

HC-238H II

HYLAB Series Lattice Boom Truck Crane 150-ton (136.08 mt)

- 150 tons (136.08 mt) at an 10' radius
- 50' to 260' (15.24 - 79.25 m) of tube boom
- 230' + 75' (70.10 + 22.86) boom plus jib combination
- 308' (93.88) maximum tip height
- 270' (82.30 m) maximum 360° working radius
- New luffer design: 27-ton (24.5 mt) capacity, 347' (105.77 m) maximum luffing boom tip height and 240' (73.15 m) maximum 360° working radius
- 35,913 lb (16 290 kg) maximum winch line pull
- 557 fpm (169.77 m/min) maximum winch line speed

HC-248H

HYLAB Series Lattice Boom Truck Crane 200-ton (181.5 mt)

- 200 tons (181.5 mt) at a 10' radius
- 50' to 280' (15.24 - 85.34 m) of tube boom
- 240' + 100' (73.15 + 30.48 m) boom plus jib combination
- 343' (104.54 m) maximum tip height
- 270' (82.30 m) maximum 360° working radius
- 42.5-ton (38.5 mt) capacity luffer - 375' (114.30 m) maximum luffing boom tip height and 231' (70.41 m) maximum 360° working radius
- 48,620 lb (22 054 kg) maximum winch line pull
- 595 fpm (181.36 m/min) maximum winch line speed

Link-Belt
CONSTRUCTION EQUIPMENT



HC-238H II

HYLAB Lattice Boom Truck Crane
150-ton (136.08 mt)

HC-248H

HYLAB Lattice Boom Truck Crane
200-ton (181.5 mt)

- Bullet-proof HYLAB hydraulic system
- Outstanding features and lift capacity performance
- Industry's best carriers, PLUS
 - Pick & carry performance
 - Ability to walk with full counterweight and luffer attachment
 - Optimum transportability — fast outrigger box removal

Link-Belt
CONSTRUCTION EQUIPMENT

Direct drive allows for simultaneous operation of outriggers and steering system for pick & carry operations



Outstanding carrier features with solid, reliable performance

- **Carrier frame** — new, improved design provides solid lifting platform for luffer applications
- Comfortable **carrier cab** provides high visibility
- 430 hp (320 kw/h) Detroit Diesel Series 60 engine (lower)
- **Eaton RTO 14908LL transmission**
- **Jake brake** provides more braking power
- **Separate steering pump** allows operator to simultaneously drive and operate outriggers, providing smooth "floating" of outriggers.
- **Four Series 31 batteries** are durable and designed for cold weather use.
- Convenient **battery disconnects**
- **Easy access panels** allow full engine, battery & hydraulic filter access.
- **Fuel cooler** keeps fuel temperature constant so fuel injectors won't overheat.
- **Block heater** - standard



Partial counterweight charts available

No need to remove bumper counterweight for job site travel, unlike competitors.

Smooth highway travel with superior pick-and-carry capacities

- **Front air-ride suspension** (standard) provides a smooth ride for precise handling. For "pick-and-carry" operations, the air bags are deflated with a flick of a switch, allowing the suspension to rest solid.
- **Rack and pinion Sheppard steering system** is more responsive and has less play in the wheel.
- **Tubeless 25" on/off highway tires** are inherently balanced, giving you a smoother ride.
- **Spun disc rims** are truer with a tighter tolerance and greater capacities.
- **Interaxle differential** is permanently locked to allow for maximum traction.



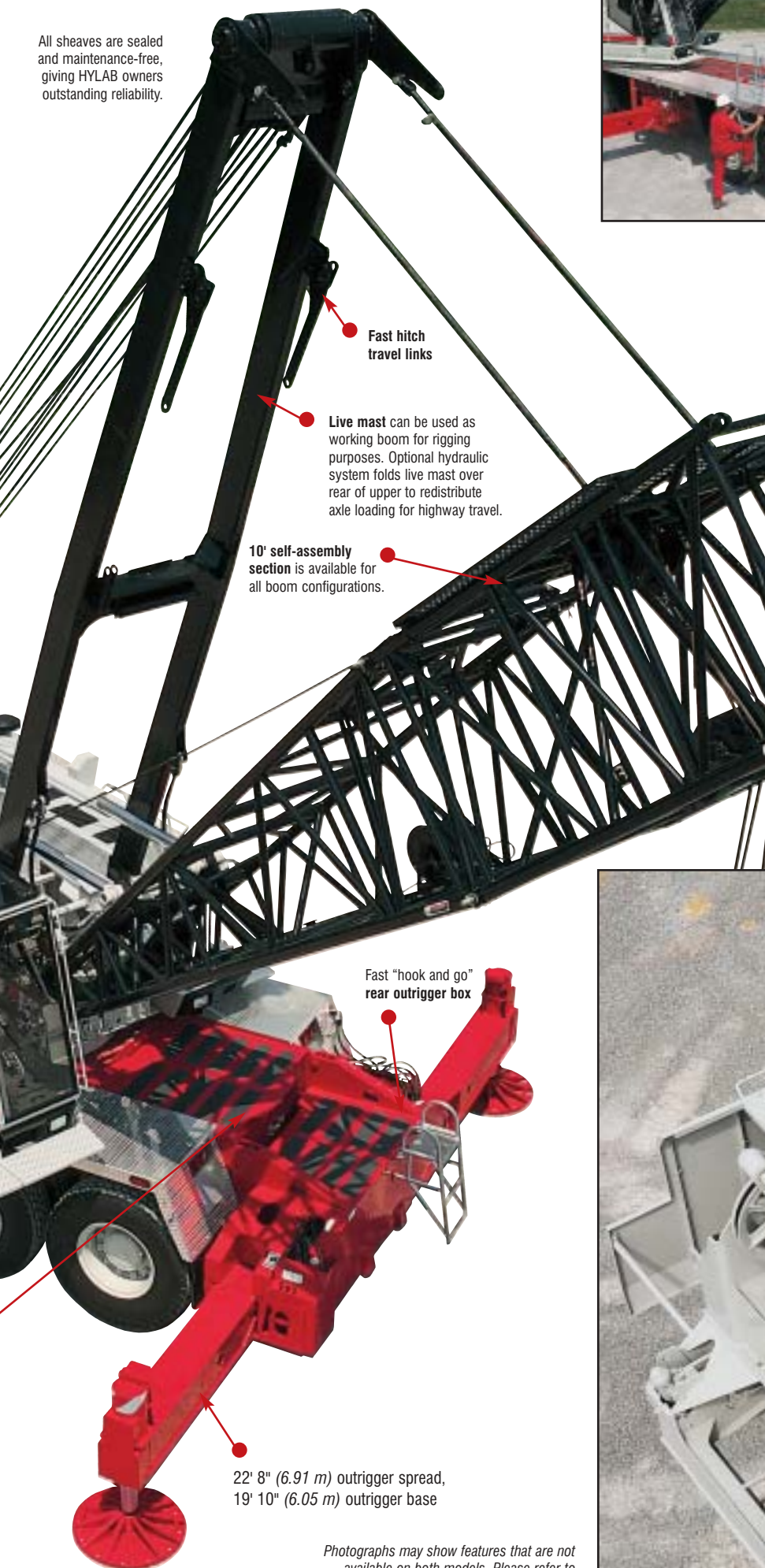
Five conveniently-located **remote throttle controls** allow a single operator to set the outriggers.

Aluminum fuel tank resists corrosion, reduces travel weight.

Non-slip safety strips and quick storage catwalks provide sure-footed access to the crane upper.



All sheaves are sealed and maintenance-free, giving HYLAB owners outstanding reliability.



Photographs may show features that are not available on both models. Please refer to Specifications sheet for more information.

Access ladders with hand-rails, removable right-side catwalks and a large flat deck are standard on Link-Belt cranes, providing superior operator accessibility.

Bullet-proof hydraulics and a strong power plant

QUALITY PROVEN FOR MANY YEARS IN QUALITY LINK-BELT PRODUCTS

Powered by the biggest and most quiet engine in its class, the **Isuzu engine** is fuel efficient and has proven to be very reliable. It has a high cooling capacity and provides high line speeds at higher line pulls.

Load control

The variable displacement system provides **infinite control of load speed** in hoist and lowering modes. Load speed is directly proportional to lever movement. This infinite control of drum speed allows the operator to choose the most efficient speed for each load.

Fine inching control

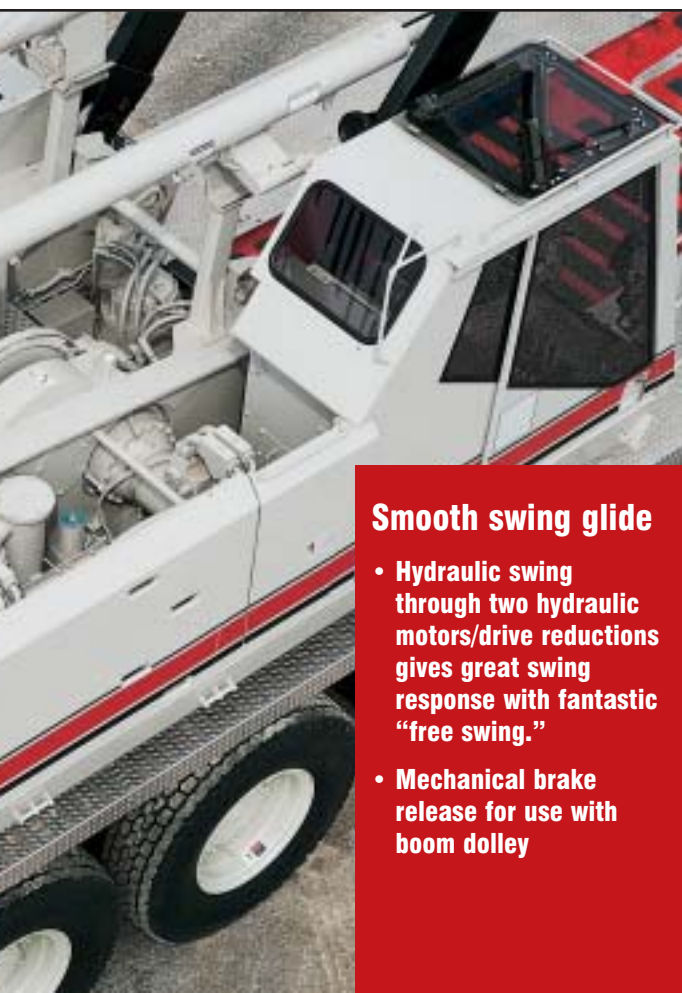
For **super precise control of load lowering/hoisting**, hydraulic pump flow can be minimized with the flip of a switch, allowing the operator to place loads with either the main or rear drums with extreme accuracy.

Boom hoist

Independent hydraulic boom hoist is driven by a variable displacement axial piston motor through a gear reduction system. This system features infinitely variable boom hoist speed, automatic boom hoist brake and a limiting device that restricts hoisting boom beyond recommended minimum radius.



Left-hand catwalks optional



Smooth swing glide

- **Hydraulic swing through two hydraulic motors/drive reductions gives great swing response with fantastic "free swing."**
- **Mechanical brake release for use with boom dolly**



Comfort and control at your fingertips

The HYLAB crane operations control center provides excellent visibility and is ergonomically designed for maximum operating comfort and control. Features include:

- Armchair mounted pilot-operated hydraulic controls
- Swing-up roof window with wiper
- Sliding front glass
- Engine instrumentation panel with backlit gauges
- Six-way adjustable seat
- Hand and foot throttle
- 18,500 BTU air conditioning
- 19,000 BTU heater

Operator's cab console features include:

- Free-fall mode indicator
- Load indicator
- Anti-two block override switch
- Boom hoist override switch
- Limit alarm indicator light
- System override switch and indicator light
- Front, rear and third drum lock switch
- Swing lever with swing brake and horn located on handle
- Mechanical drum rotation indicators in controller

Load moment indicator/limiter

The standard PAT DS-350* rated capacity limiter with display includes two linersiders, angle sensor, computer and anti-two block equipment to provide:

- Representation of machine configuration
- Graphical step-by-step machine set-up
- Boom length & angle
- Jib length & angle
- Load on hook
- Rated load
- Load radius
- Tip height
- Anti-two block warning & function limiters
- Operation mode
- Audio/visual warning and limits functions when the load on hook is at 100% of the crane's rated load
- Operator-settable alarms

*The HC-238H II comes standard with the PAT DS-350G/1334 rated capacity limiter with all of the above features in addition to a graphic display. The PAT DS-350G/1334 is pictured to the right.



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Moves in 8 loads with max boom, max jib and full counterweight

Link-Belt leads the way in designing roadable, big capacity truck cranes and nowhere is this more evident than with the HYLAB Series. The weight efficient design and built-in stripdown features of the HC-238H II and HC-248H will get your big capacity crane to the next job site quicker and at less cost.

No helper crane required

The HC-238H II and HC-248H are designed to be self-erecting and self-stripping. The optional 10' extension with lifting sheaves is used to assemble/disassemble, or the live mast can be used as a short boom for loading and handling counterweight, outrigger boxes and boom sections — eliminating the need for a helper crane.



Hydraulic cylinders pull/extend bottom pins and rear outrigger box is simply slipped off of hooks.



The front outrigger box can be easily removed for transport in locations with severe weight restrictions.



HC-238H II base machine travels at under 85,000 lbs (38 555 kg) and the HC-248H travels at under 93,000 lbs (42 185 kg).

Exclusive weight transfer option

To optimize axle loadings, a patented weight transfer system flips the mast over the rear of the upper structure, transferring up to 5,466 lbs. (2 479 kg) for the HC-238H II and 9,101 lbs (4 128 kg) for the HC-248H from the rear axle tandem to the front axle tandem to meet the most strict highway laws, making the HYLAB series the most roadable large truck cranes available today.

Air and electrical hook-ups on the rear of the carrier for boom dolly, trailer or tag axle — standard



Pusher axle mount option allows more weight to be carried on the machine during transport.

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Available attachments provide strength and versatility

Conventional open throat boom

- **HC-238H II:** 50' - 260' (15.24 - 79.25 m) conventional boom
 - Using pin-connected sections and open throat top section, the HC-238H II provides the longest boom lengths in this machine class.
- **HC-248H:** 50' - 280' (15.24 - 85.34 m) conventional boom
- Main chord members are made with 100,000 psi yield material with high strength lattice.
- Boom suspension is achieved through 18-part boom hoist reeving with dual pendant ropes.
- Standard equipment deflector rollers protect lattice sections from wire rope scuffing.

Auxiliary 5' (1.5 m) tip extension

- Optional — designed to provide clearance between two working hoist lines

Boom and jib — open throat

- **HC-238H II:** 230' + 75' (70.10 m + 22.86 m) boom + fixed jib
- **HC-248H:** 240' + 100' (73.15 m + 30.48 m) boom + fixed jib
- Jib is common to other Link-Belt models.

Luffing boom attachment

HC-238H II:

- 165' + 160' + 30' (50.29 + 48.77 + 9.14 m) luffing boom + luffing jib + fixed jib
- Luffing boom attachment is common to LS-238H
- Luffing attachment for the HC-238H II is designed with luffing jib reeving anchored off the luffing boom to keep reeving down low within operator's view — easy to assemble.
- Top section assembly of luffer transports as one piece and makes for fast, easy assembly to the luffing jib.

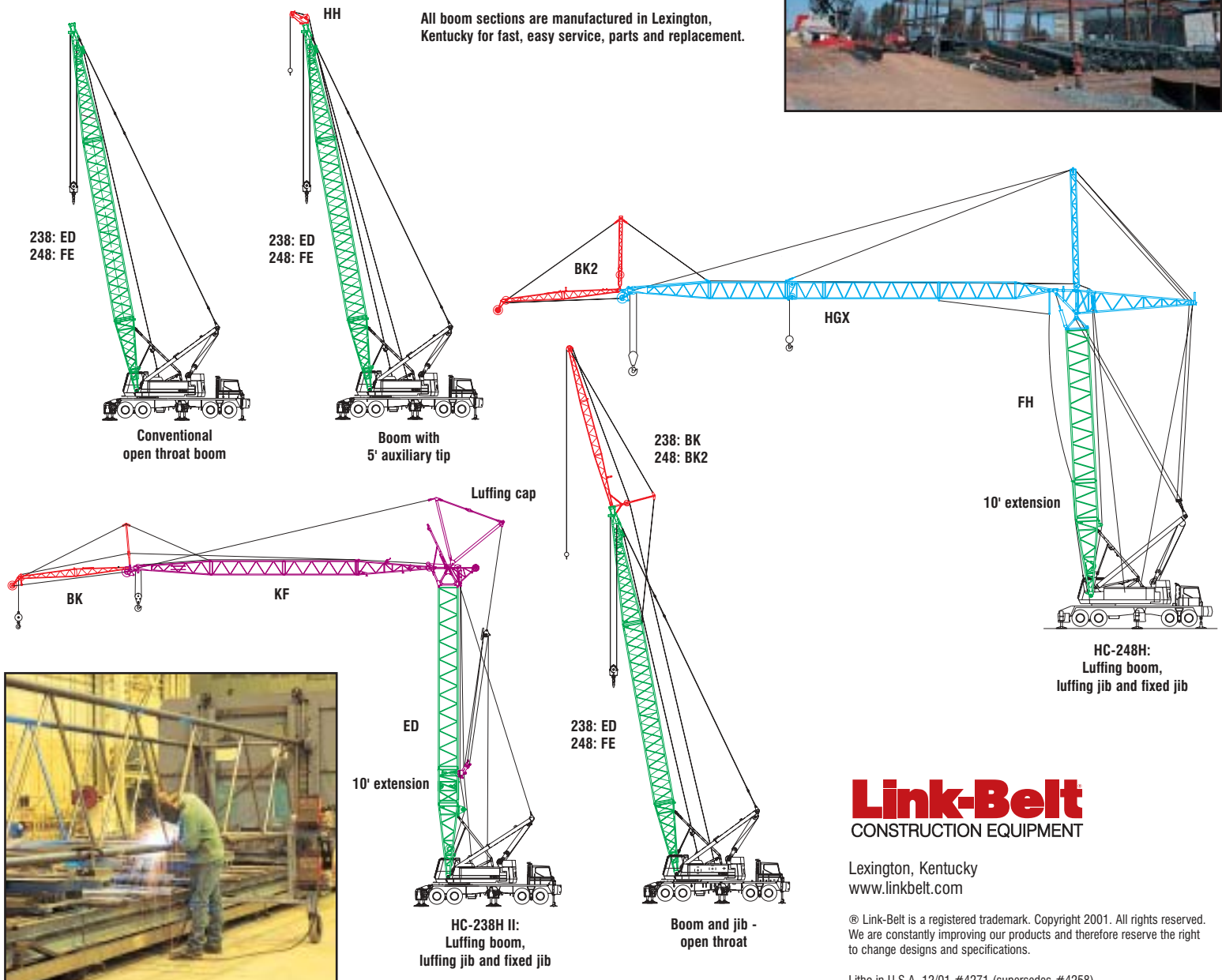
HC-248H:

- 180' + 160' + 30' (54.86 + 48.77 + 9.14 m) luffing boom + luffing jib + fixed jib
- Luffing boom attachment is common to LS-248H
- Conventional boom also serves as luffing boom
- This attachment flexibility and simplicity makes the HC-238H II and HC-248H — conventional or with luffing attachment — the first machines of choice to go out of the yard and to the job!
- Hydraulic third drum mounted in boom base to provide two working lines with luffing is also available.

10' (3.05 m) self-assembly section

- Shown on luffing boom — is available for all configurations.
- Required on the HC-238H II luffing boom make-up

All boom sections are manufactured in Lexington, Kentucky for fast, easy service, parts and replacement.



Link-Belt
CONSTRUCTION EQUIPMENT

Lexington, Kentucky
www.linkbelt.com

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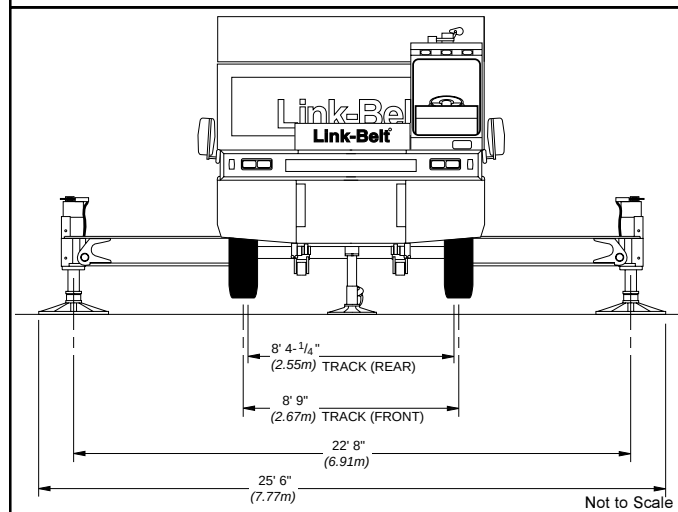
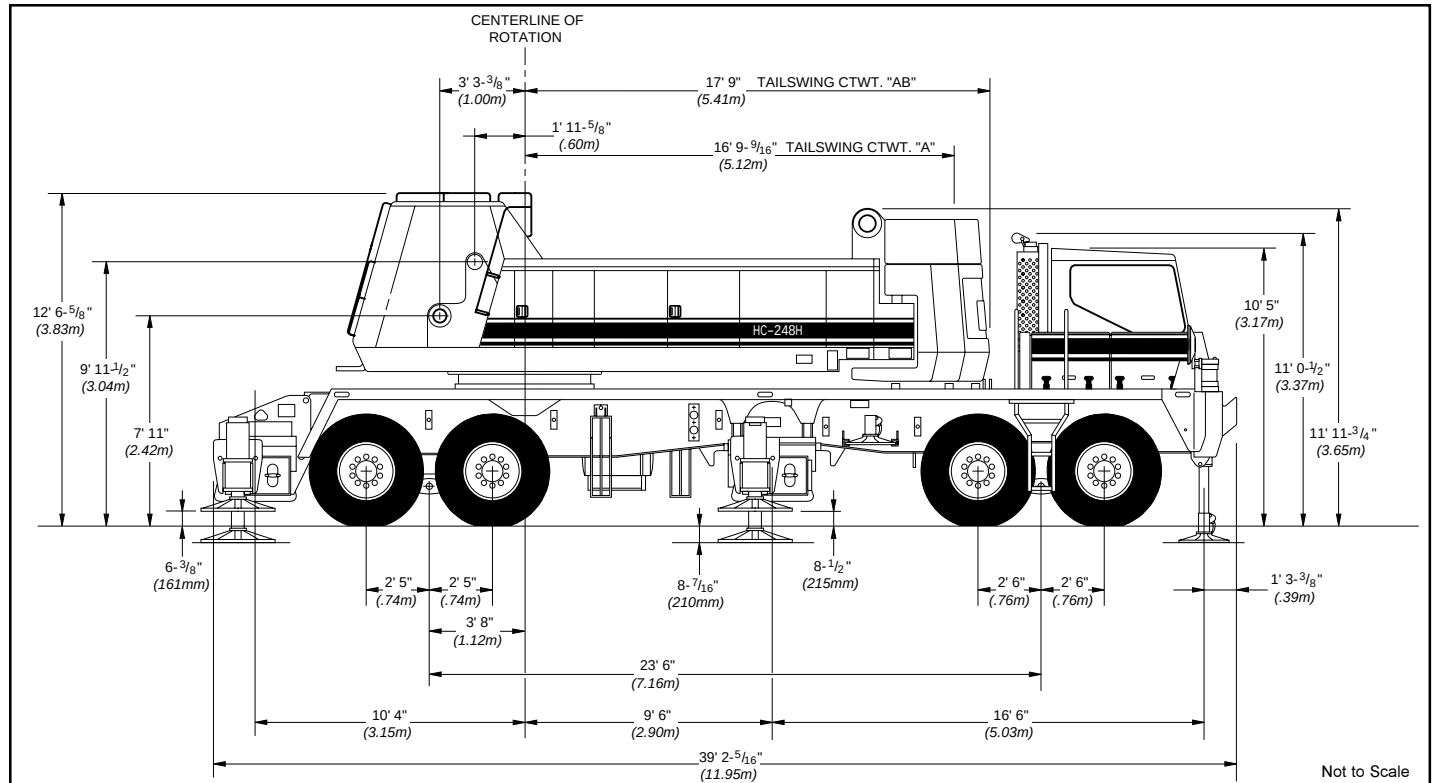
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Specifications

Hydraulic Lattice Boom Truck Crane

HC-248H

200-Ton (181.50 metric ton)



General dimensions	Feet	meters
Overall width, outriggers retracted (floats removed)	11' 0"	3.35
Minimum ground clearance (at bottom of front bogie beam)	11"	.28
Ground clearance under counterweight with machine on tires	5' 8.75"	1.75
Overall cab width (upper)	11' 0"	3.35
Radius of boom hinge pin	3' 3.4"	1.00
Vehicle turning diameter - Centerline outside front tire	106'	32.30
Vehicle turning diameter - Outside of outer front tire (curb clearance)	107' 3"	32.69
Vehicle clearance over front bumper	111' 8"	34.03
Vehicle clearance over "A" front bumper ctwt	113' 2"	34.49
Vehicle clearance over "AB" front bumper ctwt	113' 10"	34.70

Boom, Live Mast and Jib

■ Tubular Boom

Basic Boom – Two-piece 50' (15.24 m) long. Each section is 80" (2.03 m) wide by 68" (1.73 m) deep at the connections. Chords are 4" (.10 m) diameter alloy steel.

Boom Connections – In-line pin connections.

Base Section – 20' (6.10 m) long with the boomfeet on 55.12" (1.40 m) centers.

Boom Extensions – Available in 10', 20', 30', 40' and 50' (3.05, 6.10, 9.14, 12.19 and 15.24 m) lengths with appropriate length pendants. Maximum boom length combination is 280' (85.34 m).

Boom Extension with lifting Sheaves – An optional 10' (3.05 m) long section with lifting sheaves is designed to assist in the assembly and disassembly of the counterweights and outriggers.

Tip Section – 30' (9.14 m) long with open-throat top section.

Boompont Machinery – Six 20.75" (.53 m) root diameter sheaves mounted on sealed anti-friction bearings for lift crane applications.

Boom Angle Indicator – Pendulum type mounted on boom base section.

■ Boom Live Mast

Standard – 30' (9.14 m) long supports the boomhoist bridle and boom pendants, and is required for all boom lengths and combinations. May be used in the assembly and disassembly of the boom, counterweights and outriggers, but not intended for lift crane service.

Note: The mast may be self-stored either over the rear or the front of the upperstructure to help meet weight restriction when traveling.

Optional (Live Mast Weight Transfer System) – Hydraulic cylinders position the live mast over the rear of the upperstructure to transfer weight from one axle group to the other.

■ Tubular Jib

Basic Jib – Two-piece 30' (9.14 m) long. Each section is 32" (.81 m) wide by 24" (.61 m) deep at the connections. Chords are 2.25" (57 mm) diameter alloy steel.

Jib Connections – In-line pin connections.

Jib Offsets – All jib length combinations can be offset to 5, 15 and 25 degrees.

Base Section – 15' (4.57 m) long.

Jib Extensions – Available in 10' and 20' (3.05, and 6.10 m) lengths with appropriate length pendants. Maximum jib length combination is 100' (30.48 m). Maximum boom plus jib combination is 240' (73.15 m) plus 100' (30.48 m).

Tip Section – 15' (4.57 m) long is equipped with a single peak 21" (.53 m) root diameter sheave. The sheave is mounted on sealed anti-friction bearings for lift crane applications. An anchor is provided at the peak for two-part load hoist wire rope (whipline) connection.

Jib Mast – 17'10" (5.44 m) long is mounted on the jib base section. A deflector sheave is mounted within the mast to guide the whipline. Two equalizer sheaves are mounted to the top of the mast – one for the front stayline and the other for the back stayline. All sheaves are mounted on sealed anti-friction bearings for lift crane applications.

Jib staylines – The back staylines vary in length depending on the degree of jib offset from the boom centerline and attaches at the bottom end of the boom top section. The front staylines vary in length depending on the length of the jib.

Jib stops – Telescoping type, pinned from jib mast to boom top section and from jib mast to jib base section.

Upperstructure

■ General

Frame – High strength alloy steel.

Machinery Cab – Hinged doors (one on right side and two on the left side) for machinery access. Equipped with rooftop access ladder, electric warning horn and skid-resistant finish on roof.

Catwalks – Standard on operator's side. Catwalks remove to reduce travel width.

Bail – Mounted on sealed anti-friction bearings, seven sheaves are provided for 16 part boom hoist wire rope reeving.

■ Swing

Independent, an axial piston motor through a gear reduction system drives hydraulic swing. Free swing when lever is in neutral position.

Swing Brake – 360 degree; spring applied, hydraulically released; electrically controlled by a button on the swing control lever.

Travel Swing Lock – Two position locking mechanism mechanically controlled from the operator's cab.

Turntable bearing – Inner race with integral swing (race) gear mounted on carrier.

Swing Speed – Variable from 0 to 2 rpm

■ Load Hoist System

Mounted on sealed anti-friction bearings, the main (front) and auxiliary (rear) hoists are 19" (.48 m) root diameter grooved for 1" (25 mm) wire rope. Each drum is reduction geared and powered by a fixed displacement axial piston motor. Actuating or reversing the hydraulic motor provides load hoisting or lowering. Smooth, precise power load lowering is attained with an automatic hydraulic brake. The operator control levers provides two speeds for hoisting and lowering. Additional, each drum is equipped with audible-type rotation indicators.

Drum Clutches – Speed-o-Matic power two-shoe clutches; 30" (.76 m) diameter, 6.5" (.17 m) width; internal expanding, lined shoes. Clutch spiders are splined to shafts; clutch drums are integral with hoist drums.

Freefall – For use in high cycle and duty cycle applications, hydraulic controlled two-shoe clutches allow freefall operation of the main and auxiliary hoist drums. Electrically activated by a mode selection switch in the operator's cab.

Drum Brakes – External contracting band-type; operated by foot pedal equipped with a locking latch. Operator may select automatic brake mode* (spring applied, hydraulic release), which will apply brakes when the hoist lever is in the neutral position.

*Automatic brake mode meets all OSHA requirements for personnel handling.

Drum Locking Pawls – Electrically actuated and prevents drum rotation in a load lowering condition.

■ Load Hoisting Performance

Available line speed and line pull

Line pulls are not based on wire rope strength. See wire rope chart below for maximum permissible single part of line working loads.

Line Speeds and Pulls

Rope layer	Front Drum - 1" (25 mm) wire rope						Rear Drum - 1" (25 mm) wire rope					
	Maximum line pull		No load line speed		Full load line speed		Maximum line pull		No load line speed		Full load line speed	
	lbs.	kg	ft./min	m/min	ft./min	m/min	lbs.	kg	ft./min	m/min	ft./min	m/min
1	48,622	22 055	225	68	112	34	29,361	13 318	372	113	186	57
2	44,198	20 048	247	75	124	38	26,689	12 106	410	125	205	62
3	40,512	18 376	270	82	135	41	24,463	11 096	447	136	223	68
4	37,393	16 961	292	89	146	45	22,580	10 242	484	148	242	74
5	34,720	15 749	315	96	157	48	20,966	9 510	521	159	260	79
6	32,404	14 698	337	103	169	51	19,567	8 876	559	170	279	85
7	30,378	13 779	360	110	180	55	18,344	8 321	596	182	298	91

Rope layer	Boomhoist Drum - 7/8" (22 mm) wire rope						Third Drum - 1" (25 mm) wire rope					
	Maximum line pull		No load line speed		Full load line speed		Maximum line pull		No load line speed		Full load line speed	
	lbs.	kg	ft./min	m/min	ft./min	m/min	lbs.	kg	ft./min	m/min	ft./min	m/min
1	40,842	18 526	147	45	134	41	20,656	9 369	442	135	105	32
2	36,760	16 674	163	50	149	45	18,752	8 506	486	148	116	35
3	33,417	15 158	180	55	163	50	17,169	7 788	531	162	127	39
4	30,633	13 895	196	60	178	54	15,833	7 182	576	176	138	42
5	28,276	12 826	213	65	193	59	14,690	6 663	621	189	148	45
6	26,257	11 910	229	70	208	63	--	--	--	--	--	--
7	24,506	11 116	245	75	223	68	--	--	--	--	--	--

Wire Rope Drum Capacities

Rope layer	Boomhoist Drum Capacity - 7/8" (22 mm) wire rope					
	Pitch Diameter		Layer		Total	
	in.	mm	ft.	m	ft.	m
1	15.88	403.2	51.8	15.8	51.8	15.8
2	17.63	447.7	57.1	17.4	108.9	33.1
3	19.38	492.1	62.3	19.0	171.2	51.9
4	21.13	536.6	67.2	20.3	238.5	72.4
5	22.88	581.0	72.5	22.0	311.0	94.4
6	24.63	625.5	77.4	23.4	388.4	117.8
7	26.38	669.9	82.7	25.1	471.1	142.9

Rope layer	Front Drum Capacity - 1" (25 mm) wire rope					
	Pitch Diameter		Layer		Total	
	in.	mm	ft.	m	ft.	m
1	20	508	110	33.4	110	33.4
2	22	559	121	36.7	230	69.3
3	24	610	132	40.0	362	109.9
4	26	660	143	43.4	504	152.9
5	28	711	154	46.7	658	199.7
6	30	762	164	49.7	822	249.5
7	32	813	175	53.1	998	302.9

Rope layer	Rear Drum Capacity - 1" (25 mm) wire rope					
	Pitch Diameter		Layer		Total	
	in.	mm	ft.	m	ft.	m
1	20	508	110	32.4	110	32.4
2	22	559	121	36.7	230	69.3
3	24	610	132	40.1	362	110.3
4	26	660	143	43.4	504	153.6
5	28	711	154	46.7	658	200.6
6	30	762	164	49.8	822	250.5
7	32	813	175	53.1	998	302.9

Rope layer	Third Drum Capacity - 1" (25 mm) wire rope					
	Pitch Diameter		Layer		Total	
	in.	mm	ft.	m	ft.	m
1	19.7	500	150	45.5	150	45.5
2	21.7	551	165	50.1	316	95.9
3	23.7	602	181	54.9	496	150.5
4	25.7	653	196	59.4	692	210.0
5	27.7	704	211	64.0	903	274.1

Wire Rope: size, type and working strength

Wire rope application	Size: diameter		Type	Max. permissible load	
	inches	mm		lbs.	kg
Boomhoist	7/8	22	LB	25,000	11340
Main load hoist	1	25	LB	32,500	14740
Jib load hoist (1-part)	1	25	RB	22,760	10320
Jib load hoist (2-parts)	1	25	RB	45,520	20640
Boom pendants (dual)	1	25	N	N/A	N/A
Jib staylines	7/8	22	N	N/A	N/A

Wire Rope: types available

- Type "N" - 6 x 25 (6 x 19 class) filler wire, extra improved plow steel, preformed, independent wire rope center, right lay, regular lay.
- Type "LB" - 6 strand, compacted strand, Seale or Warrington Seale, preformed, independent wire rope center, right lay, regular lay.
- Type "RB" - Rotation resistant, 19 strand, Compacted strand, Extra-extra improved plow steel, preformed, right regular lay.

Upperstructure

■ Boom Hoist System

Mounted on sealed anti-friction bearings, the boom hoist drum is 15" (.38 m) root diameter grooved for 7/8" (22 mm) wire rope. The drum is independently driven by an axial piston motor through a gear reduction system. Boom lowering is preformed by actuating or reversing the piston motor. Boom hoist speed from 0 to 70 degrees boom angle is 90 seconds.

Boom Hoist Brake – Spring applied, hydraulic release, which will apply the brake when the boom hoist lever is in the neutral position.

Drum Locking Pawl – Electrically actuated and prevents drum rotation in a boom lowering condition.

Boom Hoist Limiting Device – Restricts boom from being hoisted beyond recommended minimum radius.

■ Hydraulic System

Main Pumps – Two variable displacement piston pumps operating at 4,000 psi (281.24 kg/cm²) power main drum, auxiliary drum and boom hoist drum. Two fixed displacement gear pumps operating at 3,000 psi (211 kg/cm²) power swing function. One fixed displacement gear pump operating at 1,210 psi (85 kg/cm²) powers pilot control system, clutches, brakes and pump controls.

Pump Control ("Fine Inching") mode – Special fine metering pump setting, selectable from the operator's cab, allows very slow movements to the main hoist, auxiliary hoist and boom hoist for precision work.

Hydraulic Reservoir – 42 gallons (158 L) 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.

Counterbalance Valves – All hoist motors are equipped with counter-balance valves to provide load lowering and prevents accidental load drop when hydraulic power is suddenly reduced.

■ Pump Drive

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

■ Electrical

Two batteries provide 24-volt operating and starting.

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

Lights – Two 70 watt sealed beam on the front of the upper superstructure.

■ Fuel Tank

One 76 gallon (288 liter) capacity tank.

■ Counterweight

Standard - Three-piece "ABC" counterweight consisting of 23,000 lbs. (10 433 kg) "A" counterweight, 19,330 lbs. (8 768 kg) "B" counterweight, and 21,110 lbs. (9 575 kg) "C" counterweight. Total weight - 64,440 lbs. (29 229 kg).

* See carrier section for carrier counterweights.

Operators Cab

Fully enclosed, one person. Galvaneal steel construction lined with vinyl covered acoustical insulation.

Engine Specifications	Isuzu 6SD1TQB-01
Number of cylinders	6
Bore and stroke: inch (mm)	4.72 x 5.71 120 x 145
Piston displacement - cu. in. - (cm ³)	600 9839
High idle speed - rpm	2,400
Engine rpm at full load speed	2,200
Net engine hp at full load speed - (kw)	248 186
Peak torque - foot pounds - (joules)	644 873.3
Peak torque - rpm	1,500
Electrical system	24-volt
Batteries	2 - 12 volt

Equipped with:

- Swing-up roof window
- Sliding right-side door
- Sliding tinted left-side window
- Door and window locks
- Removable catwalks
- Fire extinguisher
- Sun visor
- Dome light
- Rubber floor mat

Cab Instrumentation – The instrument panels houses:

- Service center that monitors oil filter, engine oil pressure, radiator water level, engine temperature, air cleaner, battery charge, battery fluid and swing brake.
- Switches for fine inching control, 2-speed electric windshield wiper/washer, heater, fan, working lights, ignition and drum locks.
- Bubble-type level
- Tachometer
- Voltmeter
- Fuel gauge
- Hydraulic oil temperature gauge
- Engine temperature gauge

Lever Control System – Remote controlled hydraulic servo for main and auxiliary drums. Mechanical linkage controls swing. Function speed is proportional to lever movement. Levers are adjustable for operator comfort.

Rated Capacity Limiter – PAT DS-350 audio-visual warning system with function limiters. Programmed with multiple charts it provides operator with:

- Main boom and jib angle
- Operating mode
- Load radius
- Boom tip height
- Anti-two block indicator
- Pre-warning light, audible alarm and overload light
- Allowed and actual load on hook

Carrier

General

11' 0" (3.35m) wide, 282" (7.16 m) wheelbase.

Standard – 8 x 4 x 4 drive.

Frame – 100,000 PSI (689.5 MPa) alloy steel, triple box construction.

Outriggers

Double-box, dual beams front and rear, pin connected to carrier frame.

Hydraulically operated beams and jack cylinders are individually controlled from each side of carrier. Single hydraulically operated front jack cylinder is individually controlled from front bumper of carrier. Each jack cylinder is equipped with integral holding valves.

Rear outriggers – Quick-attach, self-aligning system with hydraulic box pin puller and box mounting controls.

Front outriggers – Roll-out system with tilting left jack cylinder for frame clearance during box removal. Quick-attach, self-aligning system with hydraulic box pin puller and box mounting controls.

Floats – Four main stowable, quick-release, steel floats with 34" (.86 m) diameter base. A stowable, quick-release, aluminum float with 24" (.61 m) diameter base for front bumper jack.

Jack reactions – 252,000 lbs. (114 305 kg) force and 278 PSI (19.55 kg/cm²) ground bearing pressure maximum on main outriggers. 75,000 lbs. (34 019 kg) force and 167 PSI (11.74 kg/cm²) ground bearing pressure maximum on front bumper outrigger.

Steering

Sheppard full integral hydraulic power. Steering mounted on high side of frames to minimize exposure o hazards. High speed, high powerwsystem to maximize maneuverability both on the job and on the road.

Axles

Front – Tubular, bogie beam mounted, tandem axles, 105" (2.67m) track with single wheels.

Rear – Planetary, bogie beam mounted, tandem axles, 100.25" (2.56 m) track with dual wheels.

Pusher – *Optional*; 22,000 lb. (9 979 kg) rated tubular trailer axle with dual 275/70R22.5 tubeless radial tires on disc wheels and lift-type air suspension system. Axle centerline located at 91" (2.31 m) ahead of drive axle tandem centerline. 91.75" (2.33 m) track.

Suspension

Front – Air-ride system, 4-bag walking beam style that deflates to solid mount for increased stability during job site travel.

Rear – Solid mount, bronze bushed equalizer beams with rubber bushed torque rods.

Wheels

Front – Hub mounted steel disc.

Rear – Integral with planetary hubs.

Tires

Standard – 14R24 3- star radial with on-off highway tread.

Brakes

Service – Full air brakes on all wheel ends. Dual circuit with modulated emergency brakes.

Front – 16.5" x 6" (.42 m x .15 m) S-Cam brakes.

Rear – 20.25" x 7" (.42 m x .15 m) S-Cam brakes.

Parking/emergency – One spring set, air released chamber per rear axle end. Emergency brakes apply automatically when air pressure drops below 60 PSI (413.7 kPa) in both systems.

Carrier Speeds

Main - Eaton RTO 14908LL			Auxiliary - Spicer P-1241-C							
			4th (.81)		3rd (1.00)		2nd (1.24)		1st (2.37)	
Gear		Ratio	mph	km/h	mph	km/h	mph	km/h	mph	km/h
High	8th	.74	58.5*	94.2*	47.4	76.3	38.2	61.5	20.0	32.2
	7th	1.00	43.2	69.5	35.1	56.5	28.3	45.5	14.8	23.8
	6th	1.36	31.8	51.2	25.8	41.5	20.8	33.5	10.9	17.5
	5th	1.83	23.6	38.0	19.2	30.9	15.5	24.9	8.1	13.0
Low	4th	2.53	17.1	27.5	13.9	22.4	11.2	18.0	5.9	9.5
	3rd	3.40	12.7	20.4	10.3	16.6	8.3	13.4	4.4	7.1
	2nd	4.63	9.3	15.0	7.6	12.2	6.1	9.8	3.2	5.1
	1st	6.24	6.9	11.1	5.6	9.0	4.5	7.2	2.4	3.9
	L	9.42	4.6	7.4	3.7	6.0	3.0	4.8	1.6	2.6
Deep Reduction	LL	14.56	3.0	4.8	2.4	3.9	1.9	3.1	1.0	1.6
Hi Rev.	Rev.	2.89	15.0	24.1	12.1	19.5	9.8	15.8	5.1	8.2
Lo Rev.	Rev.	9.85	4.4	7.1	3.6	5.8	2.9	4.7	1.5	2.4
Deep Reduction	Rev.	15.22	2.8	4.5	2.3	3.7	1.9	3.1	1.0	1.6
Deep Reduction @ 600 rpm	LL	14.56	.85	1.4	.7	1.2	.55	.9	.3	.5
Deep Reduction @ 600 rpm	Rev.	15.22	.8	1.3	.65	1.1	.5	.8	.3	.5

* Radial tires and pick and carry axles and rims required for top speeds above 50 mph (80.45 km/hr).

Carrier

■ Fuel Tank

One 85 gallon (322 liter) capacity tank.

■ Bumper Counterweight

Standard - Two-piece "AB" counterweight consisting of 13,500 lbs. (6 124 kg) "A" counterweight and 11,500 lbs. (5 216 kg) "B" counterweight. Total weight - 25,000 lbs. (11 340 kg).

Optional - One-piece "auxiliary" counterweights. Total weight - 10,000 lbs. (4 536 kg). For use with luffing boom attachment only.

■ Carrier Cab

Fully enclosed, one person. Galvaneal steel construction lined with vinyl covered acoustical insulation. Equipped with:

- Air ride seat with seat belt
- 2-speed electric windshield wiper and washer
- Tilt/telescoping steering column
- Cruise control
- Front and roof fresh air vents
- Roll-down, left-side window

- Sliding tinted rear and right-side window
- Door and window locks
- Accessory plug/lighter
- Fire extinguisher
- 19,800 BTU heater/defroster
- Rubber floor mat
- Horn
- Dome light

Cab Instrumentation – Tilt-out (for service access) illuminated instrument panel includes:

- Speedometer with LCD readout for odometer, hour meter, two trip odometers, and a clock
- Tachometer
- Voltmeter
- Stop and check engine warning lights
- Fuel gauge
- Engine oil pressure gauge
- Engine temperature gauge
- Front and rear air pressure gauges with low air pressure warning buzzer/light
- Transmission temperature gauge with overheat warning buzzer/light (available only with automatic)
- Cruise controls

- Engine fan clutch switch
- Heater and defroster controls
- Light controls
- Park brake switch and applied light
- Engine diagnostic request switch

■ Additional Equipment

Standard:

- Towing shackles front and rear
- Aluminum full deck fenders and ladders
- Outrigger controls with engine throttle-up control
- West coast type rear view mirrors with adjustable convex mirror
- Trailer electrical and air connections
- 2-way reading bubble levels
- Back-up alarm
- Mud flaps
- Air dryer
- Lug wrench
- Tire inflation system

Optional:

- Spare tires and rims

Engine Specifications	Detroit Diesel Series 60 - 12.7 liter
Number of cylinders	6
Bore	5.12" (.13 m)
Stroke	6.30" (.16 m)
Piston displacement	778 cu. in. (12 751 cm ³)
Max. brake h.p. @ rpm	430 (321 kw) @ 2,100
Governed load speed rpm	2,100
Peak torque @ rpm	1,450 ft. lbs. (1 966 j) @ 1,200
Alternator	130 amps
Air compressor	28 cfm (.85 m ³ /min)

Axle	Maximum Allowable Load @ 65 mph (105 km/hr)
Front	43,660 lbs (19804 kg)
Rear	85,840 lbs (38936 kg)

■ Axle Loads

Base machine: Standard revolving upperstructure equipped with Isuzu engine, hydraulic backstops, mast, bridle, bail, boomhoist rope with mast to rear of upper and 1,050' (320 m) of front drum rope; Standard carrier equipped with Detroit Diesel Series 60 engine, manual transmission, aluminum fenders, 14R24 front and rear radial tires, full fuel and front center hydraulic jack.	Gross Vehicle Weight		Upper Facing Rear				Upper Facing Front			
			Front Axle		Rear Axle		Front Axle		Rear Axle	
	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg
	93,167	42273	43,933	19928	49,264	22346	17,606	7986	75,591	34288
Add Rear Outrigger Box	13,160	5969	-3,620	-1642	16,780	7611	-3,620	-1642	16,780	7611
Add Front Outrigger Box	11,960	5425	6,830	3098	5,130	2327	6,830	3098	5,130	2327
Add Main Outrigger Floats to Storage Racks	660	299	230	104	430	195	230	104	430	195
Add Bumper Outrigger Float to Storage Rack	80	36	60	27	20	9	60	27	20	9
Replace Std Front Tires with 14.00 x 24 Bias Tires	-130	-59	-130	-59	0	0	-130	-59	0	0
Add Pusher/Lift Axle (Consult factory for effects on axle groups)	2,250	1021								
Add "A" Bumper Counterweight	13,500	6123	17,718	8037	-4,218	-1913	17,718	8037	-4,218	-1913
Add "B" Bumper Counterweight	11,500	5216	15,625	7087	-4,125	-1871	15,625	7087	-4,125	-1871
Add "C" Bumper Counterweight	10,000	4536	13,348	6054	-3,348	-1518	13,348	6054	-3,348	-1518
Add Driver to Carrier Cab	220	100	245	111	-25	-11	245	111	-25	-11
Remove 1,050 ft of Wire Rope from Front Drum	-1,940	-880	-668	-303	-1,272	-577	63	29	-2,003	-909
Add 850 ft of Wire Rope to Rear Drum	1,700	771	887	402	813	369	-357	-162	2,057	933
Remove Mast, Bridle, Bail & Boom Hoist Rope	-7,614	-3454	-6,342	-2877	-1,272	-577	3,966	1799	-11,580	-5253
Remove Boom Foot Pin Puller	-320	-145	-5	-2	-315	-143	-95	-45	-225	-102
Flip Mast to Front of the Upper	0	0	9,101	4128	9,101	4128	9,101	4128	-9,101	-4128
Replace hydraulic backstops w/ rigid (mast over front of upper)	0	0	9,101	4128	9,101	4128	9,101	4128	9,101	4128
Add "A" Upper Counterweight	23,000	10433	18,639	8455	4,361	1978	-11,462	5199	34,462	15632
Add "B" Upper Counterweight	19,330	8768	16,798	7619	2,532	1149	-10,766	-4833	30,096	13651
Add "C" Upper Counterweight	21,110	9575	17,422	7903	3,688	1673	-10,835	-4915	31,945	14490
Add 20 ft. Lattice Base Section	4,647	2108	-1,822	-826	6,469	2934				
Add 850 ft Type RB 1' rope to third drum	2,350	1066	-761	-345	3,111	1411				
Add 1050 ft Type RB 1' rope to third drum	2,280	1034	-598	-271	2,443	1108				
Add third drum deflector sheave assembly	600	272	-462	-210	1,062	482				
Add 10 ft Lattice Extension w/ Lifting Sheaves	2,574	1168	2,765	1254	5,339	2422				

Link-Belt® HC-248H Lifting Crane Capacities — open throat boom

 PCSA Class 12-921
 Refer to notes page 10

Boom — Tube; 80" (2.03 m) wide, 68" (1.73m) deep with open throat top section.

Jib — Tube; 32" (.81 m) wide, 24" (.61m) deep.

Counterweights — Refer to chart below.

Mounting — rubber tire mobile base:
 Link-Belt; 8 x 4 drive, 282" (7.16m)
 wheelbase, 11' 0" (3.35m) wide.

Counterweights									
"A" upper		"AB" upper		"ABC" upper		"A" bumper		"AB" bumper	
Pounds	Kilograms	Pounds	kilograms	Pounds	Kilograms	Pounds	kilograms	Pounds	Kilograms
23,000	10 433	42,330	19 201	63,440	28 776	13,500	6 124	25,000	11 340

Open throat boom or boom + jib machine can **lift off** ground unassisted, without load.

Standard HC-248H must be equipped with the counterweights listed below when the indicated boom or boom + jib lengths are used.	Boom or boom + jib lengths allowed	On outriggers							
		Over rear				Over side			
		Boom		Boom + jib		Boom		Boom + jib	
		Feet	meters	Feet	meters	Feet	meters	Feet	meters
Cwt. ABC + 0	Minimum Maximum	50 240	15.24 73.15	50 + 30 200 + 100	15.24 + 9.14 60.96 + 30.48	50 240	15.24 73.15	50 + 30 200 + 100	15.24 + 9.14 60.96 + 30.48
Cwt. ABC + A	Minimum Maximum	100 260	30.48 79.25	---	---	100 250	30.48 76.20	---	---
Cwt. ABC + AB	Minimum Maximum	180 280	54.86 85.34	210 + 30 240 + 100	64.01 + 9.14 73.15 + 30.48	180 250	54.86 76.20	210 + 30 210 + 100	64.01 + 9.14 64.01 + 30.48

Machine **travel** ^① with open throat boom + jib, with no load. ^②

Standard HC-248H must be equipped with the counterweights listed below when the indicated boom or boom + jib lengths are used.	Boom or boom + jib lengths allowed	On tires ^③							
		Jobsite moves at 1 mph (1.61 km/h) with boom or boom + jib in the air, and with upper facing rear or front. ^④				Jobsite moves at 5 mph (8.05 km/h), with boom or boom + jib horizontal over rear only, and supporting with standard suspension.			
		Boom		Boom + jib		Boom		Boom + jib	
		Feet	meters	Feet	meters	Feet	meters	Feet	meters
Cwt. ABC + 0	Minimum Maximum	50 240	15.24 73.15	50 + 30 200 + 100	15.24 + 9.14 60.96 + 30.48	50 140	15.24 42.67	---	---
Cwt. ABC + A	Minimum Maximum	100 260	30.48 79.25	---	---	110 140	33.53 42.67	---	---
Cwt. ABC + AB	Minimum Maximum	180 280	54.86 85.34	180 + 30 240 + 100	54.86 + 9.14 73.15 + 30.48	---	---	---	---

① Hook block may be carried only when attached to carrier.

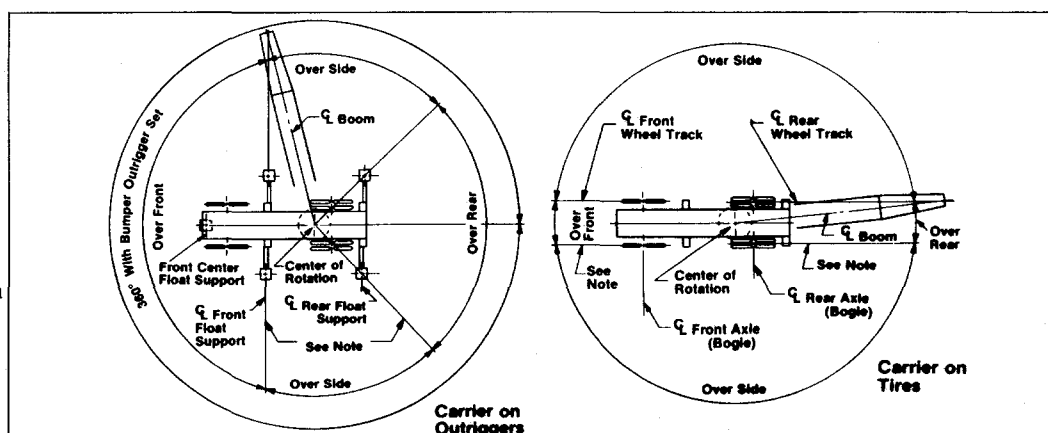
② Limited to 85% of available stability with machine standing level on firm supporting surface.

③ For air pressure in front and rear tires refer to operator's manual or tire inflation chart on machine.

④ Refer to operator's manual for permissible boom angles during travel.

Working Areas

- These lines determine the limiting position of any load for operation within working areas indicated.
- Do not swing over side until all outrigger beams are fully extended, until all tires are clear of the ground and machine is properly leveled on a firm supporting surface on 5 jacks.



Caution: This material is for reference only. Operator must refer to in-cab capacity plate to determine allowable machine lifting capacities and operating procedures.

HC-248H Lift Crane Capacities

Refer to notes on page 10.

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section. Hammerhead tip required for 35' (10.67 m) boom length.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper ctwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper ctwt. "A": 13,500 lbs. (6 124 kg)

Bumper ctwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/ctwt. "ABC" & no bumper ctwt.				On tires w/ctwt. "ABC" & no bumper ctwt.				On outriggers w/ctwt. "ABC" & "A" bumper ctwt.				On outriggers w/ctwt. "ABC" & "AB" bumper ctwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear		360°	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
35' ^② (10.67 m)	10	3.05	82.0	39.5	12.03	400,000*	181 440*	400,000*	181 440*	--	--	↑		↑		↑		↑		↑	
	15	4.57	73.5	38.0	11.58	288,300*	130 773*	288,300*	130 773*	--	--										
	20	6.10	63.8	36.0	10.97	218,700*	99 202*	218,700*	99 202*	--	--										
	30	9.14	40.1	27.0	8.22	135,900*	61 644*	135,900*	61 644*	--	--										
50' (15.24 m)	12	3.66	80.0	57.2	17.43	350,000*	158 760*	350,000*	158 760*	97,000*	43 999*										
	15	4.57	76.4	56.5	17.22	291,300*	132 134*	291,300*	132 134*	88,000*	39 917*										
	20	6.10	70.5	55.0	16.76	221,400*	100 427*	221,400*	100 427*	76,200*	34 564*										
	25	7.62	64.3	53.0	16.15	178,100*	80 786*	178,100*	80 786*	67,000*	30 391*										
	30	9.14	57.7	50.2	15.30	142,000	64 411	142,000	64 411	57,800	26 218										
	40	12.19	42.7	41.9	12.77	90,500	41 051	92,100	41 777	40,400	18 325										
60' (18.29 m)	50	15.24	20.9	25.7	7.83	65,500	29 711	67,400	30 573	30,500	13 835										
	13	3.96	80.7	67.1	20.45	303,000*	137 441*	303,000*	137 441*	93,300*	42 321*										
	15	4.57	78.7	66.8	20.36	289,800*	131 453*	289,800*	131 453*	87,700*	39 781*										
	20	6.10	73.8	65.5	19.96	221,400*	100 427*	221,400*	100 427*	75,800*	34 383*										
	25	7.62	68.8	63.9	19.48	178,200*	80 832*	178,200*	80 832*	66,600*	30 210*										
	30	9.14	63.6	61.6	18.78	142,400	64 593	142,400	64 593	57,900	26 263										
70' (21.34 m)	40	12.19	52.3	55.4	16.89	90,800	41 187	92,400	41 913	40,500	18 371										
	50	15.24	38.9	45.6	13.90	65,800	29 847	67,600	30 663	30,600	13 880										
	60	18.29	19.0	27.5	8.38	51,000	23 134	52,800	23 950	24,200	10 977										
	14	4.27	81.2	77.1	23.50	282,400*	128 097*	282,400*	128 097*	90,200*	40 915*		N/A		N/A		N/A		N/A		
	15	4.57	80.4	76.9	23.44	278,000*	126 101*	278,000*	126 101*	87,500*	39 690*										
	20	6.10	76.2	75.9	23.13	222,000*	100 699*	222,000*	100 699*	75,700*	34 338*										
80' (24.38 m)	25	7.62	71.9	74.5	22.71	178,600*	81 013*	178,600*	81 013*	66,500*	30 164*										
	30	9.14	67.6	72.6	22.13	143,300	65 001	143,300	65 001	58,400	26 490										
	40	12.19	58.4	67.5	20.57	91,500	41 504	93,000	42 185	40,900	18 552										
	50	15.24	48.1	60.1	18.32	66,300	30 074	68,100	30 890	30,900	14 016										
	60	18.29	35.9	48.9	14.90	51,500	23 360	53,200	24 132	24,500	11 113										
	70	21.34	17.6	29.1	8.87	41,500	18 824	43,200	19 596	19,900	9 027										
90' (27.43 m)	15	4.57	81.6	87.1	26.55	258,100*	117 074*	258,100*	117 074*	86,900*	39 418*										
	20	6.10	77.9	86.2	26.27	221,800*	100 608*	221,800*	100 608*	75,100*	34 065*										
	25	7.62	74.2	84.9	25.88	178,400*	80 922*	178,400*	80 922*	66,000*	29 938*										
	30	9.14	70.5	83.3	25.39	143,400	65 046	143,400	65 046	58,300	26 445										
	40	12.19	62.7	79.0	24.08	91,500	41 504	93,000	42 185	40,700	18 462										
	50	15.24	54.3	72.9	22.22	66,300	30 074	68,100	30 890	30,800	13 971										
90' (27.43 m)	60	18.29	44.8	64.3	19.60	51,500	23 360	53,200	24 132	24,400	11 068										
	70	21.34	33.5	52.1	15.88	41,600	23 360	43,200	19 596	19,900	9 027										
	80	24.38	16.5	30.6	9.33	34,500	15 649	36,000	16 330	16,500	7 484										
	16	4.88	81.9	97.0	29.57	238,700*	108 274*	238,700*	108 274*	83,700*	37 966*										
	20	6.10	79.3	96.4	29.38	221,600*	100 518*	221,600*	100 518*	74,500*	33 793*										
	25	7.62	76.0	95.3	29.05	178,200*	80 832*	178,200*	80 832*	65,400*	29 665*										
90' (27.43 m)	30	9.14	72.7	93.9	28.62	143,400	65 046	143,400	65 046	58,100	26 354										
	40	12.19	65.9	90.1	27.46	91,400	41 459	92,900	42 139	40,600	18 416										
	50	15.24	58.7	84.8	25.85	66,200	30 028	68,000	30 845	30,600	13 880										
	60	18.29	50.9	77.8	23.71	51,400	23 315	53,100	24 086	24,300	11 022										
	70	21.34	42.2	68.3	20.82	41,500	18 824	43,100	19 550	19,800	8 981										
	80	24.38	31.5	55.0	16.76	34,500	15 649	35,900	16 284	16,400	7 439										
90' (27.43 m)	90	27.43	15.5	32.0	9.75	29,300	13 290	30,600	13 880	13,800	6 260										

① Measured vertically from center of boom head sheave to ground.

② Requires hammerhead tip.

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper cwt. "A": 13,500 lbs. (6 124 kg)

Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/cwt. "ABC" & no bumper cwt.				On tires w/cwt. "ABC" & no bumper cwt.				On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear			
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg		
100' (30.48 m)	18	5.49	81.5	106.8	32.55	217,000*	98 431*	217,000*	98 431*	78,200*	35 472*	217,000*	98 431*	217,000*	98 431*						
	20	6.10	80.4	106.5	32.46	211,600*	95 982*	211,600*	95 982*	73,900*	33 521*	211,600*	95 982*	211,600*	95 982*						
	25	7.62	77.5	105.5	32.16	178,000*	80 741*	178,000*	80 741*	64,800*	29 393*	178,000*	80 741*	178,000*	80 741*						
	30	9.14	74.5	104.3	31.79	143,300	65 001	143,300	65 001	57,700*	26 173*	142,700*	64 729*	148,500*	67 360*						
	35	10.67	71.5	102.8	31.33	112,000	50 803	113,000	51 257	47,800	21 682	116,700	52 935	127,100*	57 653*						
	40	12.19	68.5	100.9	30.75	91,300	41 414	92,800	42 094	40,400	18 325	95,100	43 137	105,400	47 809						
	50	15.24	62.1	96.3	29.35	66,000	29 938	67,800	30 754	30,400	13 789	68,900	31 253	77,200	35 018						
	60	18.29	55.4	90.3	27.52	51,200	23 224	52,900	23 995	24,100	10 932	53,500	24 268	60,300	27 352						
	70	21.34	48.1	82.4	25.12	41,300	18 734	42,900	19 459	19,600	8 891	43,200	19 596	49,200	22 317						
	80	24.38	39.9	72.1	21.98	34,300	15 558	35,800	16 239	16,200	7 348	35,900	16 284	41,200	18 688						
	90	27.43	29.9	57.7	17.59	29,200	13 245	30,400	13 789	13,600	6 169	30,500	13 835	35,100	15 921						
	100	30.48	14.7	33.3	10.15	25,100	11 385	26,300	11 930	11,500	5 216	26,300	11 930	30,400	13 789						
110' (33.53 m)	19	5.79	81.8	116.8	35.60	200,500*	90 947*	200,500*	90 947*	75,400*	34 201*	200,500*	90 947*	200,500*	90 947*						
	20	6.10	81.3	116.6	35.54	198,000*	89 813*	198,000*	89 813*	73,300*	33 249*	198,000*	89 813*	198,000*	89 813*						
	25	7.62	78.6	115.8	35.30	177,700*	80 605*	177,700*	80 605*	64,200*	29 121*	177,700*	80 605*	177,700*	80 605*						
	30	9.14	75.9	114.6	34.93	143,200	64 956	143,200	64 956	57,100*	25 901*	142,300*	64 547*	148,200*	67 224*						
	35	10.67	73.2	113.3	34.53	111,900	50 758	112,800	51 166	47,500	21 546	116,500*	52 844*	126,900*	57 562*						
	40	12.19	70.5	111.6	34.02	91,100	41 323	92,600	42 003	40,100	18 189	95,000*	43 092*	105,200	47 719						
	50	15.24	64.9	107.5	32.77	65,900	29 892	67,600	30 663	30,100	13 653	68,700	31 162	77,000	34 927						
	60	18.29	59.0	102.2	31.15	51,000	23 134	52,700	23 905	23,900	10 841	53,300	24 177	60,100	27 261						
	70	21.34	52.7	95.4	29.08	41,100	18 643	42,700	19 369	19,400	8 700	43,000	19 505	49,000	22 226						
	80	24.38	45.8	86.8	26.46	34,100	15 468	35,600	16 148	16,000	7 258	35,700	16 194	41,000	18 598						
	90	27.43	38.0	75.6	23.04	29,000	13 154	30,200	13 699	13,400	6 078	30,300	13 744	34,900	15 831						
	100	30.48	28.4	60.3	18.38	24,900	11 295	26,200	11 884	13,400	6 078	26,200	11 884	30,200	13 699						
	110	33.53	14.0	34.6	10.55	21,600	9 798	22,800	10 342	9,700	4 400	22,800	10 342	26,500	12 020						
120' (36.58 m)	20	6.10	82.0	126.8	38.65	186,800*	84 732*	186,800*	84 732*	72,600*	32 931*	186,800*	84 732*	186,800*	84 732*						
	25	7.62	79.6	125.9	38.37	174,600*	79 199*	174,600*	79 199*	63,600*	28 849*	174,600*	79 199*	174,600*	79 199*						
	30	9.14	77.1	124.9	38.07	143,000	64 865	143,000	64 865	56,600*	25 674*	141,900*	64 366*	147,900*	67 087*						
	35	10.67	74.7	123.7	37.70	111,800	50 712	112,700	51 121	47,300	21 455	116,100*	52 663*	126,600*	57 426*						
	40	12.19	72.2	122.2	37.25	90,900	41 232	92,400	41 913	39,900	18 099	94,800	43 001	105,000	47 628						
	50	15.24	67.1	118.5	36.12	65,600	29 756	67,400	30 573	29,900	13 563	68,500	31 072	76,800	34 836						
	60	18.29	61.8	113.7	34.66	50,800	23 043	52,500	23 814	23,600	10 705	53,100	24 086	59,900	27 171						
	70	21.34	56.2	107.7	32.83	40,900	18 552	42,500	19 278	19,100	8 664	42,800	19 414	48,800	22 136						
	80	24.38	50.3	100.2	30.54	33,900	15 377	35,300	16 012	15,800	7 167	35,500	16 103	40,700	18 462						
	90	27.43	43.7	90.9	27.71	28,800	13 064	30,000	13 608	13,200	7 075	30,100	13 653	34,700	15 740						
	100	30.48	36.3	79.0	24.08	24,700	11 204	26,000	11 794	11,200	5 080	26,000	11 794	30,000	13 608						
	110	33.53	27.2	62.8	19.14	21,500	9 752	22,600	10 251	9,500	4 309	22,600	10 251	26,400	11 975						
	120	36.58	13.4	35.8	10.91	18,800	8 528	19,800	8 981	8,100	3 674	19,800	8 981	23,200	10 524						
130' (39.62 m)	22	6.71	81.7	136.6	41.64	170,400*	77 293*	170,400*	77 293*	68,100*	30 890*	170,400*	77 293*	170,400*	77 293*						
	25	7.62	80.4	136.1	41.48	165,100*	74 889*	165,100*	74 889*	62,900*	28 531*	165,100*	74 889*	165,100*	74 889*						
	30	9.14	78.1	135.1	41.18	142,900	64 819	142,900	64 819	56,000*	25 402*	141,400*	64 139*	147,700*	66 997*						
	35	10.67	75.9	134.0	40.84	111,600	50 622	112,500	51 030	47,000	21 319	115,700*	52 482*	126,300*	57 290*						
	40	12.19	73.6	132.6	40.42	90,700	41 142	92,200	41 822	39,600	17 963	94,600	42 911	104,800	47 537						
	50	15.24	68.9	129.2	39.38	65,400	29 665	67,100	30 437	29,600	13 427	68,300	30 981	76,600	34 746						

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper cwt. "A": 13,500 lbs. (6 124 kg)

Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/cwt. "ABC" & no bumper cwt.				On tires w/cwt. "ABC" & no bumper cwt.		On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
130' (39.62 m)	60	18.29	64.1	124.9	38.07	50,600	22 952	52,300	23 723	23,400	10 614	52,900	23 995	59,600	27 035				
	70	21.34	59.1	119.5	36.42	40,700	18 462	42,200	19 142	18,900	8 573	42,600	19 323	48,500	22 000				
	80	24.38	53.8	112.9	34.41	33,600	15 241	35,100	15 921	15,500	7 031	35,200	15 967	40,500	18 371				
	90	27.43	48.2	104.8	31.94	28,600	12 973	29,700	13 472	13,000	5 897	29,800	13 517	34,400	15 604				
	100	30.48	41.9	94.8	28.90	24,500	11 113	25,700	11 658	10,900	4 944	25,700	11 658	29,700	13 472				
	110	33.53	34.8	82.8	25.05	21,200	9 616	22,400	10 161	9,300	4 218	22,400	10 161	26,100	11 839				
	120	36.58	26.1	65.2	19.87	18,600	8 437	19,600	8 891	7,900	3 583	19,600	8 891	23,000	10 433				
	130	39.62	12.9	36.9	11.25	16,300	7 394	17,300	7 847	6,700	3 039	17,300	7 847	20,400	9 253				
140' (42.67 m)	23	7.01	81.9	146.5	44.65	159,000*	72 122*	159,000*	72 122*	65,700*	29 802*	159,000*	72 122*	159,000*	72 122*				
	25	7.62	81.1	146.2	44.56	155,500*	70 535*	155,500*	70 535*	62,300*	28 259*	155,500*	70 535*	155,500*	70 535*				
	30	9.14	79.0	145.4	44.32	142,700	64 729	142,700	64 729	55,400*	25 129*	141,000*	63 958*	147,400*	66 861*				
	35	10.67	76.9	144.3	43.98	111,400	50 531	112,300	50 939	46,800	21 228	115,300*	52 300*	126,000*	57 154*				
	40	12.19	74.8	143.0	43.59	90,500	41 051	91,900	41 686	39,400	17 872	94,400	42 820	104,600	47 447				
	50	15.24	70.5	139.9	42.64	65,200	29 575	66,900	30 346	29,300	13 290	68,000	30 845	76,300	34 610				
	60	18.29	66.1	135.9	41.42	50,400	22 861	52,000	23 587	23,100	10 478	52,600	23 859	59,300	26 898				
	70	21.34	61.5	131.0	39.93	40,400	18 325	42,000	19 051	18,600	8 437	42,300	19 187	48,200	21 864				
	80	24.38	56.8	125.0	38.10	33,400	15 150	34,800	15 785	15,300	6 940	35,000	15 876	40,200	18 235				
	90	27.43	51.7	117.8	35.91	28,300	12 837	29,400	13 336	12,700	5 761	29,500	13 381	34,100	15 468				
	100	30.48	46.3	109.1	33.25	24,200	10 977	25,500	11 567	10,700	4 854	25,500	11 567	29,400	13 336				
	110	33.53	40.3	98.5	30.02	21,000	9 526	22,100	10 025	9,000	4 082	22,100	10 025	25,900	11 748				
	120	36.58	33.5	85.2	25.97	18,300	8 301	19,400	8 800	7,600	3 447	19,300	8 754	22,800	10 342				
	130	39.62	25.2	67.4	20.54	16,100	7 303	17,100	7 757	6,500	2 948	17,000	7 711	20,200	9 163				
	140	42.67	12.4	38.1	11.61	14,200	6 441	15,100	6 849	5,500	2 495	15,100	6 849	18,000	8 165				
150' (45.72 m)	25	7.62	81.7	156.3	47.64	145,400*	65 953*	145,400*	65 953*	61,700*	27 987*	145,400*	65 953*	145,400*	65 953*				
	30	9.14	79.7	155.5	47.40	138,600*	62 869*	138,600*	62 869*	54,800*	24 857*	138,600*	62 869*	138,600*	62 869*				
	35	10.67	77.8	154.5	47.09	111,200	50 440	112,000	50 803	46,500	21 092	114,900*	52 119*	125,700*	57 018*				
	40	12.19	75.8	153.4	46.76	90,300	40 960	91,700	41 595	39,100	17 736	94,100	42 684	104,300	47 310				
	50	15.24	71.9	150.5	45.87	64,900	29 439	66,600	30 210	29,100	13 200	67,800	30 754	76,100	34 519				
	60	18.29	67.8	146.8	44.74	50,100	22 725	51,700	23 451	22,900	10 387	52,400	23 769	59,000	26 762				
	70	21.34	63.6	142.3	43.37	40,100	18 189	41,700	18 915	18,300	8 301	42,000	19 051	48,000	21 773				
	80	24.38	59.2	136.8	41.70	33,100	15 014	34,500	15 649	15,000	6 804	34,700	15 940	39,900	18 099				
	90	27.43	54.7	130.3	39.72	28,100	12 746	29,100	13 200	12,400	5 625	29,200	13 245	33,800	15 332				
	100	30.48	49.8	122.6	37.37	24,000	10 886	25,200	11 431	10,400	4 717	25,200	11 431	29,100	13 200				
	110	33.88	44.6	113.3	34.53	20,700	9 390	21,800	9 888	8,700	3 946	21,800	9 888	25,600	11 612				
	120	36.57	38.9	102.1	31.12	18,100	8 210	19,100	8 664	7,400	3 357	19,100	8 664	22,500	10 206				
	130	39.62	32.3	88.2	26.88	15,800	7 167	16,800	7 620	6,200	2 812	16,800	7 620	20,000	9 072				
	140	42.67	24.3	69.6	21.21	14,000	6 350	14,900	6 759	5,200	2 359	14,800	6 713	17,800	8 074				
	150	45.72	12.0	39.1	11.92	12,300	5 579	13,200	5 988	4,300	1 950	13,100	5 942	15,900	7 212				
160' (48.77 m)	26	7.92	81.8	166.3	50.69	135,600*	61 508*	135,600*	61 508*			135,600*	61 508*	135,600*	61 508*				
	30	9.14	80.4	165.7	50.51	130,900*	59 376*	130,900*	59 376*			130,900*	59 376*	130,900*	59 376*				
	35	10.67	78.6	164.7	50.20	111,000	50 350	111,800	50 712			114,500*	51 937*	125,200*	56 791*				
	40	12.19	76.7	163.7	49.90	90,000	40 824	91,400	41 459			93,900	42 593	104,000	47 174				
	50	15.24	73.0	161.0	49.07	64,700	29 348	66,300	30 074			67,500	30 618	75,800	34 383				
	60	18.29	69.2	157.5	48.01	49,800	22 589	51,500	23 360			52,100	23 633	58,700	26 626				

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper cwt. "A": 13,500 lbs. (6 124 kg)

Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/cwt. "ABC" & no bumper cwt.				On tires w/cwt. "ABC" & no bumper cwt.		On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
160' (48.77 m)	70	21.34	65.4	153.3	46.73	39,900	18 099	41,400	18 779	↑		41,700	18 915	47,700	21 637	↑		↑	
	80	24.38	61.3	148.3	45.20	32,800	14 878	34,200	15 513			34,400	15 604	39,600	17 963				
	90	27.43	57.2	142.4	43.40	27,800	12 610	29,100	13 200			28,900	13 109	33,500	15 196				
	100	30.48	52.8	135.4	41.27	23,700	10 750	24,900	11 295			24,900	11 295	29,100	13 200				
	110	33.88	48.2	127.1	38.74	20,400	9 253	21,600	9 798			21,600	9 850	25,300	11 476				
	120	36.57	43.2	117.4	35.78	17,800	8 074	18,800	8 528			18,800	8 528	22,200	10 070				
	130	39.62	37.6	105.6	32.19	15,600	7 076	16,500	7 484			16,500	7 484	19,700	8 936				
	140	42.67	31.3	91.0	27.74	13,700	6 214	14,600	6 623			14,500	6 577	17,500	7 938				
	150	45.72	23.5	71.7	21.85	12,100	5 489	12,900	5 851			12,900	5 851	15,600	7 076				
	160	48.77	11.0	40.2	12.25	10,700	4 854	11,500	5 216			11,400	5 171	14,000	6 350				
170' (51.82 m)	27	8.23	82.0	176.3	53.74	126,400*	57 335*	126,400*	57 335*	N/A		126,400*	57 335*	126,400*	57 335*	N/A		N/A	N/A
	30	9.14	81.0	175.8	53.58	123,200*	55 884*	123,200*	55 884*			123,200*	55 884*	123,200*	55 884*				
	35	10.67	79.2	174.9	53.31	110,800	50 259	111,600	50 622			114,000*	51 710*	116,700*	52 935*				
	40	12.19	77.5	173.9	53.00	89,800	40 733	91,100	41 323			93,700	42 502	103,800	47 084				
	50	15.24	74.0	171.4	52.24	64,400	29 212	66,100	29 983			67,300	30 527	75,500	34 247				
	60	18.29	70.5	168.2	51.27	49,600	22 499	51,200	23 224			51,800	23 496	58,400	26 490				
	70	21.34	66.9	164.3	50.08	39,600	17 963	41,100	18 643			41,500	18 824	47,400	21 501				
	80	24.38	63.2	159.6	48.65	32,500	14 742	33,900	15 377			34,100	15 468	39,300	17 826				
	90	27.43	59.3	154.1	46.97	27,500	12 474	28,800	13 064			28,900	13 109	33,200	15 060				
	100	30.48	55.3	147.1	44.84	23,400	10 614	24,600	11 159			24,700	11 204	28,800	13 064				
	110	33.53	51.1	140.3	42.76	20,100	9 117	21,300	9 662			21,300	9 662	25,000	11 340				
	120	36.58	46.6	131.5	40.08	17,500	7 938	18,500	8 392			18,500	8 392	21,900	9 934				
	130	39.62	41.8	121.2	36.94	15,300	6 940	16,200	7 348			16,200	7 348	19,400	8 800				
	140	42.67	36.5	109.0	33.22	13,400	6 078	14,300	6 486			14,200	6 441	17,200	7 802				
	150	45.72	30.3	93.8	28.59	11,800	5 352	12,600	5 715			12,600	5 715	15,300	6 940				
	160	48.77	22.8	73.8	22.49	10,400	4 717	11,200	5 080			11,100	5 035	13,700	6 214				
	170	51.82	11.3	41.2	12.56	9,200	4 173	9,900	4 491			9,900	4 491	12,300	5 579				
180' (54.86 m)	29	8.84	81.8	186.1	56.72	115,600*	52 436*	115,600*	52 436*	↓		115,600*	52 436*	115,600*	52 436*	115,600*	52 436*	115,600*	52 436*
	30	9.14	81.5	185.9	56.66	114,500*	51 937*	114,500*	51 937*			114,500*	51 937*	114,500*	51 937*	114,500*	51 937*	114,500*	51 937*
	35	10.67	79.9	185.1	56.42	109,800*	49 805*	109,800*	49 805*			109,800*	49 805*	109,800*	49 805*	107,600*	48 807*	109,800*	49 805*
	40	12.19	78.2	184.1	56.11	89,500	40 597	90,900	41 232			93,400	42 366	103,500	48 308	89,700*	40 688*	105,400*	47 809*
	50	15.24	75.0	181.8	55.41	64,100	29 076	65,800	29 847			67,000	30 391	75,200	34 111	66,600*	30 210*	83,300*	37 785*
	60	18.29	71.6	178.8	54.50	49,300	22 362	50,900	23 088			51,600	23 406	58,100	26 354	52,300*	23 723*	66,000*	29 938*
	70	21.34	68.2	175.1	53.37	39,300	17 826	40,800	18 507			41,200	18 688	47,100	21 365	42,300*	19 187*	54,500	24 721
	80	24.38	64.8	170.8	52.06	32,200	14 606	33,600	15 241			33,800	15 332	39,000	17 690	35,000*	15 876*	45,400	40 593
	90	27.43	61.2	165.7	50.51	27,200	12 338	28,500	12 928			28,600	12 973	32,900	14 923	29,500*	13 381*	38,500	17 464
	100	30.48	57.5	159.7	48.68	23,100	10 478	24,300	11 022			24,400	11 068	28,500	12 928	25,400*	11 521*	33,200	15 060
	110	33.53	53.6	152.9	46.60	19,800	8 981	21,000	9 526			21,000	9 526	24,700	11 204	21,900*	9 934*	28,900	13 109
	120	36.58	49.6	145.0	44.20	17,200	7 802	18,200	8 256			18,200	8 256	21,600	9 798	19,000*	8 618*	25,700	11 658
	130	39.62	45.3	135.8	41.39	15,000	6 804	15,900	7 212			15,900	7 212	19,100	8 664	16,600*	7 530*	22,800	10 342
	140	42.67	40.6	125.0	38.10	13,100	5 942	14,000	6 350			13,900	6 305	16,900	7 666	14,500*	6 577*	20,300	9 208
	150	45.72	35.4	112.2	34.20	11,500	5 216	12,300	5 579			12,300	5 579	15,000	6 804	12,800*	5 806*	18,200	8 256
	160	48.77	29.5	96.5	29.41	10,100	4 581	10,900	4 944			10,800	4 899	13,400	6 078	11,200*	5 080*	16,400	7 439
	170	51.82	22.1	75.8	23.10	8,900	4 037	9,600	4 355			9,600	4 355	12,000	5 443	9,900	4 491	14,600*	6 623*
	180	54.86	11.0	42.1	12.83	7,800	3 538	8,500	3 856			8,500	3 856	10,700	4 854	8,700	3 946	12,700*	5 761*

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper ctwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper ctwt. "A": 13,500 lbs. (6 124 kg)

Bumper ctwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/ctwt. "ABC" & no bumper ctwt.				On tires w/ctwt. "ABC" & no bumper ctwt.		On outriggers w/ctwt. "ABC" & "A" bumper ctwt.				On outriggers w/ctwt. "ABC" & "AB" bumper ctwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
190' (57.91 m)	30	9.14	81.9	196.0	59.74	107,100*	48 581*	107,100*	48 581*	↑		107,100*	48 581*	107,100*	48 581*	107,100*	48 581*	107,100*	48 581*
	35	10.67	80.4	195.3	59.53	103,400*	46 902*	103,400*	46 902*			103,400*	46 902*	103,400*	46 902*	103,400*	46 902*	103,400*	46 902*
	40	12.19	78.9	194.3	59.22	89,400	40 552	90,600	41 096			93,100	42 230	99,200*	44 997*	89,300*	40 506*	99,200*	44 997*
	50	15.24	75.8	192.1	58.55	63,800	28 940	65,500	29 711			66,700	30 255	74,900	33 975	66,200*	30 028*	82,700*	37 513*
	60	18.29	72.6	189.3	57.70	49,000	22 226	50,600	22 952			51,300	23 270	58,200	26 400	51,900*	23 542*	65,500*	29 711*
	70	21.34	69.4	185.8	56.63	39,000	17 690	40,500	18 371			40,900	18 552	46,800	21 228	41,900*	19 006*	54,200	24 585
	80	24.34	66.2	181.8	55.41	31,900	14 470	33,300	15 105			33,500	15 196	38,700	17 554	34,600*	15 695*	45,100	20 457
	90	27.43	62.8	177.0	53.95	26,900	12 202	28,200	12 792			28,300	12 837	32,600	14 787	29,100*	13 200*	38,200	17 328
	100	30.48	59.4	171.5	52.27	22,800	10 342	24,000	10 886			24,100	10 932	28,200	12 792	25,000*	11 340*	32,800	14 878
	110	33.53	55.8	165.1	50.32	19,500	8 845	20,600	9 344			20,700	9 390	24,400	11 068	21,500*	9 752*	28,900	13 109
	120	36.58	52.1	157.8	48.10	16,900	7 666	17,900	8 119			17,900	8 119	21,300	9 662	18,600*	8 437*	25,400	11 521
	130	39.62	48.2	149.5	45.57	14,600	6 623	15,600	7 076			15,600	7 076	18,700	8 482	16,200*	7 348*	22,500	10 206
	140	42.67	44.0	139.9	42.64	12,800	5 806	13,700	6 214			13,600	6 169	16,600	7 530	14,200	6 441	20,000	9 072
	150	45.72	39.4	128.6	39.20	11,200	5 080	12,000	5 443			12,000	5 443	14,700	6 668	12,400*	5 625*	17,900	8 119
	160	48.77	34.4	115.3	35.14	9,800	4 445	10,600	4 808			10,500	4 763	13,100	5 942	10,900*	4 944*	16,100	7 303
	170	51.82	28.7	99.1	30.21	8,600	3 901	9,300	4 218			9,300	4 218	11,700	5 307	9,500*	4 309*	14,400*	6 532*
	180	54.86	21.5	77.7	23.68	7,500	3 402	8,200	3 720			8,200	3 720	10,400	4 717	8,300*	3 765*	12,700*	5 761*
	190	57.91	10.7	43.1	13.14	6,500	2 948	7,200	3 266			7,200	3 266	9,300	4 218	7,200	3 266	11,000*	4 990*
200' (60.96 m)	32	9.75	81.7	205.9	62.76	95,300*	43 228*	95,300*	43 228*	N/A		95,300*	43 228*	95,300*	43 228*	95,300*	43 228*	95,300*	43 228*
	35	10.67	80.9	205.4	62.61	94,700*	42 956*	94,700*	42 956*			94,700*	42 956*	94,700*	42 956*	94,700*	41 289*	94,700*	41 289*
	40	12.19	79.4	204.5	62.33	89,000	40 370	90,300	40 960			92,900	42 139	93,400*	42 366*	88,800*	40 280*	93,400*	42 366*
	50	15.24	76.5	202.4	61.69	63,600	28 849	65,200	29 575			66,400	30 119	74,600	33 839	65,800*	29 847*	82,200*	37 286*
	60	18.29	73.5	199.7	60.87	48,700	22 090	50,300	22 816			51,000	23 134	57,900	26 263	51,500*	23 360*	64,900*	29 439*
	70	21.34	70.5	196.5	59.89	38,700	17 554	40,200	18 235			40,600	18 416	46,500	21 092	41,500*	18 824*	53,900	24 449
	80	24.38	67.4	192.6	58.70	31,600	14 334	33,000	14 969			33,200	15 060	38,300	17 373	34,200*	15 513*	44,700	20 276
	90	27.43	64.3	188.1	57.33	26,600	12 066	27,900	12 655			28,000	12 701	32,300	14 651	29,000*	13 154*	37,900	17 191
	100	30.48	61.1	183.0	55.78	22,500	10 206	23,700	10 750			23,800	10 796	27,900	12 655	24,700*	11 204*	32,500	14 742
	110	33.53	57.8	177.1	53.98	19,200	8 709	20,300	9 208			20,400	9 253	24,100	10 932	21,900*	9 934*	28,600	12 973
	120	36.58	54.3	170.3	51.91	16,600	7 530	17,600	1 983			17,600	7 983	21,000	9 526	18,300*	8 306*	25,100	11 385
	130	39.62	50.7	162.7	49.59	14,300	6 486	15,300	6 940			15,300	6 940	18,400	8 346	15,800*	7 167*	22,100	10 025
	140	42.67	46.9	153.9	46.91	12,500	5 670	13,400	6 078			13,300	6 033	16,200	7 348	13,800*	6 260*	19,700	8 936
	150	45.72	42.8	143.8	43.83	10,900	4 944	11,700	5 307			11,600	5 262	14,400	6 532	12,000*	5 443*	17,600	7 983
	160	48.77	38.4	132.2	40.29	9,500	4 309	10,300	4 672			10,200	4 627	12,800	5 806	10,500*	4 763*	15,700	7 122
	170	51.82	33.5	118.4	36.09	8,200	3 720	9,000	4 082			8,900	4 037	11,400	5 171	9,100*	4 128*	14,100*	6 396*
	180	54.86	27.9	101.6	30.97	7,200	3 266	7,900	3 583			7,800	3 538	10,100	4 581	7,900*	3 583*	12,500*	5 670*
	190	57.91	21.0	79.6	24.26	6,200	2 812	6,900	3 130			6,900	3 130	9,000	4 082	6,900*	3 130*	11,000*	4 990*
	200	60.96	10.4	44.0	13.41	5,400	2 449	6,000	2 722			6,000	2 722	8,000	3 629	5,900*	2 676*	9,500*	4 309*
210' (64.01 m)	33	10.06	81.9	215.8	65.78	83,900*	38 057*	83,900*	38 057*	↓		83,900*	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	38 057*
	35	10.67	81.3	215.5	65.68	83,900*	38 057*	83,900*	38 057*			83,900*	38 057*	83,900*	38 057*	83,900*	38 057*	83,900*	38 057*
	40	12.19	79.9	214.7	65.44	82,800*	37 558*	82,800*	37 558*			82,800*	37 558*	82,800*	37 558*	82,800*	37 558*	82,800*	37 558*
	50	15.24	77.1	212.7	64.83	63,300	28 713	64,900	29 439			66,100	29 983	74,300	33 702	65,400*	29 665*	80,000*	36 288*
	60	18.29	74.3	210.1	64.04	48,400	21 954	50,000	22 680			50,700	22 998	57,600	26 127	51,100*	23 179*	64,500*	29 257*
	70	21.34	71.5	207.0	63.09	38,400	17 418	39,900	18 099			40,300	18 280	46,200	20 956	41,100*	18 643*	53,600	24 313
	80	24.38	68.6	203.4	62.00	31,300	14 198	32,600	14 787			32,900	14 923	38,000	17 237	33,800*	15 332*	44,400	20 140
	90	27.43	65.6	199.2	60.72	26,300	11 930	27,600	12 519			27,700	12 565	31,900	14 470	28,600*	12 973*	37,500	17 010

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper cwt. "A": 13,500 lbs. (6 124 kg)

Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/cwt. "ABC" & no bumper cwt.				On tires w/cwt. "ABC" & no bumper cwt.		On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
210' (64.01 m)	100	30.48	62.6	194.3	59.22	22,200	10 070	23,400	10 614	N/A		23,400	10 614	27,600	12 519	24,300*	11 022*	32,200	14 606
	110	33.53	59.5	188.8	57.55	18,900	8 573	20,000	9 072			20,000	9 072	23,800	10 796	20,800*	9 435*	28,200	12 792
	120	36.58	56.2	182.5	55.63	16,200	7 348	17,300	7 847			17,300	7 847	20,700	9 390	17,900*	8 119*	24,700	11 204
	130	39.62	52.9	175.4	53.46	14,000	6 350	15,000	6 804			14,900	6 759	18,100	8 210	15,500*	7 031*	21,800	9 888
	140	42.67	49.4	167.3	50.99	12,100	5 489	13,000	5 897			13,000	5 847	15,900	7 212	13,400*	6 078*	19,400	8 800
	150	45.72	45.7	158.2	48.22	10,500	4 763	11,400	5 171			11,300	5 126	14,100	6 396	11,600*	5 262*	17,200	7 802
	160	48.77	41.7	147.7	45.02	9,100	4 128	9,900	4 491			9,900	4 491	12,400	5 625	10,100*	4 581*	15,400	6 985
	170	51.82	37.4	135.6	41.33	7,900	3 583	8,700	3 946			8,600	3 901	11,000	4 990	8,700*	3 946*	13,800*	6 260*
	180	54.86	32.7	121.4	37.00	6,900	3 130	7,600	3 447			7,500	3 402	9,800	4 445	7,500*	3 402*	12,200*	5 534*
	190	57.91	27.2	104.6	31.88	5,900	2 676	6,600	2 994			6,500	2 948	8,700	3 946	6,500*	2 948*	10,800*	4 899*
	200	60.96	20.5	81.4	24.81	5,100	2 313	5,700	2 586			5,600	2 540	7,700	3 493	5,500*	2 495*	9,400*	4 264*
	210	64.01	10.1	44.9	13.69	4,300	1 950	4,900	2 223			4,900	2 223	6,800	3 084	4,700*	2 132*	8,100*	3 674*
220' (67.06 m)	34	10.36	82.0	225.8	68.82	75,200*	34 111*	75,200*	34 111*	N/A		75,200*	34 111*	75,200*	34 111*	75,200*	34 111*	75,200*	34 111*
	35	10.67	81.7	225.6	68.76	75,200*	34 111*	75,200*	34 111*			75,200*	34 111*	75,200*	34 111*	75,200*	34 111*	75,200*	34 111*
	40	12.19	80.4	224.8	68.52	74,300*	33 702*	74,300*	33 702*			74,300*	33 702*	74,300*	33 702*	74,300*	33 702*	74,300*	33 702*
	50	15.24	77.7	222.9	67.94	63,000	28 577	64,600	29 303			65,900	29 892	72,900*	33 067*	65,000*	29 484*	72,900*	33 067*
	60	18.29	75.1	220.5	67.21	48,100	21 818	49,700	22 544			50,400	22 861	57,300	25 991	50,700*	22 998*	64,000*	29 030*
	70	21.34	72.3	217.6	66.32	38,100	17 282	39,600	17 963			40,000	18 144	45,800	20 775	40,700*	18 462*	53,300*	24 177*
	80	24.38	69.6	214.1	62.26	30,900	14 016	32,300	14 651			32,600	14 787	37,700	17 101	33,400*	15 150*	44,100	20 004
	90	27.43	66.8	210.1	64.04	26,000	11 794	27,300	12 383			27,400	12 429	31,600	14 334	28,300*	12 837*	37,200	16 874
	100	30.48	63.9	205.5	62.64	21,900	9 934	23,100	10 478			23,100	10 478	27,200	12 338	23,900*	10 841*	31,800	14 424
	110	33.53	61.0	200.3	61.05	18,600	8 437	19,700	8 936			19,700	8 936	23,500	10 660	20,400*	9 253*	27,900	12 655
	120	36.58	58.0	194.4	59.25	15,900	7 212	16,900	7 666			16,900	7 666	20,400	9 253	17,500*	7 938*	24,400	11 068
	130	39.62	54.8	187.8	57.24	13,700	6 214	14,600	6 623			14,600	6 623	17,800	8 074	15,100*	6 849*	21,500	9 752
	140	42.67	51.6	180.3	54.96	11,800	5 352	12,700	5 761			12,700	5 761	15,600	7 076	13,000*	5 896*	19,000	8 618
	150	45.72	48.2	171.9	52.40	10,200	4 627	11,000	4 990			11,000	4 990	13,700	6 214	11,200*	5 080*	16,900	7 666
	160	48.77	44.6	162.3	49.47	8,800	3 992	9,600	4 355			9,600	4 355	12,100	5 489	9,700*	4 400*	15,100	6 849
	170	51.82	40.7	151.5	46.18	7,600	3 447	8,300	3 765			8,300	3 765	10,700	4 854	8,300*	3 765*	13,500*	6 124*
	180	54.86	36.6	139.0	42.37	6,500	2 948	7,200	3 266			7,200	3 266	9,400	4 264	7,100*	3 221*	11,900*	5 398*
	190	57.91	31.9	124.3	37.89	5,600	2 540	6,300	2 858			6,200	3 812	8,300	3 765	6,100*	2 767*	10,500*	4 763*
	200	60.96	26.6	106.4	32.43	4,700	2 132	5,400	2 449			5,300	2 404	7,400	3 357	5,100*	2 313*	9,200*	4 173*
	210	64.01	20.0	83.2	25.36	4,000	1 814	4,600	2 087			4,500	2 041	6,500	2 948	4,300*	1 950*	8,000*	3 629*
	220	67.06	9.9	45.8	13.96	3,300	1 497	3,900	1 769			3,800	1 724	5,700	2 586	3,500*	1 588*	6,700*	3 039*
230' (70.10 m)	36	10.97	81.8	235.6	71.81	68,100*	30 890*	68,100*	30 890*	N/A		68,100*	30 890*	68,100*	30 890*	68,100*	30 890*	68,100*	30 890*
	40	12.19	80.8	235.0	71.63	67,300*	30 527*	67,300*	30 527*			67,300*	30 527*	67,300*	30 527*	67,300*	30 527*	67,300*	30 527*
	50	15.24	78.3	233.1	71.05	62,700	28 441	64,300	29 166			65,600*	29 756*	65,600*	29 756*	64,600*	29 303*	65,600*	29 756*
	60	18.29	75.7	230.8	70.35	47,800	21 682	49,400	22 408			50,100	22 725	57,000	25 855	50,300*	22 816*	62,300*	28 259*
	70	21.34	73.1	228.0	69.49	37,800	17 146	39,200	17 781			39,600	17 963	45,500	20 639	40,300*	18 280*	52,800*	23 950*
	80	24.38	70.5	224.8	68.52	30,600	13 880	32,000	14 515			32,200	14 606	37,400	16 965	33,000*	14 969*	43,800	19 868
	90	27.43	67.8	220.9	67.33	25,700	11 658	27,000	12 247			27,100	12 293	31,300	14 198	27,900*	12 655*	36,900	16 738
	100	30.48	65.1	216.6	66.02	21,600	8 798	22,700	10 297			22,800	10 342	26,900	12 202	23,500*	10 660*	31,500	14 288
	110	33.53	62.4	211.7	64.53	18,300	8 301	19,400	8 800			19,400	8 800	23,100	10 478	20,000*	9 072*	27,600	12 519
	120	36.58	59.5	206.1	62.82	15,600	7 076	16,600	7 530			16,600	7 530	20,000	9 072	17,100*	7 757*	24,100	10 932
	130	39.62	56.6	199.9	60.93	13,400	6 078	14,300	6 486			14,300	6 486	17,400	7 893	14,700*	6 668*	21,200	9 616
	140	42.67	53.5	192.9	58.80	11,500	5 216	12,400	5 625			12,300	5 579	15,300	6 940	12,600*	5 715*	18,700	9 482

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

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Upper cwt. "ABC": 63,440 lbs. (28 776 kg)

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Length	Boom					On outriggers w/ctwt. "ABC" & no bumper cwt.				On tires w/ctwt. "ABC" & no bumper cwt.		On outriggers w/ctwt. "ABC" & "A" bumper cwt.				On outriggers w/ctwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
230' (70.10 m)	150	45.72	50.4	185.0	56.39	9,900	4 491	10,700	4 854	↑		10,700	4 854	13,400	6 078	10,800*	4 899*	16,600	7 530
	160	48.77	47.0	176.3	53.74	8,500	3 856	9,300	4 218			9,200	4 173	11,800	5 352	9,300*	4 218*	14,700	6 668
	170	51.82	43.5	166.4	50.72	7,300	3 311	8,000	3 629			8,000	3 629	10,400	4 717	7,900*	3 583*	13,100*	5 942*
	180	54.86	39.8	155.1	47.27	6,200	2 812	6,900	3 130			6,800	3 084	9,100	4 128	6,700*	3 039*	11,500*	5 218*
	190	57.91	35.7	142.2	43.34	5,200	2 359	5,900	2 676			5,900	2 676	8,000	3 629	5,700*	2 586*	10,100*	4 581*
	200	60.96	31.2	127.1	38.74	4,400	1 996	5,000	2 268			5,000	2 268	7,000	3 175	4,700*	2 132*	8,900*	4 037*
	210	64.01	26.0	108.8	33.16	3,600	1 633	4,300	1 950			4,200	1 905	6,100	2 767	3,900*	1 769*	7,400*	3 357*
	220	67.06	19.6	84.9	25.88	3,000	1 361	3,500	1 588			3,500	1 588	5,300	2 404	3,100*	1 406*	6,600*	2 994*
	230	70.10	9.7	46.6	14.20	2,300	1 043	2,900	1 315			2,800	1 270	4,600	2 087	2,400*	1 089*	5,500*	2 495*
240' (73.15 m)	37	11.28	81.9	245.5	74.83	60,000*	27 216*	60,000*	27 216*	N/A		60,000*	27 216*	60,000*	27 216*	60,000*	27 216*	60,000*	27 216*
	40	12.19	81.2	245.1	74.71	59,500*	26 989*	59,500*	26 989*			59,500*	26 989*	59,500*	26 989*	59,500*	26 989*	59,500*	26 989*
	50	15.24	78.8	243.3	74.16	57,800	26 218	57,800	26 218			57,800*	26 218*	57,800*	26 218*	57,800*	26 218*	57,800*	26 218*
	60	18.29	76.3	241.1	73.49	47,500	21 546	49,100	22 272			49,800	22 589	54,900*	24 903*	49,900*	22 635*	54,900*	24 903*
	70	21.34	73.9	238.5	72.69	37,400	16 965	38,900	17 645			39,300	17 826	45,200	20 503	39,900*	18 099*	51,000*	23 134*
	80	24.38	71.4	235.3	71.72	30,300	13 744	31,700	14 379			31,900	14 470	37,000	16 783	32,600*	14 787*	43,400	19 686
	90	27.43	68.8	231.7	70.62	25,400	11 521	26,700	12 111			26,800	12 156	30,900	14 016	27,500*	12 474*	36,500	16 556
	100	30.48	66.2	227.6	69.37	21,300	9 662	22,400	10 161			22,500	10 206	26,600	12 066	23,100*	10 478*	31,200	14 152
	110	33.53	63.6	222.9	67.94	18,000	8 165	19,000	8 618			19,100	8 664	22,800	10 342	19,600*	8 891*	27,300	12 383
	120	36.58	60.9	217.6	66.32	15,300	6 940	16,300	7 394			16,300	7 394	19,700	8 936	16,700*	7 575*	23,800	10 796
	130	39.62	58.1	211.7	64.53	13,000	5 897	14,000	6 350			14,000	6 350	17,100	7 757	14,300*	6 486*	20,800	9 435
	140	42.67	55.3	205.2	62.54	11,200	5 080	12,000	5 443			12,000	5 443	14,900	6 759	12,200*	5 534*	18,400	8 346
	150	45.72	52.3	197.9	60.32	9,500	4 309	10,400	4 717			10,300	4 672	13,100	5 942	10,400*	4 717*	16,200	7 348
	160	48.77	49.2	189.7	57.82	8,100	3 674	8,900	4 037			8,900	4 037	11,400	5 171	8,900*	4 037*	14,400*	6 532*
	170	51.82	46.0	180.6	55.05	6,900	3 130	7,700	3 493			7,600	3 447	10,000	4 536	7,500*	3 402*	12,700*	5 761*
	180	54.86	42.6	170.3	51.91	5,900	2 676	6,600	2 994			6,500	2 948	8,800	3 992	6,300*	2 858*	11,100*	5 035*
	190	57.91	38.9	158.7	48.37	4,900	2 223	5,600	2 540			5,500	2 495	7,700	3 493	5,300*	2 404*	9,800*	4 445*
	200	60.96	34.9	145.4	44.32	4,100	1 860	4,700	2 132			4,600	2 087	6,700	3 039	4,300*	1 950*	8,500*	3 856*
	210	64.01	30.5	129.9	39.59	3,300	1 497	3,900	1 769			3,900	1 769	5,800	2 631	3,500*	1 588*	7,400*	3 357*
	220	67.06	25.4	111.0	33.83	2,600	1 179	3,200	1 452			3,100	1 406	5,000	2 268	2,700*	1 225*	6,300*	2 858*
	230	70.10	19.1	86.7	26.43	2,000	907	2,600	1 179			2,500	1 134	4,300	1 950	2,000*	907*	5,300*	2 404*
	240	73.15	9.5	47.5	14.48	—	—	2,000	907			—	—	3,600	1 633	—	—	4,300*	1 950*
250' (76.20 m)	40	12.19	81.6	255.2	77.78	N/A		N/A		N/A		53,900*	24 449*	53,900*	24 449*	53,900*	24 449*	53,900*	24 449*
	50	15.24	79.2	253.5	77.27							52,500*	23 814*	52,500*	23 814*	52,500*	23 814*	52,500*	23 814*
	60	18.29	76.9	251.4	76.63							49,600*	22 499*	49,600*	22 499*	49,500*	22 453*	49,600*	22 499*
	70	21.34	74.5	248.9	75.86							39,100	17 736	44,900	20 367	39,400*	17 872*	45,200*	20 503*
	80	24.38	72.1	245.9	74.95							31,600	14 334	36,900	16 738	32,100*	14 561*	41,300*	18 734*
	90	27.43	69.7	242.4	73.88							26,500	12 020	30,600	13 880	27,000*	12 247*	36,200	16 420
	100	30.58	67.2	238.5	72.69							22,200	10 070	26,200	11 884	22,600*	10 251*	30,800	13 971
	110	33.53	64.7	234.0	71.32							18,700	8 482	22,400	10 161	19,100*	8 664*	26,900	12 202
	120	36.58	62.2	229.0	69.80							15,900	7 212	19,300	8 754	16,200*	7 348*	23,400	10 614
	130	39.62	59.5	223.4	68.09							13,600	6 169	16,700	7 575	13,700*	6 214*	20,400	9 253
	140	42.67	56.8	217.2	66.20							11,600	5 262	14,500	6 577	11,700*	5 307*	18,000	8 165
	150	45.72	54.1	210.3	64.10							9,900	4 491	12,600	5 715	9,900*	4 491*	15,800	7 167
	160	48.77	51.2	202.7	61.78							8,500	3 856	11,000	4 990	8,300*	3 765*	14,000*	6 350*
	170	51.82	48.2	194.2	59.19							7,200	3 266	9,600	4 355	7,000*	3 175*	12,000*	5 443*

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper ctwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper ctwt. "A": 13,500 lbs. (6 124 kg)

Bumper ctwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/ctwt. "ABC" & no bumper ctwt.				On tires w/ctwt. "ABC" & no bumper ctwt.				On outriggers w/ctwt. "ABC" & "A" bumper ctwt.				On outriggers w/ctwt. "ABC" & "AB" bumper ctwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear		360°	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
250' (76.20 m)	180	54.86	45.0	184.8	56.33							6,100	2 767	8,300	3 765	5,800*	2 631*	10,300*	4 672*		
	190	57.91	41.7	174.2	53.10							5,100	2 313	7,200	3 266	4,700*	2 132*	9,200*	4 173*		
	200	60.96	38.1	162.2	49.44							4,200	1 905	6,200	2 812	3,800*	1 724*	8,500*	3 856*		
	210	64.01	34.2	148.5	45.26							3,400	1 542	5,300	2 404	2,900*	1 315*	6,800*	3 084*		
	220	67.06	29.9	132.6	40.42							2,700	1 225	4,500	2 041	2,100*	953*	6,500*	2 948*		
	230	70.10	24.9	113.3	34.53							2,000	907	3,800	1 724	—	—	5,400*	2 449*		
	240	73.15	18.8	88.3	26.91							—	—	3,100	1 406	—	—	4,300*	1 950*		
	250	76.20	9.3	48.3	14.72							—	—	2,500	1 134	—	—	3,100*	1 406*		
260' (79.25 m)	40	12.19	81.9	265.3	80.86							49,200*	22 317*	49,200*	22 317*	49,200*	22 317*	49,200*	22 317*		
	50	15.24	79.6	263.7	80.38							48,000*	21 773*	48,000*	21 773*	48,000*	21 773*	48,000*	21 773*		
	60	18.29	77.4	261.7	79.77							45,000*	20 412*	45,000*	20 412*	45,000*	20 412*	45,000*	20 412*		
	70	21.34	75.1	259.2	79.00							38,700	17 554	41,100*	18 643*	39,000*	17 690*	41,100*	18 643*		
	80	24.38	72.8	256.3	78.12							31,300	14 198	36,400	16 511	31,700*	14 379*	37,500*	17 010*		
	90	27.43	70.5	253.0	77.11							26,200	11 884	30,200	13 699	26,600*	12 066*	34,000*	15 422*		
	100	30.48	68.2	249.3	75.99							21,800	9 888	25,900	11 748	22,200*	10 070*	30,400	13 789		
	110	33.53	65.8	245.0	74.68							18,400	8 346	22,100	10 025	18,700*	8 482*	26,600	12 066		
	120	36.58	63.3	240.3	73.24							15,600	7 076	19,000	8 618	15,800*	7 167*	23,000	10 433		
	130	39.62	60.8	235.0	71.63							13,300	6 033	16,400	7 439	13,300*	6 033*	20,100	9 117		
	140	42.67	58.3	229.1	69.83							11,300	5 126	14,200	6 441	11,300*	5 126*	17,600	7 983		
	150	45.72	55.6	222.6	67.85							9,600	4 355	12,300	5 579	9,500*	4 309*	15,500	7 031		
	160	48.77	52.9	215.4	65.65	N/A		N/A		N/A		8,100	3 674	10,700	4 854	7,900*	3 583*	13,600	6 169		
	170	51.82	50.1	207.4	63.22							6,900	3 130	9,200	4 173	6,600*	2 994*	12,000	5 443		
	180	54.86	47.2	198.6	60.53							5,700	2 586	8,000	3 629	5,400*	2 449*	10,600	4 808		
	190	57.91	44.1	188.9	57.58							4,700	2 132	6,900	3 130	4,300*	1 950*	9,400	4 264		
	200	60.96	40.8	177.9	54.22							3,900	1 769	5,900	2 676	3,400*	1 542*	8,200	3 720		
	210	64.01	37.3	165.6	50.47							3,100	1 406	5,000	2 268	2,500*	1 134*	7,200	3 266		
	220	67.06	33.5	151.6	46.21							2,300	1 043	4,200	1 905	—	—	6,300	2 858		
	230	70.10	29.3	135.2	41.21							—	—	3,500	1 588	—	—	5,500	2 495		
	240	73.15	24.4	115.5	35.20							—	—	2,800	1 270	—	—	4,700	2 132		
	250	76.20	18.4	90.0	27.43							—	—	—	—	—	—	4,000	1 814		
	260	79.25	9.1	49.1	14.97							—	—	—	—	—	—	3,400	1 542		
270' (82.30 m)	41	12.50	82.0	275.3	83.91													44,700*	20 276*	44,700*	20 276*
	50	15.24	80.0	273.9	83.48													43,600*	19 777*	43,600*	19 777*
	60	18.29	77.9	271.9	82.88													40,900*	18 552*	40,900*	18 552*
	70	21.34	75.7	269.6	82.17													37,300*	16 919*	37,300*	16 919*
	80	24.38	73.5	266.8	81.32													31,300*	14 198*	34,000*	15 422*
	90	27.43	71.3	263.6	80.35													26,200*	11 884*	31,100*	14 107*
	100	30.48	69.0	260.0	79.25													21,800*	9 888*	26,800*	12 156*
	110	33.53	66.7	255.9	78.00													18,300*	8 301*	24,600*	11 159*
	120	36.58	64.4	251.4	76.63													15,400*	6 985*	22,400*	10 161*
	130	39.62	62.0	246.3	75.07													12,900*	5 851*	19,800	8 981
	140	42.67	59.6	240.7	73.37													10,900*	4 944*	17,300	7 847
	150	45.72	57.1	234.6	71.51													9,100*	4 128*	15,200	6 895
	160	48.77	54.5	227.8	69.43													7,500*	3 402*	13,300	6 033
	170	51.82	51.9	220.3	67.15													6,200*	2 812*	11,700	5 307

HC-248H Lift Crane Capacities

Refer to notes on page 10

Boom - tube:

80" (2.03 m) wide and 68" (1.73 m) deep with open throat top section.

Mounting - Link-Belt carrier:

8 x 4 drive, 282" (7.16 m) wheelbase 11' 0" (3.35 m) wide.

Counterweights:

Upper cwt. "ABC": 63,440 lbs. (28 776 kg)

Bumper cwt. "A": 13,500 lbs. (6 124 kg)

Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Length	Boom					On outriggers w/cwt. "ABC" & no bumper cwt.				On tires w/cwt. "ABC" & no bumper cwt.				On outriggers w/cwt. "ABC" & "A" bumper cwt.				On outriggers w/cwt. "ABC" & "AB" bumper cwt.			
	Radius		Angle	Boom Pt. Height ^①		360°		Rear		Straight Over Rear		360°		Rear		360°		Rear		360°	
	feet	meters	degree	feet	meters	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg	pounds	kg
270' (82.30 m)	180	54.86	49.1	212.1	64.65	↑		↑		↑		↑		↑		5,000*	2 268*	10,300	4 672		
	190	57.91	46.2	203.0	61.87																
	200	60.96	43.2	192.9	58.80																
	210	64.01	40.0	181.6	55.35																
	220	67.06	36.6	169.0	51.51																
	230	70.10	32.9	154.5	47.09																
	240	73.15	28.7	137.8	42.00																
	250	76.20	24.0	117.6	35.84																
	260	79.25	18.0	91.6	27.92																
	270	82.30	8.9	49.9	15.21																
280' (85.34 m)	43	13.11	81.8	285.1	86.90	↓		↓		↓		↓		↓		39,000*	17 690*	39,000*	17 690*		
	50	15.24	80.4	284.0	86.56																
	60	18.29	78.3	282.1	85.98																
	70	21.34	76.2	279.9	85.31																
	80	24.38	74.1	277.2	84.49																
	90	27.43	72.0	274.2	83.58																
	100	30.48	69.8	270.7	82.51																
	110	33.53	67.6	266.8	81.32																
	120	36.58	65.4	262.4	79.98																
	130	39.62	63.1	257.6	78.52																
	140	42.67	60.8	252.3	76.90																
	150	45.72	58.4	246.4	75.10																
	160	48.77	56.0	240.0	73.15																
	170	51.82	53.5	232.9	70.99																
	180	54.86	50.9	225.1	68.61																
	190	57.91	48.2	216.6	66.02																
	200	60.96	45.4	207.2	63.15																
	210	64.01	42.4	196.8	59.98																
	220	67.06	39.3	185.2	56.45																
	230	70.10	35.9	172.2	52.49																
	240	73.15	32.3	157.5	48.01																
	250	76.20	28.2	140.3	42.76																
	260	79.25	23.5	119.7	36.48																
	270	82.30	17.7	93.1	28.38																
	280	85.34	8.8	50.7	15.45																

① Measured vertically from center of boom head sheave to ground.

Lifting Crane Notes:

- Capacities shown are in pounds (*kilograms*) and are not more than 85% of the tipping loads on outriggers or 75% of the tipping loads on tires with machine standing level on firm supporting surface.
- * Indicates these capacities are based on factors other than those which would cause a tipping condition.
- For recommended reeving, parts of line, wire rope type and wire rope inspection, see plate no. C4P0013.
- Do not lift or suspend a load from the boom tip extension or jib and main boom at the same time.
- The least stable rated condition is over the side.
- For machines equipped with load weighing devices, deduct 200 lbs. (91 kg) for the weight of the equipment.
- Boom midpoint suspension required for boom lengths exceeding 240' (73.15 m).
- These capacities apply only to the machine as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

Link-Belt Construction Equipment Company

P.O. 13600

2651 Palumbo Drive

Lexington, Kentucky 40583-3600

Boom - tube: 80" (2.03 m) wide and
68" (1.73 m) deep with open throat top section.

Jib - tube: 32" (.81 m) wide,
24" (.61 m) deep.

Mounting - Link-Belt carrier:
8 x 4 drive, 282" (7.16 m) wheelbase 11' 0"
(3.35 m) wide.

Counterweights:
Upper cwt. "ABC": 63,440 lbs. (28 776 kg)
Bumper cwt. "A": 13,500 lbs. (6 124 kg)
Bumper cwt. "AB": 25,000 lbs. (11 340 kg)

Litho in U.S.A. 11/93

- 1 -

#6191 (supersedes #6187)

Boom Length Jib Radius	Lifting Capacities - Tubular Jib - Open Throat Boom																							
	30' jib			40' jib			50' jib			60' jib			70' jib			80' jib			90' jib			100' jib		
	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
50' Boom	18	40,000*																						
	19	40,000*																						
	20	40,000*				36,000*																		
	25	40,000*	40,000*			36,000*			32,000*			26,900*												
	30	40,000*	40,000*	40,000*		36,000*	35,600*		32,000*			26,700*		21,700*			17,900*							
	35	40,000*	40,000*	40,000*		36,000*	35,200*	34,600*	32,000*	31,200*		26,500*	26,000*	21,300*			17,500*		13,700*			9,800*		
	40	40,000*	40,000*	40,000*		35,500*	34,800*	32,300*	31,800*	30,500*	27,400*	26,300*	25,400*	21,000*	20,200*		17,200*		13,400*			9,500*		
	50	40,000*	40,000*	34,500*	34,600*	34,300*	27,700*	30,300*	29,200*	23,500*	25,300*	24,200*	22,300*	19,300*	19,100*	18,200*	17,100*	15,600*	14,700*	14,100*	12,000*	11,200*	10,400*	8,400*
	60	39,800*	35,700*	30,600*	34,200*	29,900*	24,400*	29,100*	25,400*	22,300*	24,000*	22,300*	19,300*	19,100*	18,200*	17,100*	15,600*	14,700*	14,100*	12,000*	11,200*	10,400*	8,400*	8,000*
	70	33,900*	31,500*		29,200*	26,300*	22,600*	26,200*	22,500*	19,800*	23,200*	21,000*	17,100*	18,100*	17,400*	15,000*	14,600*	14,100*	13,500*	13,900*	12,800*	10,900*	10,400*	10,100*
	80				25,500*	23,600*		22,800*	21,300*	17,900*	22,000*	18,500*	15,400*	16,200*	14,700*	12,200*	13,300*	12,800*	10,900*	10,000*	9,700*	9,500*	7,200*	7,000*
	90							21,600*	19,300*			19,300*	16,600*	14,000*			15,000*	13,300*	11,300*	12,600*	11,900*	9,900*	9,700*	9,400*
	100										17,300*	15,200*				15,000*	13,300*	11,300*	12,600*	11,900*	9,900*	9,700*	9,400*	8,900*
	110													14,000*	12,300*			11,900*	10,900*	9,200*	9,300*	9,000*	8,100*	6,500*
	120																11,400*	10,100*		8,800*	8,300*	7,600*	6,200*	5,900*
	130																		8,000*	7,500*		5,500*	5,000*	4,400*
	140																					4,500*	4,000*	
80' Boom	25	40,000*				36,000*																		
	30	40,000*	40,000*			36,000*			32,000*			26,900*												
	35	40,000*	40,000*	40,000*		36,000*	35,700*		32,000*	31,900*		26,700*			21,700*			17,800*		13,900*				
	40	40,000*	40,000*	40,000*		36,000*	35,300*	34,600*	32,000*	31,300*		26,600*	26,000*		21,400*			17,600*		13,700*			9,800*	
	50	40,000*	40,000*	39,000*		35,600*	34,700*	31,000*	31,800*	30,200*	25,600*	26,200*	25,000*	22,400*	20,800*	19,800*		17,000*	16,200*		13,200*	12,400*		9,300*
	60	40,000*	40,000*	35,500*		34,900*	34,400*	27,700*	30,600*	29,200*	22,900*	25,400*	24,100*	21,200*	20,100*	19,000*	18,000*	16,500*	15,400*	14,400*	12,700*	11,700*		8,800*
	70	40,000*	39,000*	32,400*		34,500*	31,700*	25,200*	29,400*	26,300*	22,500*	24,400*	22,600*	19,000*	19,300*	18,200*	16,500*	15,700*	14,600*	13,900*	12,000*	11,000*	10,300*	8,400*
	80	35,100	35,100*	30,000*		33,100*	28,500*	23,200*	28,800*	23,600*	20,600*	23,600*	21,900*	17,300*	18,500*	17,600*	15,000*	14,900*	14,100*	13,200*	11,300*	10,400*	10,000*	8,000*
	90	29,800	30,000			29,400*	26,000*	22,500*	25,600*	22,500*	19,000*	22,500*	19,800*	15,900*	17,700*	16,800*	13,700*	14,200*	13,600*	12,000*	10,500*	10,100*	9,800*	7,700*
	100	25,700				26,100	24,000*		23,100*	21,300*	17,700*	21,800*	18,100*	14,800*	17,000*	15,700*	12,700*	13,800*	13,100*	11,100*	10,200*	9,900*	9,500*	7,400*
	110					22,800			22,500*	19,700*		19,700*	16,600*	13,900*	16,200*	14,400*	11,900*	13,200*	12,600*	10,300*	9,900*	9,600*	9,100*	7,100*
	120								20,500			18,000*	15,500*		15,300*	13,400*	11,100*	12,700*	11,800*	9,600*	9,600*	9,300*	8,500*	6,800*
	130											16,600*			14,500*	12,500*		12,100*	11,000*	9,100*	9,300*	8,900*	7,900*	6,500*
	140													13,500*				11,600*	10,300*		9,000*	8,400*	7,500*	6,200*
	150																	11,100*			8,400*	7,800*		5,800*
	160																			7,700*				5,100*
	170																							4,200*

Refer to notes on page 6.

HC-248H Tubular Jib Capacities - Open Throat Boom

Refer to notes on page 6.

Boom Length	Jib Radius	Lifting Capacities - Tubular Jib - Open Throat Boom																							
		30' jib			40' jib			50' jib			60' jib			70' jib			80' jib			90' jib			100' jib		
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
100' Boom	25	40,000*																							
	30	40,000*	40,000*		36,000*			32,000*																	
	35	40,000*	40,000*	40,000*	36,000*	35,900*		32,000*			26,800*			21,900*											
	40	40,000*	40,000*	40,000*	36,000*	35,600*	36,600*	32,000*			26,700*			21,600*			17,700*			13,800*					
	50	40,000*	40,000*	40,000*	36,000*	35,000*	32,600*	32,000*	31,700*	26,600*	26,400*			21,100*	20,100*		17,300*	16,400*		13,400*			9,500*		
	60	40,000*	40,000*	38,100*	35,400*	34,600*	29,400*	31,400*	30,700*	24,000*	26,000*	25,400*	22,200*	20,600*	19,400*	18,200*	16,800*	15,700*		12,900*	12,000*		9,100*	8,300*	
	70	40,000*	40,000*	34,900*	34,800*	34,300*	26,900*	30,400*	29,700*	22,400*	25,200*	24,600*	20,100*	19,900*	18,700*	17,300*	16,200*	15,000*	14,100*	12,500*	11,400*	10,400*	8,600*	8,000*	
	80	34,600	34,900	32,300*	34,500*	31,500*	24,900*	29,400*	28,600*	22,000*	24,300*	23,800*	18,400*	19,200*	18,000*	15,800*	15,500*	14,400*	13,700*	11,800*	10,700*	10,100*	8,300*	7,700*	7,300*
	90	29,300	29,600	29,800	29,600	28,700*	23,200*	28,900*	25,800*	20,400*	23,600*	22,400*	17,000*	18,400*	17,400*	14,500*	14,800*	14,000*	12,700*	11,200*	10,300*	9,900*	8,000*	7,400*	7,100*
	100	25,200	25,400	25,600	25,500	25,800	22,500*	25,700	23,500*	19,000*	22,800*	21,700*	15,800*	17,800*	16,800*	13,500*	14,200*	13,600*	11,700*	10,500*	10,100*	9,700*	7,600*	7,200*	6,800*
	110	22,100	22,200		22,400	22,500	22,500*	22,500	22,400*	17,900*	21,100*	19,800*	14,800*	17,100*	15,800*	12,600*	13,800*	13,100*	10,900*	10,200*	9,800*	9,400*	7,400*	7,000*	6,600*
	120	19,400			19,700	19,900		20,000	21,800*	17,000*	19,700*	18,300*	14,000*	16,400*	14,600*	11,900*	13,400*	12,700*	10,300*	10,000*	9,600*	9,000*	7,100*	6,800*	6,400*
	130				17,500			17,700	20,200		18,000	17,000*	13,400*	15,700*	13,700*	11,300*	12,900*	11,900*	9,700*	9,700*	9,300*	8,400*	6,900*	6,500*	6,100*
	140							15,800	17,900		16,000	15,900*		14,700*	12,900*	10,800*	12,400*	11,200*	9,200*	9,400*	9,000*	8,000*	6,600*	6,300*	5,800*
	150										14,400	15,100*		13,900*	12,200*		11,900*	10,600*	8,800*	9,100*	8,600*	7,600*	6,400*	6,000*	5,200*
	160													13,100*			11,300*	10,000*		8,700*	8,100*	6,800*	6,100*	5,400*	4,600*
	170																10,700*			8,200*	7,600*		5,500*	4,800*	
	180																			7,500*			4,800*	4,000*	
	190																						4,000*		
120' Boom	30	40,000*			36,000*																				
	35	40,000*	40,000*		36,000*			32,000*			26,900*														
	40	40,000*	40,000*	40,000*	36,000*	35,800*		32,000*	31,900*		26,800*			21,800*			17,900*								
	50	40,000*	40,000*	40,000*	36,000*	35,300*	33,900*	32,000*	31,100*	27,500*	26,500*			21,300*	20,300*		17,400*			13,600*			9,700*		
	60	40,000*	40,000*	40,000*	35,800*	34,800*	30,800*	32,000*	30,200*	25,000*	26,300*	25,700*	22,300*	20,800*	19,700*	18,400*	17,000*	16,000*		13,100*	12,200*		9,300*	8,400*	
	70	40,000*	40,000*	37,100*	35,300*	34,500*	28,400*	31,100*	29,400*	22,900*	25,700*	25,000*	21,000*	20,400*	19,000*	17,900*	16,600*	15,400*	14,200*	12,700*	11,600*	10,400*	8,900*	8,200*	
	80	34,000	34,400	34,400*	34,300	34,200*	26,300*	30,200*	27,800*	22,400*	25,000*	24,200*	19,300*	19,700*	18,400*	16,500*	16,000*	14,700*	13,900*	12,200*	11,000*	10,200*	8,500*	7,900*	7,400*
	90	28,700	29,000	29,300	29,000	29,400	24,600*	29,300	25,400*	21,600*	24,200*	23,400*	17,900*	19,100*	17,900*	15,300*	15,400*	14,300*	13,200*	11,600*	10,500*	10,000*	8,200*	7,600*	7,200*
	100	24,600	24,900	25,100	24,900	25,200	23,200*	25,100	23,500*	20,200*	23,600*	22,300*	16,700*	18,400*	17,300*	14,200*	14,700*	13,900*	12,300*	11,100*	10,200*	9,800*	7,900*	7,400*	7,000*
	110	21,500	21,700	21,900	21,800	22,100	22,400	22,100	22,400	19,100*	21,300*	21,400*	15,700*	17,800*	16,800*	13,300*	14,200*	13,500*	11,500*	10,400*	10,000*	9,600*	7,600*	7,200*	6,800*
	120	18,800	19,000		19,100	19,400	19,600	19,400	19,700	18,100*	19,600	19,800*	14,900*	17,000*	15,800*	12,600*	13,900*	13,100*	10,800*	10,200*	9,800*	9,400*	7,400*	7,000*	6,500*
	130	16,600	16,700		16,900	17,100		17,200	17,400	17,200*	17,400	18,500*	14,200*	15,800*	14,800*	11,900*	13,400*	12,700*	10,200*	10,000*	9,600*	8,700*	7,100*	6,700*	6,300*
	140	14,700			15,000	15,100		15,200	15,500		15,500	17,300*	13,500*	14,800*	13,900*	11,400*	12,800*	12,100*	9,700*	9,800*	9,400*	7,900*	6,900*	6,500*	6,100*
	150				13,400			13,600	13,800		13,800	15,700		13,800*	13,000*	10,900*	12,000*	11,400*	9,000*	9,500*	9,100*	7,100*	6,700*	6,300*	5,700*
	160							12,200			12,400	14,100		12,600	12,500*		11,200*	10,800*	8,200*	9,300*	8,800*	6,500*	6,500*	6,000*	5,200*
	170										11,200			11,300			10,500*	10,000*		9,000*	8,400*	5,900*	6,200*	5,600*	4,800*
	180													10,200			9,900*			8,500*	7,900*		5,900*	5,100*	4,200*
	190																			8,000*			5,300*	4,500*	
																							4,600*		

Boom Length	Jib Radius	Lifting Capacities - Tubular Jib - Open Throat Boom																							
		30' jib			40' jib			50' jib			60' jib			70' jib			80' jib			90' jib			100' jib		
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
140' Boom	30	40,000*																							
	35	40,000*	40,000*		36,000*			32,000*																	
	40	40,000*	40,000*	40,000*	36,000*	35,900*		32,000*			26,900*			21,900*											
	50	40,000*	40,000*	40,000*	36,000*	35,500*	34,600*	32,000*	31,400*		26,600*	25,900*		21,500*			17,600*			13,700*			9,800*		
	60	40,000*	40,000*	40,000*	36,000*	35,000*	32,000*	32,000*	30,600*	25,800*	26,400*	25,300*	22,300*	21,100*	19,900*		17,200*	16,100*		13,300*	12,400*		9,400*		
	70	40,000*	40,000*	39,000*	35,600*	34,600*	29,600*	31,700*	29,800*	23,800*	26,200*	24,600*	21,700*	20,600*	19,300*	18,000*	16,800*	15,600*	14,300*	12,900*	11,800*		9,100*	8,300*	
	80	33,400	33,900	34,300	33,700	34,300	27,600*	30,900*	29,200*	22,100*	25,500*	23,900*	20,100*	20,100*	18,800*	17,100*	16,400*	15,100*	14,000*	12,500*	11,300*	10,300*	8,700*	8,000*	7,400*
	90	28,100	28,500	28,800	28,400	28,900	25,900*	28,600	27,100*	22,300*	24,900*	22,700*	18,700*	19,600*	18,200*	15,900*	15,800*	14,500*	13,700*	12,100*	10,800*	10,100*	8,400*	7,800*	7,200*
	100	24,000	24,300	24,600	24,300	24,700	24,400*	24,500	25,000	21,300*	24,000*	22,200*	17,600*	19,000*	17,800*	14,800*	15,200*	14,200*	12,800*	11,500*	10,400*	9,900*	8,100*	7,500*	7,100*
	110	21,000	21,200	21,400	21,300	21,600	21,900	21,500	22,000	20,100*	21,300*	20,700*	16,500*	18,400*	17,300*	14,000*	14,700*	13,800*	12,000*	11,000*	10,200*	9,700*	7,800*	7,300*	6,900*
	120	18,300	18,500	18,600	18,500	18,800	19,100	18,800	19,200	19,100*	19,000	19,300*	15,700*	17,100*	16,600*	13,200*	14,200*	13,500*	11,300*	10,400*	10,000*	9,200*	7,600*	7,100*	6,700*
	130	16,000	16,200	16,300	16,300	16,600	16,800	16,500	16,900	17,200	16,700	17,100	14,900*	15,800*	15,500*	12,500*	13,800*	13,100*	10,300*	10,200*	9,800*	8,400*	7,300*	6,900*	6,500*
	140	14,100	14,300		14,400	14,600	14,800	14,600	14,900	15,200	14,800	15,200	14,200*	14,700*	14,500*	11,700*	12,800*	12,600*	9,400*	10,000*	9,600*	7,400*	7,200*	6,700*	6,000*
	150	12,500			12,800	12,900		13,000	13,200	13,400	13,200	13,500	13,700*	13,400	13,500*	10,700*	11,900*	11,800*	8,300*	9,800*	9,400*	6,700*	7,000*	6,500*	5,500*
	160	11,100			11,300			11,600	11,800		11,800	12,000	12,200	12,000	12,300	9,700*	11,100*	11,000*	7,600*	9,600*	8,900*	6,100*	6,800*	6,300*	4,900*
	170							10,300			10,500	10,800		10,700	11,000		10,400*	10,300*	7,000*	9,100*	8,200*	5,600*	6,500*	6,100*	4,500*
	180										9,500			9,600	9,800		9,800	9,600*		8,500*	7,600*	5,100*	6,300*	5,800*	4,100*
	190													8,700			8,800	8,700*		8,000*	7,000*		6,100*	5,300*	3,700*
	200																7,900			7,600*	6,400*		5,600*	4,800*	
	210																			7,200*			5,100*	4,200*	
	220																						4,400*		
160' Boom	35	40,000*			36,000*																				
	40	40,000*	40,000*		36,000*			32,000*																	
	50	40,000*	40,000*	40,000*	36,000*	35,600*	34,600*	32,000*	31,600*		26,100*		21,600*				17,700*			13,800*			9,900*		
	60	40,000*	40,000*	40,000*	36,000*	35,200*	33,000*	32,000*	30,900*	26,500*	26,900*	25,500*	22,000*	21,300*	20,100*		17,400*	16,300*		13,500*			9,600*		
	70	40,000*	40,000*	40,000*	35,900*	34,900*	30,700*	32,000*	30,200*	24,500*	26,700*	24,900*	22,200*	20,900*	19,600*	18,200*	17,000*	15,800*	14,400*	13,100*	12,000*		9,200*	8,300*	
	80	32,800	33,300	33,800	33,100	33,800	28,700*	31,400*	29,500*	22,900*	26,500*	24,300*	20,800*	20,500*	19,100*	17,600*	16,600*	15,300*	14,100*	12,800*	11,500*	10,400*	8,900*	8,100*	
	90	27,500	27,900	28,300	27,800	28,300	27,000*	28,000	28,700	22,300*	26,300*	23,800*	19,400*	20,000*	18,500*	16,400*	16,200*	14,800*	13,900*	12,400*	11,100*	10,200*	8,500*	7,900*	
	100	23,300	23,700	24,000	23,600	24,100	24,500	23,900	24,500	22,300*	26,000*	22,200*	18,300*	19,400*	18,100*	15,400*	15,700*	14,400*	13,200*	11,900*	10,600*	10,000*	8,300*	7,600*	7,300*
	110	20,300	20,600	20,900	20,600	21,000	21,400	20,900	21,400	21,100*	25,400*	20,600*	17,300*	18,400*	17,600*	14,500*	15,200*	14,100*	12,200*	11,400*	10,300*	9,900*	8,000*	7,400*	7,100*
	120	17,600	17,900	18,100	17,900	18,300	18,600	18,200	18,600	19,000	23,800*	18,900	16,400*	17,000*	16,500*	13,800*	14,600*	13,800*	10,900*	10,900*	10,100*	8,800*	7,800*	7,200*	7,000*
	130	15,400	15,600	15,800	15,700	16,000	16,200	15,900	16,300	16,600	21,100	16,600	15,500*	15,800*	15,400*	12,300*	13,700*	13,400*	9,700*	10,400*	10,000*	7,900*	7,600*	7,100*	6,800*
	140	13,500	13,700	13,800	13,800	14,000	14,200	14,000	14,300	14,600	18,400	14,600	14,000*	14,400	14,400*	11,100*	12,700*	12,500*	8,800*	10,200*	9,800*	7,000*	7,300*	6,900*	6,500*
	150	11,900	12,000		12,100	12,400	12,500	12,400	12,700	12,900	16,100	12,900	12,800*	12,700	13,200	10,100*	11,900*	11,400*	7,800*	10,100*	9,200*	6,300*	7,200*	6,700*	5,700*
	160	10,500	10,600		10,700	10,900		10,900	11,200	11,400	14,200	11,500	11,500*	11,300	11,700	8,900*	11,100*	10,600*	7,100*	9,700*	8,400*	5,700*	7,000*	6,500*	5,200*
	170	9,200			9,500	9,600		9,700	9,900		12,600	10,200	10,400	10,100	10,400	8,100*	10,200	9,600*	6,500*	8,100*	7,800*	5,200*	6,800*	6,300*	4,700*
	180				8,400			8,600	8,800		11,100	9,000		9,000	9,300	7,300*	9,100	8,800*	6,000*	8,500*	7,100*	4,700*	6,600*	5,800*	4,200*
	190							7,600			9,900	8,000		8,000	8,200		8,100	8,200*	5,300*	8,000*	6,500*	4,300*	6,400*	5,300*	3,800*
	200										8,800			7,100	7,300		7,300	7,500		7,400	6,100*	3,900*	6,200*	4,900*	3,400*
	210										7,800			6,300			6,500	6,700		6,600	5,500*		5,900*	4,500*	3,200*
	220										7,000						5,800			5,900	5,200*		5,400*	4,200*	2,900*
	230																		5,300				4,900*	3,900*	
	240																						4,300*		

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Refer to notes on page 6.

HC-248H Tubular Jib Capacities - Open Throat Boom

Refer to notes on page 6.

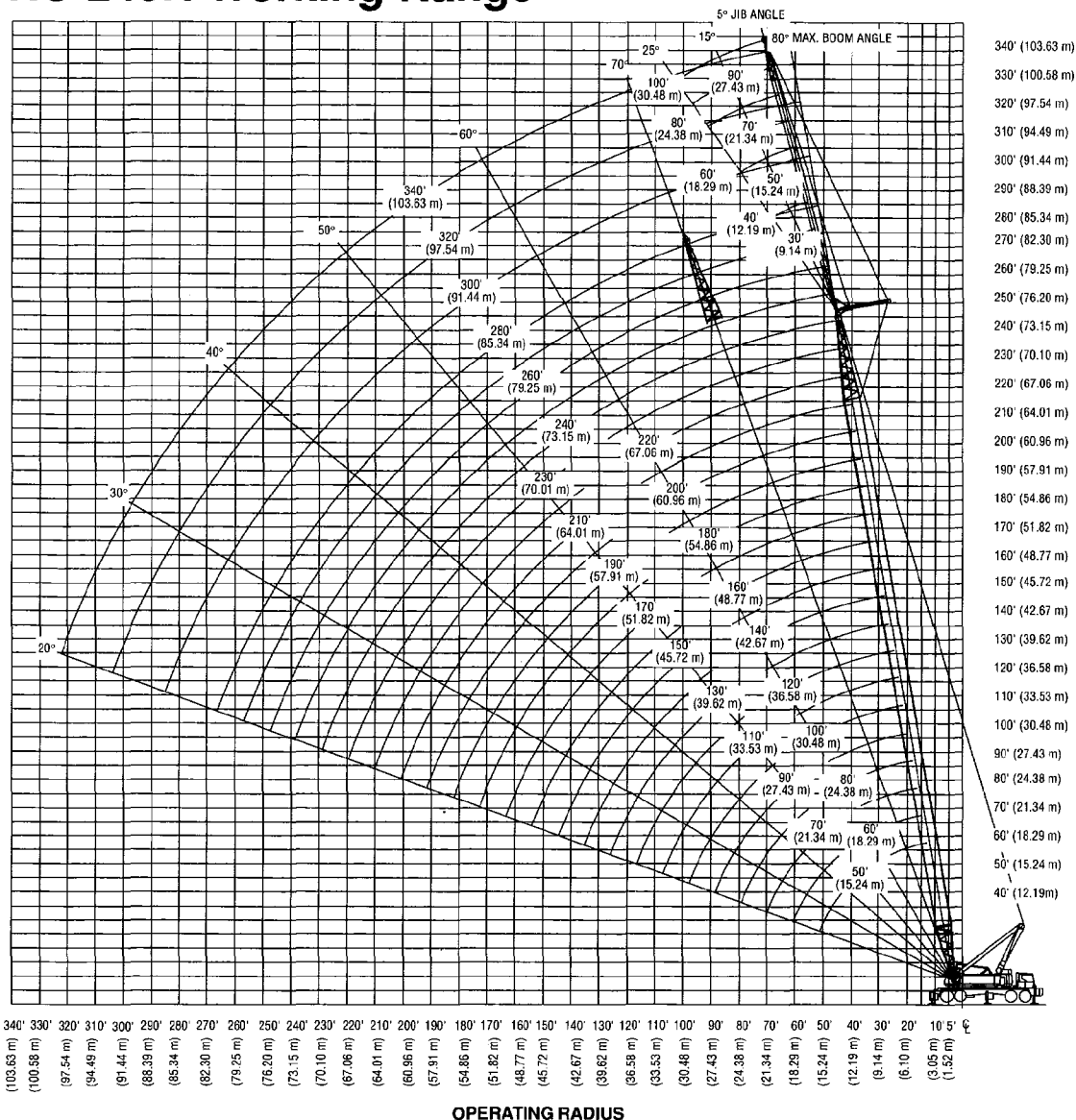
Boom Length	Jib Radius	Lifting Capacities - Tubular Jib - Open Throat Boom																							
		30' jib			40' jib			50' jib			60' jib			70' jib			80' jib			90' jib			100' jib		
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
180' Boom	40	40,000*			36,000*			32,000*																	
	50	40,000*	40,000*	40,000*	36,000*	35,800*		32,000*	31,800*		26,800*			21,800*			17,800*			13,900*					
	60	40,000*	40,000*	40,000*	36,000*	35,400*	33,900*	32,000*	31,200*	27,000*	26,600*	25,700*		21,400*	20,300*		17,500*	16,400*		13,600*			9,700*		
	70	39,400	40,000*	40,000*	36,000*	35,100*	31,600*	32,000*	30,600*	25,200*	26,400*	25,200*	22,200*	21,100*	19,800*	18,300*	17,200*	16,000*		13,300*	12,200*		9,400*	8,400*	
	80	32,200	32,800	33,300	32,500	33,300	29,700*	31,900*	29,900*	23,600*	26,200*	24,600*	21,400*	20,700*	19,300*	17,900*	16,800*	15,500*	14,200*	12,900*	11,700*	10,400*	9,000*	8,200*	
	90	26,800	27,300	27,700	27,100	27,800	28,000*	27,400	28,200	22,200*	25,500*	24,100*	20,100*	20,300*	18,800*	16,900*	16,500*	15,100*	14,000*	12,600*	11,300*	10,300*	8,700*	8,000*	7,300*
	100	22,700	23,100	23,400	23,000	23,500	24,000	23,200	23,900	22,200*	23,400	22,600*	18,900*	19,700*	18,400*	15,900*	16,000*	14,600*	12,900*	12,200*	10,800*	10,100*	8,400*	7,800*	7,200*
	110	19,700	20,100	20,400	20,000	20,500	20,900	20,300	20,800	21,400	20,500	20,300*	17,800*	18,200*	17,600*	14,400*	15,600*	14,300*	11,400*	11,800*	10,400*	9,400*	8,200*	7,500*	7,000*
	120	17,000	17,300	17,600	17,300	17,700	18,100	17,500	18,000	18,500	17,800	18,400	15,900*	16,800*	16,300*	12,800*	14,700*	14,000*	10,200*	11,300*	10,300*	8,400*	8,000*	7,400*	6,900*
	130	14,800	15,000	15,200	15,000	15,400	15,700	15,300	15,700	16,100	15,500	16,000	14,400*	15,600*	15,200*	11,400*	13,600*	12,800*	9,200*	10,800*	10,100*	7,500*	7,800*	7,200*	6,200*
	140	12,800	13,100	13,300	13,100	13,400	13,700	13,400	13,700	14,100	13,600	14,000	12,800*	13,700	14,200*	10,300*	12,600*	11,700*	8,300*	10,400*	9,500*	6,700*	7,500*	7,000*	5,400*
	150	11,200	11,400	11,600	11,500	11,800	12,000	11,700	12,100	12,400	11,900	12,300	11,500*	12,100	12,600	9,200*	11,800*	10,700*	7,300*	10,200*	8,800*	6,000*	7,300*	6,900*	4,800*
	160	9,800	10,000	10,100	10,100	10,300	10,500	10,300	10,600	10,900	10,500	10,800	10,500*	10,700	11,100	8,300*	10,800*	9,700*	6,600*	9,600*	7,900*	5,400*	7,200*	6,500*	4,400*
	170	8,600	8,700		8,800	9,000		9,000	9,300	9,500	9,200	9,600	9,500*	9,400	9,800	7,500*	9,600	8,900*	6,000*	9,000*	7,200*	4,800*	7,000*	5,900*	3,900*
	180	7,500	7,600		7,700	7,900		8,000	8,200		8,100	8,400	8,700	8,300	8,700	6,800*	8,500	8,100*	5,400*	8,400*	6,700*	4,300*	6,800*	5,400*	3,600*
	190	6,500			6,800	6,900		7,000	7,200		7,200	7,400		7,300	7,700	6,200*	7,500	7,500*	4,900*	7,600	6,000*	4,000*	6,700*	4,900*	3,200*
	200				5,900			6,100			6,300	6,500		6,500	6,700		6,600	6,900	4,500*	6,700	5,600*	3,600*	6,200*	4,600*	3,000*
	210							5,300			5,500			5,700	5,900		5,800	6,100		6,000	5,100*	3,300*	5,600*	4,200*	2,700*
	220										4,800			5,000			5,100	5,400		5,200	4,800*		5,300	3,900*	2,500*
	230													4,300			4,500			4,600	4,400*		4,700	3,600*	
	240																3,900			4,000			4,100	3,300*	
	250																			3,500			3,600		
	260																						3,100		
200' Boom	40	40,000*																							
	50	40,000*	40,000*	40,000*	36,000*	35,900*		32,000*			26,900*			21,900*			17,900*								
	60	40,000*	40,000*	40,000*	36,000*	35,500*	34,600*	32,000*	31,400*	27,500*	26,700*	25,900*		21,500*	20,400*		17,600*			13,700*			9,800*		
	70	38,800	39,500	40,000*	36,000*	35,200*	32,500*	32,000*	30,800*	25,800*	26,500*	25,400*	22,100*	21,200*	20,000*	18,400*	17,300*	16,100*		13,400*	12,300*		9,500*		
	80	31,600	32,200	32,800	31,900	32,700	30,500*	31,800*	30,200*	24,200*	26,300*	24,900*	22,000*	20,900*	19,500*	18,100*	17,000*	15,700*	14,300*	13,100*	11,900*		9,200*	8,300*	
	90	26,200	26,700	27,200	26,500	27,200	27,800	26,800	27,600	22,900*	25,000*	24,000*	20,600*	20,600*	19,100*	16,900*	16,700*	15,300*	13,700*	12,800*	11,500*	10,300*	8,900*	8,100*	7,400*
	100	22,000	22,500	22,900	22,300	22,900	23,500	22,600	23,300	21,700*	22,800	22,200*	18,200*	19,400*	18,600*	14,900*	16,300*	14,900*	12,200*	12,500*	11,100*	10,100*	8,600*	7,900*	7,300*
	110	19,100	19,500	19,800	19,400	19,900	20,400	19,600	20,300	20,200*	19,900	19,900*	16,200*	17,900*	17,300*	13,200*	15,700*	14,400*	10,800*	12,100*	10,700*	8,800*	8,300*	7,700*	7,100*
	120	16,400	16,700	17,000	16,600	17,100	17,500	16,900	17,500	18,000	17,100	17,800	14,600*	16,600*	16,100*	11,900*	14,500*	13,200*	9,600*	11,600*	10,400*	7,900*	8,100*	7,500*	6,600*
	130	14,100	14,400	14,700	14,400	14,800	15,100	14,600	15,100	15,600	14,800	15,400	12,900*	15,000	14,500*	10,600*	13,400*	11,800*	8,600*	11,200*	9,900*	7,000*	7,900*	7,300*	5,800*
	140	12,200	12,500	12,700	12,500	12,800	13,100	12,700	13,100	13,600	12,900	13,500	11,700*	13,100	13,100*	9,400*	12,500*	10,800*	7,600*	10,800*	8,900*	6,200*	7,700*	7,200*	5,100*
	150	10,600	10,800	11,000	10,800	11,100	11,400	11,100	11,500	11,800	11,300	11,700	10,400*	11,400	11,800*	8,400*	11,600	9,800*	6,800*	10,200*	8,200*	5,600*	7,500*	6,600*	4,500*
	160	9,100	9,300	9,500	9,400	9,700	9,900	9,600	10,000	10,300	9,800	10,300	9,400*	10,000	10,500	7,600*	10,200	9,000*	6,100*	9,500*	7,400*	5,000*	7,300*	6,100*	4,100*
	170	7,900	8,100	8,200	8,200	8,400	8,600	8,400	8,700	9,000	8,600	9,000	8,500*	8,800	9,200	6,800*	8,900	8,200*	5,500*	8,700*	6,800*	4,500*	7,200*	5,600*	3,700*
	180	6,800	7,000		7,100	7,300	7,400	7,300	7,600	7,800	7,500	7,800	7,700*	7,700	8,100	6,200*	7,800	7,500*	5,000*	7,900	6,100*	4,100*	6,700*	5,000*	3,300*
	190	5,900	6,000		6,100	6,300		6,300	6,600	6,800	6,500	6,800	7,100	6,700	7,000	5,600*	6,800	6,800*	4,600*	7,000	5,600*	3,700*	6,100*	4,500*	3,000*
	200	5,000			5,200	5,400		5,400	5,700		5,600	5,900	6,100	5,800	6,100	5,100*	5,900	6,200*	4,100*	6,100	5,100*	3,300*	5,800*	4,200*	2,700*
	210	4,200			4,400			4,700	4,800		4,800	5,100		5,000	5,300	4,700*	5,200	5,500	3,700*	4,700*	5,300	3,100*	5,300*	3,900*	2,400*
	220				3,700			4,000			4,100	4,300		4,300	4,600		4,400	4,700	3,500*	4,600	4,300*	2,700*	4,700	3,500*	2,200*
	230							3,300			3,500			3,700	3,900		3,800	4,100		3,900	4,000*	2,600*	4,000	3,300*	2,000*
	240										2,900			3,100			3,200	3,400		3,300	3,600		3,400	3,000*	
	250													2,500			2,700			2,800	3,000		2,900	2,800*	
	260																2,200			2,300			2,400	2,700	

Boom Length	Jib Radius	Lifting Capacities - Tubular Jib - Open Throat Boom																							
		30' jib			40' jib			50' jib			60' jib			70' jib			80' jib			90' jib			100' jib		
		5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°	5°	15°	25°
220' Boom	50	40,000*	40,000*		36,000*	35,900*		32,000*			26,900*			21,900*											
	60	40,000*	40,000*	40,000*	36,000*	35,700*	34,600*	32,000*	31,600*		26,700*	26,000*		21,700*			17,700*			13,800*			9,900*		
	70	40,000*	40,000*	40,000*	36,000*	35,400*	33,200*	32,000*	31,100*	26,300*	26,600*	25,600*	21,500*	21,300*	20,100*		17,400*	16,300*		13,500*	12,400*		9,600*		
	80	34,500	35,100	35,800	34,800	34,700*	31,200*	30,700*	29,400*	24,700*	26,400*	25,100*	21,300*	21,000*	19,700*	17,700*	17,100*	15,900*	14,400*	13,200*	12,000*		9,300*	8,300*	
	90	28,600	29,200	29,700	28,900	29,700	27,900*	28,300*	27,200*	22,900*	24,300*	23,300*	18,800*	20,400*	19,300*	15,500*	16,800*	15,500*	12,800*	12,900*	11,700*	10,400*	9,000*	8,100*	7,400*
	100	24,100	24,600	25,000	24,400	25,000	24,800*	24,600	25,000*	19,900*	22,400*	20,900*	16,600*	18,900*	17,800*	13,800*	16,500*	15,000*	11,300*	12,700*	11,300*	9,400*	8,800*	8,000*	7,300*
	110	20,900	21,300	21,700	21,200	21,800	21,800	21,400	21,600*	17,800*	20,100*	18,600*	14,800*	17,500*	16,000*	12,200*	15,400*	13,600*	10,100*	12,300*	10,900*	8,400*	8,500*	7,800*	7,000*
	120	17,900	18,300	18,700	18,200	18,700	19,200	18,500	19,100	15,900*	18,700	16,900*	13,000*	16,300*	14,400*	10,800*	14,200*	12,100*	8,800*	11,900*	10,200*	7,400*	8,300*	7,600*	6,100*
	130	15,500	15,800	16,100	15,800	16,200	16,600	16,000	16,600	14,300*	16,200	15,300*	11,700*	15,100*	13,000*	9,500*	13,200*	11,000*	7,900*	11,400*	9,100*	6,600*	8,100*	7,400*	5,500*
	140	13,400	13,700	14,000	13,700	14,100	14,400	13,900	14,400	12,900*	14,100	13,800*	10,600*	14,000*	11,600*	8,500*	12,200*	9,800*	7,000*	10,500*	8,200*	5,900*	7,900*	7,000*	4,800*
	150	11,600	11,900	12,100	11,900	12,300	12,600	12,100	12,600	11,500*	12,300	12,500*	9,400*	12,500	10,600*	7,700*	11,200*	8,800*	6,300*	9,500*	7,500*	5,200*	7,700*	6,300*	4,300*
	160	10,100	10,300	10,500	10,300	10,700	10,900	10,600	11,000	10,400*	10,800	11,300	8,400*	11,000	9,600*	6,900*	10,200*	8,100*	5,700*	8,700*	6,800*	4,600*	7,400*	5,700*	3,800*
	170	8,800	9,000	9,100	9,000	9,300	9,500	9,200	9,600	9,400*	9,400	9,900	7,600*	9,600	8,800*	6,200*	9,300*	7,300*	5,100*	7,900*	6,200*	4,200*	6,700*	5,200*	3,400*
	180	7,600	7,700	7,900	7,800	8,100	8,300	8,000	8,400	8,600	8,200	8,600	6,900*	8,400	8,000*	5,600*	8,600	6,700*	4,500*	7,200*	5,600*	3,700*	6,200*	4,700*	3,100*
	190	6,500	6,700		6,800	7,000	7,200	7,000	7,300	7,500	7,200	7,500	6,300*	7,300	7,300*	5,000*	7,500	6,100*	4,100*	6,700*	5,000*	3,300*	5,700*	4,200*	2,700*
	200	5,600	5,700		5,800	6,000		6,000	6,300	6,500	6,200	6,500	5,700*	6,400	6,600*	4,600*	6,500	5,600*	3,700*	6,200*	4,600*	3,000*	5,200*	3,900*	2,500*
	210	4,700	4,900		5,000	5,100		5,200	5,400		5,400	5,700	5,300*	5,500	5,900	4,200*	5,700	5,100*	3,400*	5,600*	4,300*	2,700*	4,800*	3,500*	2,200*
	220	4,000			4,200	4,400		4,400	4,600		4,600	4,900		4,800	5,100	3,900*	4,900	4,700*	3,100*	5,000	3,900*	2,600*	4,400*	3,200*	2,000*
	230	3,300			3,500			3,700	3,900		3,900	4,100		4,100	4,300		4,200	4,300*	2,800*	4,300	3,600*	2,300*	4,100*	2,900*	
	240				2,900			3,100			3,300	3,500		3,400	3,700		3,600	3,900		3,700	3,300*	2,100*	3,800	2,700*	
	250							2,500			2,700			2,800	3,100		3,000	3,200		3,100	3,100*		3,200	2,600*	
	260										2,200			2,300			2,500	2,700		2,600	2,800		2,700	2,400*	
	270																2,000			2,100	2,300		2,200	2,200*	
240' Boom	50	40,000*	40,000*		36,000*			32,000*																	
	60	40,000*	40,000*	39,700*	36,000*	35,800*	34,600*	32,000*	31,800*		26,800*			21,700*			17,800*			13,900*			9,900*		
	70	39,000*	37,800*	35,400*	36,000*	34,200*	30,800*	31,700*	30,400*	26,400*	26,600*	25,700*	21,700*	21,500*	20,200*		17,500*	16,400*		13,600*			9,700*		
	80	33,800	34,000*	31,200*	32,500*	30,600*	27,300*	29,100*	27,000*	23,100*	25,300*	23,500*	19,300*	21,200*	19,700*	18,300*	17,300*	16,000*		13,300*	12,200*		9,400*	8,400*	
	90	27,900	28,600	27,700*	28,300	27,200*	24,000*	26,200*	24,000*	19,900*	23,300*	20,600*	17,100*	19,800*	17,900*	14,300*	17,000*	15,400*	12,000*	13,100*	11,800*	10,100*	9,200*	8,200*	
	100	23,400	23,900	24,400	23,700	24,400	20,700*	23,600*	21,000*	17,900*	20,800*	18,400*	15,000*	18,300*	15,900*	12,700*	16,100*	13,800*	10,600*	12,800*	11,500*	8,800*	8,900*	8,000*	7,300*
	110	20,200	20,700	21,100	20,500	21,200	18,600*	20,800	18,800*	15,700*	18,700*	16,500*	13,300*	16,600*	14,300*	11,200*	14,500*	12,300*	9,300*	12,500*	10,400*	7,900*	8,600*	7,900*	6,600*
	120	17,300	17,700	18,100	17,600	18,100	16,500*	17,800	17,000*	14,100*	16,900*	14,900*	11,700*	15,000*	12,800*	9,900*	13,200*	11,000*	8,300*	11,500*	9,400*	6,900*	8,400*	7,700*	5,800*
	130	14,800	15,200	15,500	15,100	15,600	15,000*	15,300	15,200*	12,500*	15,300*	13,400*	10,400*	13,700*	11,500*	8,700*	12,100*	9,900*	7,300*	10,300*	8,500*	6,100*	8,200*	7,200*	5,100*
	140	12,700	13,100	13,400	13,000	13,500	13,400*	13,200	13,800	11,300*	13,500	12,100*	9,500*	12,300*	10,400*	7,700*	10,900*	8,900*	6,400*	9,400*	7,600*	5,400*	8,000*	7,500*	4,400*
	150	11,000	11,300	11,500	11,200	11,600	12,000	11,500	12,000	10,200*	11,700	10,900*	8,400*	11,300*	9,300*	6,900*	9,800*	8,000*	5,800*	8,600*	6,800*	4,800*	7,400*	5,700*	4,000*
	160	9,400	9,700	9,900	9,700	10,000	10,300	9,900	10,400	9,200*	10,100	9,800*	7,500*	10,300	8,400*	6,200*	9,100*	7,200*	5,100*	7,800*	6,100*	4,200*	6,700*	5,200*	3,500*
	170	8,100	8,300	8,500	8,300	8,600	8,900	8,500	9,000	8,200*	8,700	8,900*	6,800*	8,900	7,600*	5,500*	8,200*	6,500*	4,600*	7,100*	5,500*	3,800*	6,100*	4,800*	3,100*
	180	6,900	7,100	7,300	7,100	7,400	7,700	7,400	7,700	7,500*	7,600	8,000	6,200*	7,700	6,900*	5,100*	7,500*	5,900*	4,100*	6,400*	5,100*	3,400*	5,500*	4,300*	2,800*
	190	5,800	6,000	6,200	6,100	6,300	6,500	6,300	6,600	6,800*	6,500	6,900	5,500*	6,700	6,300*	4,500*	6,800	5,400*	3,800*	5,900*	4,500*	3,100*	5,100*	3,800*	2,500*
	200	4,900	5,100	5,200	5,100	5,400	5,500	5,300	5,600	5,900	5,500	5,900	5,100*	5,700	5,700*	4,100*	5,900	4,800*	3,300*	5,400*	4,100*	2,800*	4,600*	3,500*	2,200*
	210	4,100	4,200		4,300	4,500	4,600	4,500	4,800	5,000	4,700	5,000	4,600*	4,900	5,300	3,800*	5,000	4,500*	3,000*	5,000*	3,800*	2,400*	4,200*	3,200*	2,000*
	220	3,300	3,400		3,500	3,700		3,700	4,000	4,200	3,900	4,200	4,200*	4,100	4,400	3,400*	4,200	4,100*	2,800*	4,400	3,500*	2,200*	3,900*	2,900*	
	230	2,600	2,700		2,800	3,000		3,000	3,200		3,200	3,500	3,700	3,400	3,700	3,100*	3,500	3,800*	2,500*	3,700	3,100*	2,000*	3,600*	2,700*	
	240	2,000			2,200			2,400	2,600		2,600	2,800		2,700	3,000		2,900	3,200	2,300*	3,000	2,900*		3,100	2,400*	
	250										2,000	2,200		2,200	2,400		2,300	2,600		2,400	2,700*		2,500	2,200*	
	260													2,900*			2,000			2,200			2,000	2,100*	

HC-248H Tubular Jib Capacities - Open Throat Boom

Refer to notes on page 6.

HC-248H Working Range



OPERATING RADIUS

Jib Capacity Notes:

- Capacities are shown in pounds and are the maximum allowable. Capacities are based on machine standing level on firm supporting surface under ideal job conditions. Capacities are not more than 85% of the tipping loads unless marked with an asterisk.
- Capacities are for 360° swing on five outrigger jacks.
- Capacities are limited to a Link-Belt 68" x 80" (1.73 x 2.03 m) open throat tubular boom, live mast and a Link-Belt 20-ton (18 t), 24" x 32" (.61 x .81 m) cross section jib with a 17' 10" (5.44 m) high jib strut properly assembled.
- Do not swing over side until all four outrigger beams are fully extended, all five jacks are extended, until all tires are clear of the ground and machine is properly leveled on a firm supporting surface.
- Two parts of 1" (25.4 mm) diameter type "N" or "RB" wire rope is required for maximum lift.
- Capacities are for 30' (9.14 m), 40' (12.19 m), 50' (15.24 m), 60' (18.29 m), 70' (21.34 m), 80' (24.38 m), 90' (27.43 m), and 100' (30.48 m) jib lengths only.
- A jib cannot be used on the open throat boom that is longer than 240' (73.15 m).
- The least stable condition is over the side.
- A deduction must be made from the jib capacities for weight of hook block, hook, sling, grapple, load weighing devices, etc.
- When using main hook, while jib is attached, reduce boom capacities by the following values:
 - 30' (9.14 m) jib - 2,600 lbs. (1 179 kg)
 - 40' (12.19 m) jib - 3,000 lbs. (1 361 kg)
 - 50' (15.24 m) jib - 3,400 lbs. (1 542 kg)
 - 60' (18.29 m) jib - 3,800 lbs. (1 724 kg)
 - 70' (21.34 m) jib - 4,200 lbs. (1 905 kg)
 - 80' (24.38 m) jib - 4,600 lbs. (2 087 kg)
 - 90' (27.43 m) jib - 5,000 lbs. (2 268 kg)
 - 100' (30.48 m) jib - 5,400 lbs. (2 449 kg)
- Refer to all notes on applicable lifting crane capacity chart in addition to these notes.
- Capacities apply only to the machine as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.

Link-Belt Construction Equipment Company

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We are constantly improving our products and therefore reserve the right to change designs and specifications.
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Link-Belt® HC-248H Luffing Crane Capacities

Refer to notes page 6

Luffing Boom — Tubular; 80" (2.03 m) wide, 68" (1.73 m) deep.

Fixed Jib — Tubular; 32" (.81 m) wide, 24" (.61m) deep.

Counterweights — Refer to chart below.

Luffing Jib — Tubular; 60" (1.52 m) wide, 50" (1.27 m) deep.

Mounting — Rubber tire mobile base; Link-Belt 8x4 drive, 282" (7.16 m) wheelbase, 11' 0" (3.35 m) wide.

Counterweights					
"ABC" Upper		"AB" Upper		"Auxiliary" Bumper ①	
lbs.	kgs.	lbs.	kgs.	lbs.	kgs.
63,440	28 775	25,000	11 300	10,000	4 536

① "Auxiliary" bumper counterweight used only with 170 -180 ft. (51.82 - 54.86 m) luffing booms.

Luffing boom and luffing jib + fixed jib machine can **lift off** ground unassisted, without load.

Standard HC-248H must be equipped with the counterweights listed below when the indicated luffing boom and luffing jib + fixed jib lengths are used.	Luffing boom and luffing jib + fixed jib lengths allowed	On Outriggers					
		Over Rear (folded or flat)					
		Luffing Boom		Luffing Jib		Fixed Jib	
		Feet	meters	Feet	meters	Feet	meters
Cwt. "ABC" + "AB"	Minimum	80	24.38	80	24.38	30	9.14
	Maximum	160	48.77	160	48.77	30	9.14
Cwt. "ABC" + "AB" + Auxiliary	Minimum	170	51.82	100	30.48	30	9.14
	Maximum	180	54.86	160	48.77	30	9.14

Machine **travel** ② with luffing boom and luffing jib + fixed jib, with no load.

Standard HC-248H must be equipped with the counterweights listed below when the indicated luffing boom and luffing jib + fixed jib lengths are used.	Luffing boom and luffing jib + fixed jib lengths allowed	On Tires ③			
		Jobsites moves at 1 mph (1.61 km/h) with luffing boom and luffing jib + fixed jib. ⑤			
		Luffing Boom		Luffing Jib + Fixed Jib	
		Feet	meters	Feet	meters
Cwt. "ABC" + "AB"	Minimum	80	24.38	80 + 30	24.38 + 9.14
	Maximum	160	48.77	160 + 30	48.77 + 9.14
Cwt. "ABC" + "AB" + Auxiliary ④	Minimum	170	51.82	100 + 30	30.48 + 9.14
	Maximum	180	54.86	160 + 30	48.77 + 9.14

② Remove fixed jib hook ball prior to traveling. Heavy duty pick and carry axles required.

③ For air pressure in front and rear tires refer to operator's manual or tire inflation chart on machine.

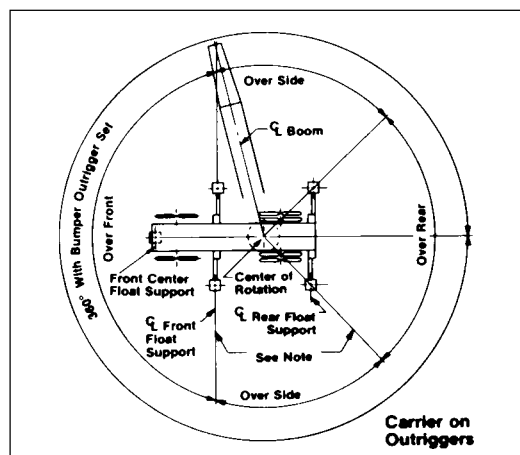
④ **Do not** remove 10,000 lb. (4 536 kg) "auxiliary" bumper counterweight for 170 - 180 ft. (51.82 - 54.86 m) luffing boom travel.

⑤ Refer to travel charts for luffing boom and luffing jib angles before moving.

Working Areas

- These lines determine the limiting position of any load for operation within working areas indicated.
- Do not swing over side until all outrigger beams are fully extended, until all tires are clear of the ground and machine is properly leveled on a firm supporting surface.

Caution: This material is for reference only. Operator must refer to in-cab crane rating manual to determine allowable machine lifting capacities and operating procedures.



HC-248H Luffing Crane Capacities

Luffing Boom Length	Luffing Jib Length	Radii In Feet	360 Degrees					Radii in Feet	Over The Rear				
			Luffing Boom Angle						Luffing Boom Angle				
			87°	85°	80°	75°	70°		87°	85°	80°	75°	70°
80'	80'	38	85.0*	-	-	-	-	38	85.0*	-	-	-	-
		40	82.4*	-	-	-	-	40	82.4*	-	-	-	-
		60	53.9	53.2	51.4	-	-	60	67.0	66.3	64.5	-	-
		80	37.0	36.5	35.2	33.9	-	80	46.3	45.8	44.8	43.5	-
		100	-	-	26.1	25.1	24.2	100	-	-	33.6	32.7	31.8
		117	-	-	-	-	19.6	117	-	-	-	-	25.9
	100'	43	68.3*	-	-	-	-	43	68.3*	-	-	-	-
		60	53.4	52.6	-	-	-	60	63.1*	63.0*	-	-	-
		80	36.5	36.0	34.6	33.3	-	80	45.9	45.5	44.2	42.9	-
		100	27.1	26.7	25.6	24.6	23.6	100	34.6	34.2	33.2	32.2	31.2
		120	-	-	20.1	19.3	18.5	120	-	-	26.1	25.3	24.5
		137	-	-	-	-	15.2	137	-	-	-	-	20.7
	120'	50	54.1*	-	-	-	-	50	54.1*	-	-	-	-
		60	51.7*	51.8*	-	-	-	60	51.7*	51.8*	-	-	-
		80	36.0	35.4	34.0	-	-	80	45.5	45.0	43.7	-	-
		100	26.6	26.2	25.1	24.0	-	100	34.2	33.7	32.6	31.6	-
		120	20.9	20.5	19.6	18.8	17.9	120	26.3*	26.5	25.6	24.8	23.9
		140	-	-	15.7	15.0	14.3	140	-	-	21.0	20.3	19.6
	140'	58	43.6*	-	-	-	-	58	43.6*	-	-	-	-
		60	43.2*	-	-	-	-	60	43.2*	-	-	-	-
		80	35.4	34.9	-	-	-	80	40.4*	40.0*	-	-	-
		100	26.1	25.6	24.5	-	-	100	33.6	33.2	32.1	-	-
		120	20.4	20.0	19.1	18.2	17.3	120	25.3*	26.0	25.1	24.2	23.3
		140	16.3	16.0	15.2	14.4	13.7	140	17.0*	18.9*	20.5	19.8	19.0
	160'	67	34.7*	-	-	-	-	67	34.7*	-	-	-	-
		80	33.1*	33.1*	-	-	-	80	33.1*	33.1*	-	-	-
		100	25.5	25.0	23.9	-	-	100	31.5*	31.5*	30.7*	-	-
		120	19.9	19.5	18.6	17.6	-	120	24.3*	25.5	24.5	23.6	-
		140	14.8*	15.5	14.7	13.9	13.1	140	14.8*	17.7*	20.0	19.2	18.4
		160	9.6*	11.5*	11.8	11.1	10.5	160	9.6*	11.5*	16.4	15.8	15.1
	160' + 30'	180	-	-	9.6	9.0	8.5	180	-	-	10.2*	13.1	12.5
		197	-	-	-	-	7.1	197	-	-	-	-	10.8
		80	18.0*	-	-	-	-	80	-	-	-	-	-
		100	18.0*	18.0*	-	-	-	100	-	-	-	-	-
		120	17.8*	18.0*	17.4	-	-	120	-	-	18.0*	-	-
		140	12.4*	14.4	13.5	12.7	-	140	-	-	16.2*	16.9*	-
	160' + 30'	160	6.7*	9.2*	13.5	10.7	9.3	160	-	-	13.7	14.4*	13.9
		180	-	-	8.5	7.9	7.3	180	-	-	9.2*	11.9*	11.4
		200	-	-	-	6.3	5.7	200	-	-	-	9.6*	9.4
		220	-	-	-	-	-	220	-	-	-	-	7.8

100'	80'	39	79.7*	-	-	-	-	39	79.7*	-	-	-	-
		60	54.0	53.0	50.7	-	-	60	67.1	66.2	63.8	-	-
		80	37.0	36.4	34.7	33.1	-	80	46.4	45.7	44.3	42.7	-
		100	-	-	25.7	24.5	23.3	100	-	-	33.3	32.1	30.8
		120	-	-	-	-	18.2	120	-	-	-	-	24.2
		123	-	-	-	-	17.4	123	-	-	-	-	23.3
	100'	44	64.6*	-	-	-	-	44	64.6*	-	-	-	-
		60	53.4	52.5	-	-	-	60	60.5*	60.6*	-	-	-
		80	36.6	35.9	34.1	-	-	80	45.9	45.5	43.7	-	-
		100	27.1	26.6	25.2	23.9	22.7	100	34.7	34.1	32.8	31.5	30.2
		120	-	-	19.8	18.7	17.7	120	-	-	25.8	24.8	23.7
		140	-	-	-	-	14.1	140	-	-	-	-	19.4
	120'	50	51.4*	-	-	-	-	50	51.4*	-	-	-	-
		60	49.1*	49.4*	-	-	-	60	49.1*	49.4*	-	-	-
		80	36.0	35.3	33.5	-	-	80	45.4	44.9	43.1	-	-
		100	26.6	26.0	24.6	23.3	-	100	34.2	33.6	32.2	30.9	-
		120	20.9	20.4	19.3	18.2	17.1	120	25.7*	26.4	25.3	24.2	23.1
		140	-	-	15.4	14.5	13.6	140	-	-	20.7	19.8	18.9
	140'	55	41.8*	-	-	-	-	55	41.8*	-	-	-	-
		60	41.0*	-	-	-	-	60	41.0*	-	-	-	-
		80	35.5	34.7	-	-	-	80	38.5*	38.1*	-	-	-
		100	26.1	25.5	24	-	-	100	33.6	33.1	31.6	-	-
		120	20.4	19.9	18.8	17.6	-	120	24.1*	25.9	24.7	23.6	-
		140	16.3	15.9	14.9	13.9	13.0	140	16.8*	19.3*	20.2	19.2	18.3
	160'	160	-	-	12.1	11.2	10.4	160	-	-	16.7	15.8	15.0
		180	-	-	-	-	8.4	180	-	-	-	-	12.5
		183	-	-	-	-	8.1	183	-	-	-	-	12.1
		61	33.4*	-	-	-	-	61	33.4*	-	-	-	-
		80	31.4*	31.5*	-	-	-	80	31.4*	31.5*	-	-	-
		100	25.5	24.9	23.4	-	-	100	30.5*	30.1*	29.4*	-	-
	160' + 30'	120	19.9	19.4	18.2	17.0	-	120	23.2*	25.3	24.1	22.9	-
		140	14.8	15.4	14.3	13.3	12.3	140	14.8*	18.1*	19.7	18.7	17.7
		160	9.8	11.9	11.5	10.7	9.8	160	9.8*	11.9*	16.2	15.3	14.4
		180	-	-	9.4	8.6	7.9	180	-	-	11.7*	12.7	11.9
		200	-	-	-	-	6.3	200	-	-	-	-	10.0
		203	-	-	-	-	6.1	203	-	-	-	-	9.7
	160' + 30'	73	18.0*	-	-	-	-	73	-	-	-	-	-
		80	18.0*	-	-	-	-	80	-	-	-	-	-
		100	18.0*	18.0*	-	-	-	100	-	-	-	-	-
		120	17.3*	17.9*	17.0	-	-	120	-	-	18.0*	-	-
		140	12.5*	14.3	13.2	12.1	-	140	-	-	16.2*	17.1*	-
		160	7.0*	9.8*	10.4	9.5	-	160	-	-	13.8*	14.1	13.2
	160' + 30'	180	-	-	8.3	7.4	-	180	-	-	11.2*	11.5	10.8
		200	-	-	5.5*	5.9	-	200	-	-	5.5*	9.5	8.8
		220	-	-	-	-	-	220	-	-	-	5.1*	7.2

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

Luffing Boom Length	Luffing Jib Length	Radii In Feet	360 Degrees					Radii in Feet	Over The Rear				
			Luffing Boom Angle						Luffing Boom Angle				
			87°	85°	80°	75°	70°		87°	85°	80°	75°	70°
120'	80'	40	74.3*	-	-	-	-	40	74.3*	-	-	-	-
		60	54.0	52.8	-	-	-	60	66.9*	65.9	-	-	-
		80	37.0	36.2	34.1	32.1	-	80	46.3	45.5	43.7	41.7	-
		100	-	26.9	25.3	23.7	22.4	100	-	34.4	32.8	31.3	29.8
		120	-	-	-	18.5	17.4	120	-	-	-	24.5	23.4
	100'	130	-	-	-	-	15.3	130	-	-	-	-	21.1
		45	60.0*	-	-	-	-	45	60.0*	-	-	-	-
		60	53.4	52.2	-	-	-	60	56.1*	56.3*	-	-	-
		80	36.5	35.7	33.5	-	-	80	45.8	45.3	43.1	-	-
		100	27.1	26.4	24.7	23.1	-	100	34.6	34.0	32.3	30.7	-
	120'	120	-	20.8	19.4	18.1	16.8	120	-	26.8	25.4	24.1	22.8
		140	-	-	-	14.4	13.3	140	-	-	-	19.7	18.6
		150	-	-	-	-	11.9	150	-	-	-	-	16.8
		51	47.1*	-	-	-	-	51	47.1*	-	-	-	-
		60	46.2*	46.7*	-	-	-	60	46.2*	46.7*	-	-	-
	140'	80	36.0	35.1	32.8	-	-	80	42.8*	44.3*	42.5	-	-
		100	26.6	25.9	24.1	22.7	-	100	34.1	33.4	31.7	30.0	-
		120	20.9	20.3	18.9	17.5	16.1	120	24.2*	26.3	24.9	23.5	22.4
		140	-	16.3	15.1	13.9	12.8	140	-	19.8*	20.4	19.2	18.1
		160	-	-	-	11.2	10.2	160	-	-	-	15.8	14.9
	160'	170	-	-	-	-	9.2	170	-	-	-	-	13.5
		56	37.8*	-	-	-	-	56	37.8*	-	-	-	-
		60	37.4*	-	-	-	-	60	37.4*	-	-	-	-
		80	35.3*	34.5	-	-	-	80	35.3*	36.2*	-	-	-
		100	26.0	25.3	23.5	-	-	100	32.3*	32.9	31.1	-	-
	160' + 30'	120	20.4	19.8	18.3	16.9	-	120	22.9*	25.7	24.3	22.8	-
		140	15.8	15.8	14.5	13.3	12.1	140	15.8*	18.7*	19.9	18.6	17.5
		160	-	12.7	11.8	10.7	9.7	160	-	12.7*	16.4	15.3	14.3
		180	-	-	-	8.7	7.8	180	-	-	-	12.7	11.9
		190	-	-	-	-	7.0	190	-	-	-	-	10.8
	160'	62	30.1*	-	-	-	-	62	30.1*	-	-	-	-
		80	29.3*	29.7*	-	-	-	80	29.3*	29.7*	-	-	-
		100	25.5	24.7	22.8	-	-	100	27.6*	27.7*	27.3*	-	-
		120	19.9	19.3	17.7	16.2	-	120	21.1*	25.2	23.7	22.5	-
		140	14.2	15.3	14.0	12.7	11.5	140	14.2*	17.5*	19.3	18.0	16.8
	160' + 30'	160	9.5	11.5	11.2	10.1	9.0	160	9.5*	11.5*	15.8	14.7	13.7
		180	-	7.2	9.1	8.1	7.2	180	-	7.2*	12*	12.2	11.3
		200	-	-	-	6.6	5.7	200	-	-	-	10.2	9.4
		210	-	-	-	-	5.1	210	-	-	-	-	8.5
		71	18.0*	-	-	-	-	71	-	-	-	-	-
	160' + 30'	80	18.0*	-	-	-	-	80	-	-	-	-	-
		100	18.0*	18.0*	-	-	-	100	-	-	-	-	-
		120	16.9*	17.5*	16.5	-	-	120	-	-	18.0*	-	-
		140	12.2*	14.1	12.8	11.4	-	140	-	-	16.2*	16.8	-
		160	7.0*	9.6*	10.0	8.9	-	160	-	-	13.8*	13.5	12.4
	160' + 30'	180	-	-	8.0	6.9	-	180	-	-	11.5*	11.0	10.1
		200	-	-	6.1*	5.4	-	200	-	-	6.1*	9.1	8.2
		220	-	-	-	-	-	220	-	-	-	6.8*	6.7

140'	80'	41	64.9*	-	-	-	-	41	64.9*	-	-	-	-
		60	53.9	52.5	-	-	-	60	56.6*	61.0*	-	-	-
		80	37.0	36.0	33.4	-	-	80	46.3	45.4	43.0	-	-
		100	-	26.7	24.7	22.8	-	100	-	34.2	32.3	30.4	-
		120	-	-	-	17.9	16.4	120	-	-	-	23.9	22.7
	100'	137	-	-	-	-	13.4	137	-	-	-	-	18.8
		46	50.9*	-	-	-	-	46	50.9*	-	-	-	-
		60	48.0*	51.3*	-	-	-	60	48.0*	51.3*	-	-	-
		80	36.5	35.4	32.8	-	-	80	42.2*	45.0*	42.4	-	-
		100	27.0	26.2	24.2	22.5	-	100	34.0	33.8	31.7	29.7	-
	120'	120	-	20.6	19.0	17.4	15.8	120	-	26.6	24.9	23.3	22.0
		140	-	-	-	13.8	12.5	140	-	-	-	19.1	17.8
		157	-	-	-	-	10.3	157	-	-	-	-	15.0
		52	41.2*	-	-	-	-	52	41.2*	-	-	-	-
		60	40.1*	41.7*	-	-	-	60	40.1*	41.7*	-	-	-
	140'	80	35.9	34.8	-	-	-	80	36.3*	39.4*	-	-	-
		100	26.5	25.7	23.5	-	-	100	31.8*	33.2	31.1	-	-
		120	20.9	20.2	18.4	16.7	-	120	22.9*	26.1	24.4	22.7	-
		140	-	16.1	14.7	13.2	11.8	140	-	18.9*	20.0	18.6	17.2
		160	-	-	-	10.7	9.5	160	-	-	-	15.3	14.1
	160'	177	-	-	-	-	7.9	177	-	-	-	-	12.0
		57	33.1*	-	-	-	-	57	33.1*	-	-	-	-
		60	32.9*	-	-	-	-	60	32.9*	-	-	-	-
		80	30.9*	33.1*	-	-	-	80	30.9*	33.1*	-	-	-
		100	26.0	25.1	22.9	-	-	100	27.8*	30.8*	30.5	-	-
	160' + 30'	120	20.4	19.6	17.8	16.1	-	120	21.0*	24.7*	23.8	22.4	-
		140	14.7*	15.6	14.1	12.6	11.2	140	14.7*	17.7*	19.4	18.0	16.5
		160	-	12.3*	11.4	10.1	8.8	160	-	12.3*	16.0	14.7	13.5
		180	-	-	-	8.2	7.1	180	-	-	-	12.2	11.2
		197	-	-	-	-	5.8	197	-	-	-	-	9.5
	160'	63	26.5*	-	-	-	-	63	26.5*	-	-	-	-
		80	25.5*	26.9*	-	-	-	80	25.5*	26.9*	-	-	-
		100	24.1*	24.5	22.6	-	-	100	24.1*	25.8*	25.7*	-	-
		120	19.1*	19.1	17.2	-	-	120	19.1*	23.4*	23.1	-	-
		140	13.2*	15.1	13.5	12.0	-	140	13.2*	16.7*	18.9	17.4	-
	160' + 30'	160	8.8*	10.9*	10.8	9.5	8.2	160	8.8*	10.9*	15.5	14.1	12.9
		180	-	7.0*	8.8	7.6	6.4	180	-	7.0*	12.4*	11.7	10.5
		200	-	-	-	6.1	5.1	200	-	-	-	9.7	8.7
		217	-	-	-	-	-	217	-	-	-	-	7.4
		72	18.0*	-	-	-	-	72	-	-	-	-	-
	160' + 30'	80	18.0*	-	-	-	-	80	-	-	-	-	-
		100	18.0*	18.0*	-	-	-	100	-	-	-	-	-
		120	16.1*	16.9*	16.0	-	-	120	-	-	18.0*	-	-
		140	10.8*	14.0	12.3	-	-	140	-	-	15.8*	16.1	-
		160	6.4*	9.0*	9.6	-	-	160	-	-	13.7*	12.9	-
	160' + 30'	180	-	-	7.6	-	-	180	-	-	11.6*	10.5	9.3
		200	-	-	6.0	-	-	200	-	-	6.5*	8.6	7.5
		220	-	-	-	-	-	220	-	-	-	7.0	6.0

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

Luffing Boom Length	Luffing Jib Length	Radii In Feet	360 Degrees					Radii in Feet	Over The Rear				
			Luffing Boom Angle						Luffing Boom Angle				
			87°	85°	80°	75°	70°		87°	85°	80°	75°	70°
160'	80'	42	53.9*	-	-	-	-	42	53.9*	-	-	-	-
		60	47.4*	51.7*	-	-	-	60	47.4*	51.7*	-	-	-
		80	36.9	35.7	32.6	-	-	80	39.7*	44.5*	42.3	-	-
		100	-	26.4	24.1	22.1	-	100	-	34.0	31.7	29.4	-
		120	-	-	-	17.1	15.3	120	-	-	-	23.1	21.6
		140	-	-	-	-	12.1	140	-	-	-	-	17.4
	100'	144	-	-	-	-	11.5	144	-	-	-	-	16.7
		47	43.4*	-	-	-	-	47	43.4*	-	-	-	-
		60	40.9*	43.1*	-	-	-	60	40.9*	43.1*	-	-	-
		80	35.7*	35.1	31.9	-	-	80	35.7*	39.1*	41.6	-	-
		100	27.0	26.0	23.5	21.5	-	100	30.1	33.5	31.1	28.7	-
		120	-	20.4	18.5	16.5	14.6	120	-	25.8*	24.4	22.7	20.9
	120'	140	-	-	-	13.1	11.5	140	-	-	-	18.4	16.9
		160	-	-	-	-	9.2	160	-	-	-	-	13.8
		164	-	-	-	-	8.8	164	-	-	-	-	13.3
		52	35.5*	-	-	-	-	52	35.5*	-	-	-	-
		60	34.5*	-	-	-	-	60	34.5*	-	-	-	-
		80	31.1*	33.8*	-	-	-	80	31.1*	33.8*	-	-	-
	140'	100	26.4	25.4	22.9	-	-	100	27.1*	30.5*	30.5	-	-
		120	20.8	20.0	17.9	15.9	-	120	20.9*	24.4*	23.8	22.2	-
		140	-	16.0	14.2	12.5	10.9	140	-	17.8*	19.5	17.9	16.2
		160	-	-	-	10.1	8.6	160	-	-	-	14.7	13.3
		180	-	-	-	-	6.9	180	-	-	-	-	11.0
		184	-	-	-	-	6.6	184	-	-	-	-	10.6
	160'	58	28.4*	-	-	-	-	58	28.4*	-	-	-	-
		60	28.2*	-	-	-	-	60	28.2*	-	-	-	-
		80	26.4*	28.4*	-	-	-	80	26.4*	28.4*	-	-	-
		100	24.1*	24.8	22.6	-	-	100	24.1*	26.2*	28.6*	-	-
		120	19.2*	19.4	17.3	15.2	-	120	19.2*	22.7*	23.2	21.5	-
		140	13.6*	15.5	13.7	11.9	-	140	13.6*	16.6*	19.0	17.2	-
160'	160	-	11.5*	11.0	9.5	8.0	160	-	11.5*	15.6	14.1	12.6	
	180	-	-	-	7.6	6.3	180	-	-	-	11.7	10.4	
	200	-	-	-	-	-	200	-	-	-	-	8.6	
	204	-	-	-	-	-	204	-	-	-	-	8.3	
	64	23.2*	-	-	-	-	64	23.2*	-	-	-	-	
	80	22.7*	23.6*	-	-	-	80	22.7*	23.6*	-	-	-	
160' + 30'	100	20.8*	22.4*	-	-	-	100	20.8*	22.4*	-	-	-	
	120	17.2*	18.9	16.7	-	-	120	17.2*	21.0*	22.4*	-	-	
	140	12.2*	14.9	13.1	11.2	-	140	12.2*	15.1*	18.4	16.6	-	
	160	8.1*	10.3*	10.4	8.8	7.3	160	8.1*	10.3*	15.1	13.5	12.0	
	180	-	6.5*	8.4	7.0	5.6	180	-	6.5*	11.9*	11.1	9.8	
	200	-	-	-	5.5	-	200	-	-	-	9.2	8.0	
160' + 30'	220	-	-	-	-	-	220	-	-	-	-	6.6	
	224	-	-	-	-	-	224	-	-	-	-	6.3	
	73	17.4*	-	-	-	-	73	-	-	-	-	-	
	80	17.1*	-	-	-	-	80	-	-	-	-	-	
	100	16.4*	17.5*	-	-	-	100	-	-	-	-	-	
	120	14.6*	16.1*	15.4	-	-	120	-	-	16.7*	-	-	
160' + 30'	140	9.7*	13.0*	11.8	-	-	140	-	-	15.3*	-	-	
	160	5.8*	8.3*	9.2	-	-	160	-	-	13.4*	12.2	-	
	180	-	-	7.2	-	-	180	-	-	11.3	9.9	8.5	
	200	-	-	5.6	-	-	200	-	-	6.5*	8.0	6.8	
	220	-	-	-	-	-	220	-	-	-	6.5	5.4	

180'	120'	53	30.2*	-	-	-	-	53	30.2*	-	-	-	-
		60	29.7*	-	-	-	-	60	29.7*	-	-	-	-
		80	26.1*	29.0*	-	-	-	80	26.1*	29.0*	-	-	-
		100	23.0*	25.1	22.5	-	-	100	23.0*	25.5*	28.6*	-	-
		120	18.9	19.8	17.3	15.0	-	120	18.9	22.0	23.2	21.3	-
		140	-	15.8	13.7	11.7	9.8	140	-	16.4	19.1	17.1	15.2
	140'	160	-	-	11.1	9.4	7.7	160	-	-	15.7	14.0	12.3
		180	-	-	-	-	6.1	180	-	-	-	-	10.2
		191	-	-	-	-	5.3	191	-	-	-	-	9.2
		59	24.4*	-	-	-	-	59	24.4*	-	-	-	-
		60	24.4*	-	-	-	-	60	24.4*	-	-	-	-
		80	22.8*	24.5*	-	-	-	80	22.8*	24.5*	-	-	-
	160'	100	20.5*	22.4*	21.9	-	-	100	20.5*	22.4*	25.0*	-	-
		120	17.0*	19.2	16.7	-	-	120	17.0*	20.2*	22.2*	-	-
		140	12.5*	14.8*	13.2	11.1	-	140	12.5*	14.8*	18.5	16.4	-
		160	-	10.6*	10.6	8.8	7.0	160	-	10.6*	15.2	13.4	11.7
		180	-	-	8.5	7.0	5.4	180	-	-	11.9*	11.1	9.5
		200	-	-	-	-	-	200	-	-	-	-	7.9
	160' + 30'	211	-	-	-	-	-	211	-	-	-	-	7.1
		65	20.2*	-	-	-	-	65	20.2*	-	-	-	-
		80	19.5*	20.5*	-	-	-	80	19.5*	20.5*	-	-	-
		100	17.9*	19.6*	-	-	-	100	17.9*	19.6*	-	-	-
		120	15.3*	17.9*	16.1	-	-	120	15.3*	17.9*	19.3*	-	-
		140	10.8*	13.6*	12.5	10.4	-	140	10.8*	13.6*	17.1*	15.8	-
	160' + 30'	160	7.1*	9.4*	10.0	8.1	-	160	7.1*	9.4*	14.6	12.8	11.0
		180	-	5.9*	8.0	6.4	-	180	-	5.9*	11.4*	10.5	8.9
		200	-	-	6.4	5.0	-	200	-	-	7.0*	8.6	7.2
		220	-	-	-	-	-	216	-	-	-	-	5.9
		231	-	-	-	-	-	231	-	-	-	-	5.3
		74	15.1*	-	-	-	-	74	-	-	-	-	-
	160' + 30'	80	15.1*	-	-	-	-	80	-	-	-	-	-
		100	14.4*	15.4*	-	-	-	100	-	-	-	-	-
		120	12.7*	14.0*	-	-	-	120	-	-	14.8	-	-
		140	8.5*	11.5*	-	-	-	140	-	-	13.2	-	-
		160	5.0*	7.4*	-	-	-	160	-	-	11.7	11.5	-
		180	-	-	-	-	-	180	-	-	10.3	9.2	7.6
	160' + 30'	200	-	-	-	-	-	200	-	-	6.1	7.4	5.9
		220	-	-	-	-	-	220	-	-	-	6.0	-

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

HC-248H Midfall Capacities -- 360 Degrees

Luffing Boom Length	Luffing Jib Length (feet)	Radii In Feet	Capacities with 87° Luffing Boom Angle	Radii In Feet	Capacities with 80° Luffing Boom Angle
80'	110 thru 160	36 - 50 50 - 65 65 - 83	15.0* 10.0* 7.5*	53-60 65-75 80-92	15.0* 10.0* 7.5*
100'	110 thru 160	37 - 50 50 - 65 65 - 84	15.0* 10.0* 7.5*	56-60 65-75 80-95	15.0* 10.0* 7.5*
120'	110 thru 160	37 - 50 50 - 65 65 - 85	15.0* 10.0* 7.5*	60-65 70-80 90-99	15.0* 10.0* 7.5*
140'	110 thru 160	38 - 50 50 - 65 65 - 86	15.0* 10.0* 7.5*	63-70 75-80 90-102	15.0* 10.0* 7.5*
160'	110 thru 160	39 - 50 50 - 70 70 - 87	15.0* 10.0* 7.5*	67-70 75-90 100-106	15.0* 10.0* 7.0
180'	120 thru 160	40 - 55 55 - 70 70 - 88	15.0* 10.0* 7.5*	70-75 80-90 100-109	15.0* 10.0* 7.0

NOTE: *Indicates these capacities are based on factors other than those which would cause a tipping condition. Capacities shown in thousands of pounds.

HC-248H Luffing Crane Working Ranges

(See Crane Operating Manual for all available working ranges)

70° Luffing Boom Angle

87° Luffing Boom Angle

Luffing Attachment Capacity Notes:

1. Capacities shown are in pounds and are not more than 85% of the tipping loads. Outrigger beams must be fully extended and all (5) outrigger jacks must be extended so tires clear the ground with the crane standing level on firm supporting surface. A deduction must be made from these capacities for weight of hook block, hook ball, sling, grapple, load weighing device, etc. See Operator's Manual for all limitations when raising or lowering attachment.
2. The crane capacities marked with an asterisk are based on structural strength. The crane capacities in the non-asterisked areas are based on stability ratings.
3. For recommended reeving, parts of line, wire rope type and wire rope inspection, see Operator's Manual and Parts Manual.
4. Capacities are based on freely suspended loads and make no allowances for such factors as the effect of the wind, ground conditions, and operating speeds. The operator shall therefore reduce load ratings in order to take these conditions into account.
5. The 30 ft. (9.14 m) luffing boom live mast must be used for all capacities shown in these charts.
6. The least stable rated condition is over the side.
7. The attachment must be erected and lowered directly over the rear of the carrier.
8. Do not operate at radii and boom lengths where charts lists no capacities. Do not use longer booms or jibs than those listed in the Crane Rating Manual. Any of the above can cause a tipping condition, or boom and jib failure.
9. Refer to the Crane Rating Manual for wind speed restriction chart for safe operation, travel and storage of the attachment.
10. Refer to the Crane Rating Manual for capacity reductions for auxiliary load handling equipment.
11. These capacities apply only to the crane as originally manufactured and normally equipped by Link-Belt Construction Equipment Company.