extended Outriggers - Main Boom Capacities

Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.

Load Radius (Ft.)	FULL 15,000# MAIN BOOM "A"						Load Radius (Ft.)
	41 Ft.			50 Ft.			
	∠ °	360°	Over Front	∠ °	360°	Over Front	
9	70.5	140,000	140,000	73.0	75,100	75,100	9
10	69.0	128,600	128,600	70.5	75,100	75,100	10
12	66.0	118,500	118,900	67.0	75,100	75,100	12
15	61.0	100,100	101,800	60.5	74,100	74,100	15
20	52.5	74,700	74,700	53.5	57,000	57,000	20
25	42.5	57,600	57,600	45.5	45,500	45,500	25
30	29.0	45,900	45,900	36.0	35,200	37,200	30
35				23.0	27,200	29,300	35
40							40
Min. Boom Angle/Cap.	0 (34.0)	21,100	21,100	0 (43.0)	15,900	15,900	Min. Boom Angle/Cap.

Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.

Load Radius (Ft.)	FULL 15,000# MAIN BOOM "B"						Load Radius (Ft.)
	41 Ft.			50 Ft.			
	∠ °	360°	Over Front	∠ °	360°	Over Front	
9	70.5	140,000	140,000	73.0	38,000	38,000	9
10	69.0	128,600	128,600	70.5	38,000	38,000	10
12	66.0	118,500	118,900	67.0	38,000	38,000	12
15	61.0	100,100	101,800	60.5	38,000	38,000	15
20	52.5	74,700	74,700	53.0	38,000	38,000	20
25	42.5	57,600	57,600	45.5	38,000	38,000	25
30	29.0	45,900	45,900	36.0	36,800	38,000	30
35				23.0	28,700	30,800	35
40							40
Min. Boom Angle/Cap.	0 (34.0)	21,100	21,100	0 (43.0)	14,900	14,900	Min. Boom Angle/Cap.

Load Radius (Ft.)	60 Ft.			69.6 Ft.			Load Radius (Ft.)
	∠ °	360°	Over Front	∠ °	360°	Over Front	
	10	76.5	74,000	74,000	76.5	43,900	
12	74.5	74,000	74,000	74.5	43,900	43,900	12
15	71.5	74,000	74,000	70.0	43,900	43,900	15
20	66.0	73,600	73,600	65.5	43,900	43,900	20
25	60.5	56,600	56,600	61.0	37,900	37,900	25
30	55.0	45,100	45,100	50.5	26,200	28,300	30
35	48.5	34,600	38,900	44.5	20,700	22,500	35
40	41.0	26,600	28,800	37.5	16,600	18,100	40
45	32.5	21,100	22,900	29.5	13,500	14,800	45
50	21.0	16,900	18,500	18.5	10,900	12,100	50
55							55
60							60
Min. Boom Angle/Cap.	0 (53.0)	10,800	10,800	0 (62.6)	7,300	7,300	Min. Boom Angle/Cap.

Load Radius (Ft.)	60 Ft.			70 Ft.			Load Radius (Ft.)
	∠ °	360°	Over Front	∠ °	360°	Over Front	
	10	76.0	38,000	38,000	76.5	38,000	
12	74.0	38,000	38,000	74.5	38,000	38,000	12
15	71.0	38,000	38,000	70.0	38,000	38,000	15
20	66.0	38,000	38,000	65.5	38,000	38,000	20
25	60.5	38,000	38,000	61.0	38,000	38,000	25
30	54.5	38,000	38,000	55.5	37,700	38,000	30
35	48.5	37,300	38,000	50.5	29,500	31,700	35
40	41.0	29,200	31,400	44.5	23,900	25,600	40
45	32.5	23,600	25,400	38.0	19,700	21,200	45
50	21.0	19,300	20,800	30.0	16,400	17,700	50
55				19.5	13,800	15,000	55
60							60
Min. Boom Angle/Cap.	0 (53.0)	10,500	10,500	0 (63.0)	7,600	7,600	Min. Boom Angle/Cap.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.

Load Radius (Ft.)	80 Ft.			90 Ft.			100 Ft.			Load Radius (Ft.)
	∠ °	360°	Over Front	∠ °	360°	Over Front	∠ °	360°	Over Front	
	15	76.5	38,000	38,000	75.0	38,000	38,000	77.0	37,400	
20	73.0	38,000	38,000	72.0	38,000	38,000	74.0	32,700	32,700	20
25	69.5	38,000	38,000	68.5	37,900	37,900	71.0	29,000	29,000	25
30	65.5	38,000	38,000	65.0	33,900	33,900	68.0	26,000	26,000	30
35	61.0	37,900	38,000	61.5	29,900	30,500	65.0	23,400	23,400	35
40	56.5	29,700	31,900	57.5	24,300	26,000	61.5	21,200	21,200	40
45	52.0	24,100	25,800	53.5	20,000	21,600	58.0	19,300	19,300	45
50	47.0	19,900	21,400	49.0	16,800	18,100	54.5	16,900	17,700	50
55	41.5	16,600	18,000	44.5	14,200	15,400	50.5	14,300	15,500	55
60	35.5	14,000	15,200	39.5	12,100	13,100	46.5	12,300	13,200	60
65	28.0	12,000	13,000	33.5	10,400	11,400	42.5	10,500	11,500	65
70	18.0	10,200	11,200	26.5	8,900	9,800	37.5	9,000	9,900	70
75				17.0	7,600	8,400	32.0	7,800	8,600	75
80							25.5	6,700	7,400	80
85							16.5	5,700	6,400	85
90										90
Min. Boom Angle/Cap.	0 (73.0)	5,500	5,500	0 (83.0)	3,900	3,900	0 (93.0)	2,700	2,700	Min. Boom Angle/Cap.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.

Load Radius (Ft.)	110 Ft.			120 Ft.			127 Ft.			Load Radius (Ft.)
	∠ °	360°	Over Front	∠ °	360°	Over Front	∠ °	360°	Over Front	
	25	76.0	29,400	29,400	77.5	23,300	23,300	78.0*	19,600	
30	73.5	26,200	26,200	75.0	23,300	23,300	76.0	19,600	19,600	30
35	70.5	23,500	23,500	72.5	21,500	21,500	74.0	18,600	18,600	35
40	68.0	21,200	21,200	70.0	19,400	19,400	71.5	18,400	18,400	40
45	65.0	19,200	19,200	67.5	17,600	17,600	69.0	16,400	16,400	45
50	62.0	17,400	17,400	65.0	15,800	15,800	66.5	14,900	14,900	50
55	59.0	15,800	15,800	62.0	14,400	14,400	64.0	13,600	13,600	55
60	55.5	14,400	14,500	59.5	13,200	13,200	61.5	12,500	12,500	60
65	52.0	12,400	13,300	56.5	12,200	12,200	59.0	11,500	11,500	65
70	48.5	10,600	11,600	53.5	10,700	11,200	56.0	10,600	10,600	70
75	44.5	9,100	10,000	50.0	9,200	10,100	53.0	9,200	9,700	75
80	40.5	7,900	8,700	46.5	7,900	8,800	50.0	8,000	8,800	80
85	36.0	6,800	7,500	43.0	6,800	7,600	47.0	6,900	7,600	85
90	31.0	5,800	6,500	39.0	5,900	6,600	43.5	5,900	6,600	90
95	24.5	5,000	5,600	34.5	5,100	5,700	39.5	5,100	5,800	95
100	16.0	4,200	4,800	29.5	4,300	4,900	35.5	4,400	5,000	100
105				24.0	3,600	4,200	31.0	3,700	4,300	105
110				15.5	3,000	3,600	25.5	3,100	3,700	110
115							19.0	2,600	3,100	115
Min. Boom Angle/Cap.	0 (103.0)	1,700	1,700	0 (113.0)	900	900	18.0 (115.4)			Min. Boom Angle/Cap.

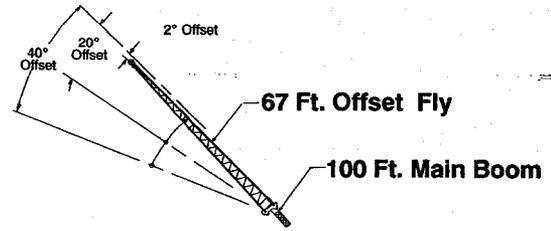
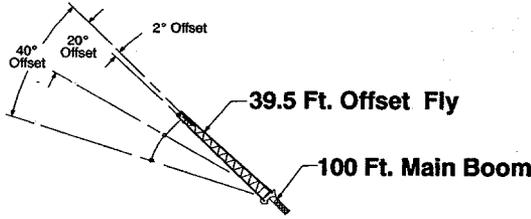
Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

* This capacity based on maximum obtainable boom angle.

Fully Extended Outriggers - Fly Capacities - Boom Mode "B"

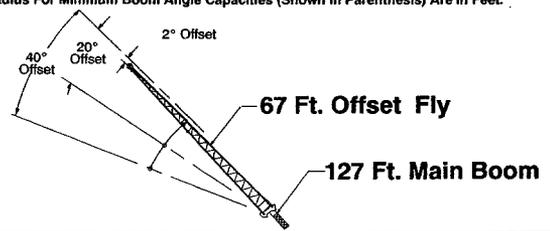
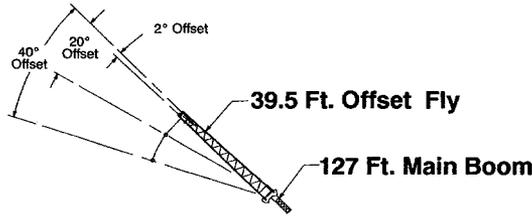


Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.							
FULL 15,000#							
Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	∠	360°	∠	360°	∠	360°	
30	77.0	13,900					30
35	75.0	13,400					35
40	73.0	12,800					40
45	71.0	12,200	76.0	8,400			45
50	69.0	11,700	74.0	8,900			50
55	67.0	11,100	71.5	8,500	76.0	6,600	55
60	64.5	10,600	69.5	8,100	73.5	6,400	60
65	62.5	10,100	67.0	7,800	71.0	6,300	65
70	60.0	9,700	64.5	7,400	68.5	6,100	70
75	57.5	9,200	62.0	7,200	66.0	6,000	75
80	55.0	8,700	59.5	6,900	63.5	5,800	80
85	52.5	8,300	57.0	6,600	60.5	5,700	85
90	49.5	7,300	54.0	6,400	57.5	5,600	90
95	46.5	6,500	51.5	6,200	54.5	5,500	95
100	43.0	5,700	48.0	6,000	51.5	5,500	100
105	39.5	5,000	45.0	5,500	47.5	5,400	105
110	36.0	4,400	41.0	4,800	43.5	5,100	110
115	32.0	3,900	36.5	4,200	38.5	4,400	115
120	27.5	3,400	32.9	3,700			120
125	22.0	2,900	26.0	3,100			125
130	14.0	2,500					130
Min. Boom Angle/Cap.	0	600	0	600	0	700	Min. Boom Angle/Cap.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.



Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.							
FULL 15,000#							
Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	∠	360°	∠	360°	∠	360°	
35	78.0*	8,300					35
40	76.5	8,300					40
45	75.0	8,300					45
50	73.5	8,300					50
55	71.5	8,300	78.0*	8,200			55
60	70.0	8,300	76.0	8,000			60
65	68.5	8,300	74.5	7,800			65
70	67.0	8,300	72.5	7,600	76.0	6,200	70
75	65.0	7,800	71.0	7,400	74.5	6,100	75
80	63.0	7,100	69.0	7,200	72.5	6,000	80
85	60.5	6,600	67.0	7,000	70.5	5,800	85
90	58.5	6,000	65.5	6,800	68.5	5,700	90
95	56.5	5,600	63.0	6,300	66.5	5,700	95
100	54.5	5,100	61.0	5,800	64.0	5,600	100
105	52.0	4,700	58.5	5,300	62.0	5,500	105
110	49.5	4,100	56.5	4,900	59.5	5,100	110
115	47.0	3,500	54.0	4,500	57.0	4,700	115
120	44.0	3,000	51.0	4,000	54.0	4,300	120
125	41.5	2,600	48.5	3,500	51.0	3,800	125
130	38.5	2,100	45.5	3,000	48.0	3,200	130
135			42.5	2,500	44.5	2,700	135
			39.0	2,100	40.5	2,200	135

WARNING

Do Not Lower 39.5 Ft. Offset Fly In Working Position Below 37.0 Degrees Main Boom Angle Unless Main Boom Length Is 104 Ft. Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

* This capacity based on maximum obtainable boom angle.

Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.							
FULL 15,000#							
Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	∠	360°	∠	360°	∠	360°	
40	77.0	5,300					40
45	75.5	7,900					45
50	73.5	7,500					50
55	72.0	7,100					55
60	70.0	6,800	77.0	4,700			60
65	68.5	6,200	75.5	4,500			65
70	66.5	5,800	73.5	4,200			70
75	64.5	5,500	71.5	4,000			75
80	62.5	5,200	69.5	3,900	76.0	3,000	80
85	60.5	4,900	67.5	3,700	74.0	3,000	85
90	58.5	4,600	65.5	3,500	72.0	2,900	90
95	56.5	4,400	63.5	3,400	69.5	2,800	95
100	54.5	4,200	61.5	3,300	67.5	2,700	100
105	52.0	3,900	59.0	3,200	65.0	2,700	105
110	50.0	3,800	57.0	3,100	62.5	2,600	110
115	47.5	3,600	54.5	3,000	60.0	2,600	115
120	45.0	3,400	52.0	2,900	57.0	2,500	120
125	42.5	3,300	49.0	2,800	54.0	2,500	125
130	39.5	3,100	46.5	2,700	50.5	2,500	130
135	36.5	2,800	43.0	2,600	47.0	2,500	135
140	33.0	2,400	39.5	2,600	42.5	2,500	140
145	29.0	2,100	35.5	2,500			145
150	24.5	1,800	30.5	2,100			150
155			24.0	1,700			155

WARNING

Do Not Lower 67 Ft. Offset Fly In Working Position Below 22.5 Degrees Main Boom Angle Unless Main Boom Length Is 94 Ft. Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

Rated Lifting Capacities In Pounds Fully Extended Outriggers See Set Up Note 2.							
FULL 15,000#							
Load Radius (Ft.)	2° Offset		20° Offset		40° Offset		Load Radius (Ft.)
	∠	360°	∠	360°	∠	360°	
50	76.5	5,500					50
55	75.5	5,500					55
60	74.0	5,500					60
65	73.0	5,500					65
70	71.5	5,500					70
75	70.0	5,300	77.5	4,200			75
80	68.5	5,100	76.0	4,000			80
85	67.0	4,900	74.5	3,900			85
90	65.5	4,800	73.0	3,800			90
95	64.0	4,600	71.5	3,800	77.0	2,900	95
100	62.0	4,300	70.0	3,500	75.0	2,900	100
105	60.5	3,900	68.0	3,400	73.5	2,800	105
110	58.5	3,600	66.5	3,300	71.5	2,700	110
115	56.5	3,200	64.5	3,200	70.0	2,600	115
120	54.5	2,900	63.0	3,100	68.0	2,600	120
125	52.5	2,700	61.0	3,000	66.0	2,600	125
130	50.5	2,400	59.0	2,900	64.0	2,500	130
135	48.5	2,200	57.0	2,600	61.5	2,500	135
140			54.5	2,300	59.5	2,500	140
145			52.5	2,100	57.0	2,300	145
150			50.0	1,900	54.5	2,000	150
155			47.5	1,700	51.5	1,800	155

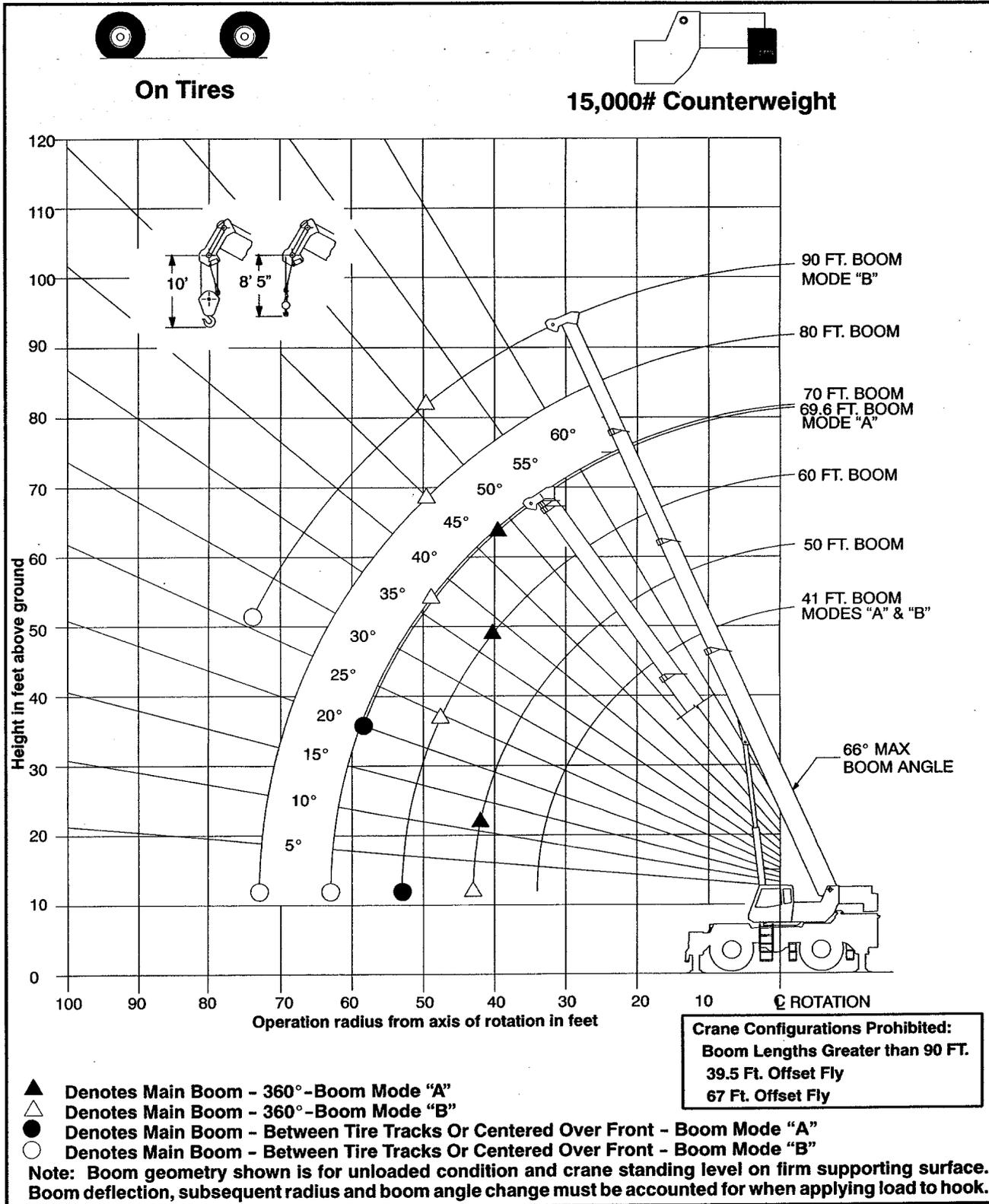
WARNING

Do Not Lower 67 Ft. Offset Fly In Working Position Below 46.5 Degrees Main Boom Angle Unless Main Boom Length Is 94 Ft. Or Less, Since Loss Of Stability Will Occur Causing A Tipping Condition.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

WORKING RANGE DIAGRAM

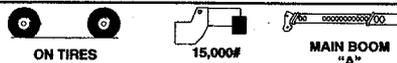


WARNING

Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability Or Raise Boom Above 66° As Shown In The Lift Chart For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

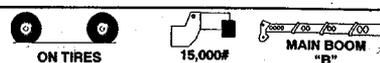
On Tires (29.5 x 25 - 28 Ply) - Main Boom Capacities (15,000 lb. Counterweight)

On Tire Capacities In Pounds
Tire Pressure: See Page 5
Stationary Capacities
Over Front Between Tire Tracks
See Operation Note 20.



Load Radius (Ft.)	41 Ft.		50 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	
15	61.0	54,900			15
20	52.5	42,500	60.5	42,000	20
25	42.0	29,200	53.0	28,600	25
30	29.0	20,800	45.0	20,500	30
35			36.0	15,100	35
40			23.0	11,400	40
Min. Boom Angle/Cap.	0 (34.0)	16,200	0 (43.0)	9,500	Min. Boom Angle/Cap.

On Tire Capacities In Pounds
Tire Pressure: See Page 5
Stationary Capacities
Over Front Between Tire Tracks
See Operation Note 20.



Load Radius (Ft.)	41 Ft.		50 Ft.		60 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	∠°	Load	
15	61.0	54,900					15
20	52.5	42,500	60.0	38,000			20
25	42.0	29,200	53.0	29,900	60.5	30,300	25
30	29.0	20,800	45.0	21,700	54.5	22,100	30
35			36.0	16,300	48.0	16,800	35
40			23.0	12,500	41.0	13,000	40
45					32.5	10,200	45
50					20.5	8,100	50
Min. Boom Angle/Cap.	0 (34.0)	16,200	0 (43.0)	10,600	0 (53.0)	6,900	Min. Boom Angle/Cap.

Load Radius (Ft.)	60 Ft.		69.6 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	
25	60.5	28,000	65.0	27,600	25
30	54.5	20,000	60.5	19,600	30
35	48.0	14,800	55.5	14,500	35
40	41.0	11,100	50.0	10,900	40
45	32.5	8,400	44.0	8,200	45
50	21.0	6,200	37.5	6,100	50
55			29.5	4,400	55
Min. Boom Angle/Cap.	0 (53.0)	5,100	20.0 (59.2)		Min. Boom Angle/Cap.

Load Radius (Ft.)	70 Ft.		80 Ft.		90 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	∠°	Load	
25	65.0	30,600					25
30	60.5	22,400	64.5	22,600			30
35	55.5	17,100	60.5	17,300	64.5	17,400	35
40	50.0	13,400	56.0	13,500	60.5	13,600	40
45	44.5	10,600	51.5	10,900	57.0	11,000	45
50	37.5	8,400	46.5	8,700	53.0	8,900	50
55	30.0	6,700	41.5	7,000	48.5	7,200	55
60	19.0	5,300	35.0	5,600	44.0	5,800	60
65			28.0	4,400	39.0	4,600	65
70			18.0	3,400	33.0	3,600	70
Min. Boom Angle/Cap.	0 (63.0)	4,500	0 (73.0)	2,900	26.0 (75.3)		Min. Boom Angle/Cap.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

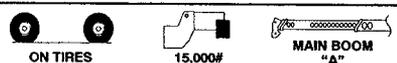
() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

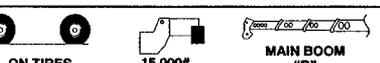
() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

On Tire Capacities In Pounds
Tire Pressure: See Page 5
Pick & Carry Capacities
(1mph) Boom Centered Over Front
See Operation Note 20.



Load Radius (Ft.)	41 Ft.		50 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	
15	61.0	51,400			15
20	52.5	39,100	60.0	38,700	20
25	42.0	29,200	53.0	28,600	25
30	29.0	20,800	45.0	20,500	30
35			36.0	15,100	35
40			23.0	11,300	40
Min. Boom Angle/Cap.	0 (34.0)	16,200	0 (43.0)	9,500	Min. Boom Angle/Cap.

On Tire Capacities In Pounds
Tire Pressure: See Page 5
Pick & Carry Capacities
(1mph) Boom Centered Over Front
See Operation Note 20.



Load Radius (Ft.)	41 Ft.		50 Ft.		60 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	∠°	Load	
15	61.0	51,400					15
20	52.5	39,100	60.0	38,000			20
25	42.0	29,200	53.0	29,900	60.5	30,300	25
30	29.0	20,800	45.0	21,700	54.5	22,100	30
35			36.0	16,300	48.0	16,800	35
40			23.0	12,500	41.0	13,000	40
45					32.5	10,200	45
50					20.5	8,100	50
Min. Boom Angle/Cap.	0 (34.0)	16,200	0 (43.0)	10,600	0 (53.0)	6,900	Min. Boom Angle/Cap.

Load Radius (Ft.)	60 Ft.		69.6 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	
25	60.5	28,000	65.0	27,500	25
30	54.5	20,000	60.5	19,600	30
35	48.0	14,800	55.5	14,400	35
40	41.0	11,100	50.0	10,900	40
45	32.5	8,300	44.0	8,200	45
50	21.0	6,200	37.5	6,000	50
55			29.5	4,400	55
Min. Boom Angle/Cap.	0 (53.0)	5,100	20.0 (59.2)		Min. Boom Angle/Cap.

Load Radius (Ft.)	70 Ft.		80 Ft.		90 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	∠°	Load	
25	65.0	30,600					25
30	60.5	22,400	64.5	22,600			30
35	55.5	17,100	60.5	17,300	64.5	17,400	35
40	50.0	13,400	56.0	13,500	60.5	13,600	40
45	44.5	10,600	51.5	10,900	57.0	11,000	45
50	37.5	8,400	46.5	8,700	53.0	8,900	50
55	30.0	6,700	41.5	7,000	48.5	7,200	55
60	19.0	5,300	35.0	5,600	44.0	5,800	60
65			28.0	4,400	39.0	4,600	65
70			18.0	3,400	33.0	3,600	70
Min. Boom Angle/Cap.	0 (63.0)	4,500	0 (73.0)	2,900	26.0 (75.3)		Min. Boom Angle/Cap.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

On Tires (29.5 x 25 - 28 Ply) - Main Boom Capacities (15,000 lb. Counterweight)

On Tire Capacities In Pounds
 Tire Pressure: See Page 5
 Stationary Capacities-360 Degrees
 See Operation Note 20.

360° ON TIRES 15,000# MAIN BOOM "A"

Load Radius (Ft.)	41 Ft.		50 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	
15	61.0	33,500			15
20	52.5	20,500	60.0	20,000	20
25	42.0	13,500	53.0	13,100	25
30	29.0	9,100	45.0	8,800	30
35			35.5	5,800	35
40			23.0	3,700	40
Min. Boom Angle/Cap.	0 (34.0)	6,500	11.5 (42.5)		Min. Boom Angle/Cap.

WARNING
 Do Not Raise The Boom Above 66 Degrees. Loss Of Backward Stability Will Occur Causing A Tipping Condition.

Load Radius (Ft.)	60 Ft.		69.6 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	
25	60.0	12,800	65.0	12,500	25
30	54.5	8,500	60.0	8,300	30
35	48.0	5,600	55.0	5,400	35
40	41.0	3,500	49.5	3,300	40
Min. Boom Angle/Cap.	38.0 (41.7)		48.0 (41.3)		Min. Boom Angle/Cap.

WARNING
 Do Not Raise The Boom Above 66 Degrees. Loss Of Backward Stability Will Occur Causing A Tipping Condition.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

On Tire Capacities In Pounds
 Tire Pressure: See Page 5
 Stationary Capacities-360 Degrees
 See Operation Note 20.

360° ON TIRES 15,000# MAIN BOOM "B"

Load Radius (Ft.)	41 Ft.		50 Ft.		60 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	∠°	Load	
15	61.0	33,500	66.5	34,100			15
20	52.5	20,500	60.0	21,300			20
25	42.0	13,500	53.0	14,200		14,700	25
30	29.0	9,100	45.0	9,900	60.0	10,400	30
35			35.5	6,900	48.0	7,400	35
40			23.0	4,700	41.0	5,200	40
45					32.5	3,600	45
50							50
Min. Boom Angle/Cap.	0 (34.0)	6,500	0 (43.0)	3,600	24.5 (48.6)		Min. Boom Angle/Cap.

WARNING
 Do Not Raise The Boom Above 66 Degrees. Loss Of Backward Stability Will Occur Causing A Tipping Condition.

Load Radius (Ft.)	70 Ft.		80 Ft.		90 Ft.		Load Radius (Ft.)
	∠°	Load	∠°	Load	∠°	Load	
25	65.0	15,000					25
30	60.0	10,800	64.5	10,900			30
35	55.5	7,800	60.5	8,000	64.0	8,100	35
40	50.0	5,600	56.0	5,800	60.5	6,000	40
45	44.0	3,900	51.5	4,200	58.5	4,300	45
50			46.5	2,900	52.5	3,000	50
Min. Boom Angle/Cap.	37.0 (50.3)		45.0 (51.3)		51.0 (52.1)		Min. Boom Angle/Cap.

WARNING
 Do Not Raise The Boom Above 66 Degrees. Loss Of Backward Stability Will Occur Causing A Tipping Condition.

Note: Refer To Page 5 For "Capacity Deductions For Auxiliary Load Handling Equipment".

∠ Loaded Boom Angle In Degrees.

() Reference Radius For Minimum Boom Angle Capacities (Shown In Parenthesis) Are In Feet.

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