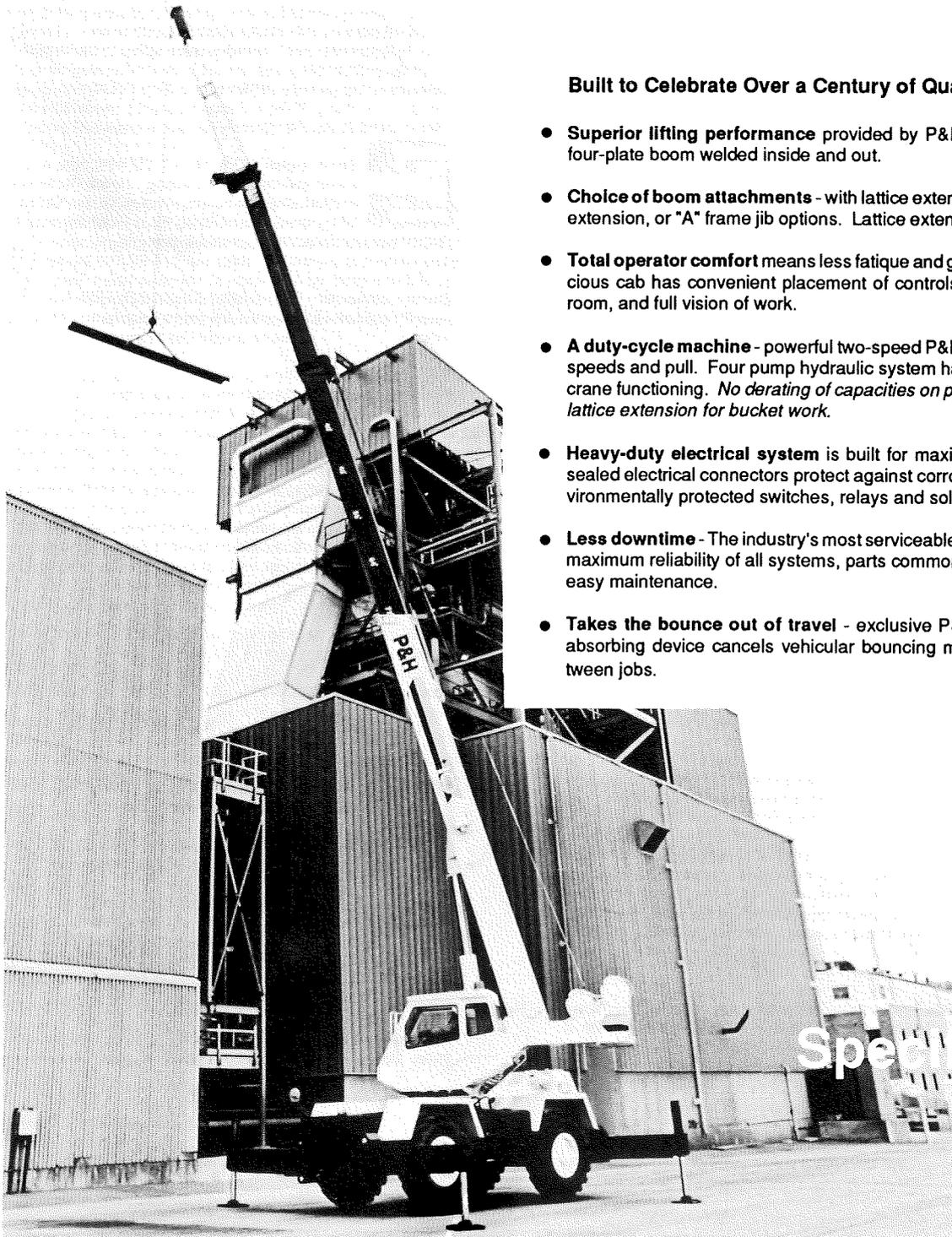


**Rough Terrain Crane
22 Ton Maximum Capacity
113 Feet (34.4 m) Maximum Tip Height**



Built to Celebrate Over a Century of Quality and Service

- **Superior lifting performance** provided by P&H rectangular full depth four-plate boom welded inside and out.
- **Choice of boom attachments** - with lattice extension, telescoping lattice extension, or "A" frame jib options. Lattice extensions can be offset 22°.
- **Total operator comfort** means less fatigue and greater production. Spacious cab has convenient placement of controls, lots of leg and elbow room, and full vision of work.
- **A duty-cycle machine** - powerful two-speed P&H winches offer high line speeds and pull. Four pump hydraulic system has optimum flow for fast crane functioning. *No derating of capacities on powered boom or 25 foot lattice extension for bucket work.*
- **Heavy-duty electrical system** is built for maximum reliability. Triple-sealed electrical connectors protect against corrosion and vibration. Environmentally protected switches, relays and solenoids.
- **Less downtime** - The industry's most serviceable crane is engineered for maximum reliability of all systems, parts commonality, accessibility, and easy maintenance.
- **Takes the bounce out of travel** - exclusive P&H Easy Ride[®] shock-absorbing device cancels vehicular bouncing motion during travel between jobs.

Specifications

Specifications

ITEM NO.

This P&H crane meets the requirements of ANSI B30.5c-1987. Boom Structure (boom, lattice extension and jib) has been tested per SAE J1063, machine stability tested per SAE J765. LOAD RATINGS shown apply only to machine as manufactured by Century II, inc.

BASIC MACHINE

Boom



Boom: All boom sections are of full depth rectangular four plate construction, welded inside and out, with adjustable slider pads on top, bottom and sides. All powered sections are single lever controlled. Block type semi-fixed telescope cylinder mounts provide ample capacity to telescope loads. Extension mechanism consists of one hydraulically powered cylinder with holding valve, which extends simultaneously, both the powered "first" section and the cable extended "second" section.

Boom point contains one idler sheave with bronze bushing and four metallic load sheaves with roller bearings. Sheaves are 11.88" (301.7mm) pitch diameter.

Standard Boom: 72' (21.90M) three (3) section powered boom, 29' (8.8M) retracted length, 72' (21.90M) extended length, consisting of one base section, one hydraulically powered "first" section, and one cable powered "second" section with boom point.

For performance characteristics, see Chart No.1: Range Diagram 72' Boom and Chart No.3: Lifting Capacities, 72" Boom.

Cable Extend Mechanism: As the "first" section is extended, it pulls out the "second" section by a system of twin .875" (22mm) dia. extend cables and 15.75" (400mm) P.D. metallic sheaves with roller bearings. The extend cables are connected to a bracket on the top of the base section, pass around the sheaves which are pinned to the front end of the "first" section section, and then connected to a bracket at the rear end of the "second" section to equalize the load on the "extend ropes". The design safety factor is 3.5 to 1. As the powered "first" section is retracted it simultaneously pulls the cable extended "second" section back into the "first" section. The twin retract cables are .50" (13mm) dia. and are connected to brackets on the top of the base section, pass around the 10.31" (262mm) P.D. sheaves with bronze bushings that are pinned inside the rear end of the "first" section, and then connected to a bracket that is mounted inside the rear end of the "second" section.

(For enhanced performance, see Boom Options and Accessories).

Counterweights (as furnished)

For 72' boom w/o auxiliary hoist - 7300 lbs.(3311kg)
w auxiliary hoist - 6800 lbs.(3084kg)
For 62' boom w/o auxiliary hoist - 6500 lbs.(2948kg)
w auxiliary hoist - 6000 lbs.(2722kg)

Upperstructure



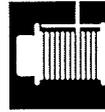
Operator's Cab: All-weather environmental cab of steel has hinged tinted ceiling window, slide-by right side window, locking slide-by door and large windows with a full view in all directions. Safety glass used throughout. Operator's three-way adjustable seat has torsion suspension and seat belt. Cab is 33.5" (850mm) wide with a stand-up height of 56" (1411mm) and is cushion mounted for vibration dampening and noise reduction.

Cab Equipment (Standard): Cab contains all roading and crane function controls. Front console includes gauges for engine water temperature, engine oil pressure, transmission clutch pressure, transmission oil temperature, hydraulic oil temperature, air pressure, and fuel. Also includes hour meter, voltmeter, winch high speed indicators, electric anti-two-block warning indicator, windshield wiper, fire extinguisher, electric horn, tachometer, speedometer, rearview mirror and dash light.



Controls: In front of operator are foot pedals for boom hoist, swing brake, service brakes, and engine throttle. Far left of steering wheel are console mounted double-acting levers for swing and telescope. At the right are levers for auxiliary winch (optional), main winch and boom hoist. Drum rotation indicators (optional) are mounted on main and auxiliary winch levers and an optional directional indicator (emergency flasher) switch on steering column. At operator's front console are mounted switches for optional starting aid, master ignition, engine start, optional windshield wiper, optional master lights. At

operator's right are console mounted switches for emergency/parking brake, defroster (optional), hi-low transmission range, steering mode selection and outrigger controls, circular level, gear range selector switch, forward-reverse selector lever, hand throttle, swing brake lever, travel stabilizer switch (Easy Ride), and house lock lever. Console has pre-wired, removable modules for ease of service.



Main Winch: P&H model 1080 two speed, mounted on rear of upper frame. Planetary gearing with equal speed power raising and lowering. Infinitely variable controlled speed. Spring applied, hydraulically released load holding multiple disc brake is automatic. Complete with 425' (130M) wire rope.

Drum: 10.75" (273mm) P.D. X 16.5" (419mm) wide with 16.75" (425mm) dia. flanges.

Wire Rope (Standard): 1/2" (13mm) dia. 6x25 extra improved plow steel, with 7x7 I.W.R.C.

(See options, page 4, for spin resistant rope).

See Chart No. 24, Hoist Reeving, for rope capacities and parts of line required.

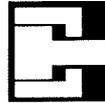
Drum Capacity: 543 ft. (165M) 5 layers.

Line Pull (Max.): 10,263 lbs. (4,655kg) 1st layer.

Line Pull (Permissible - based on strength of wire rope): 7,600 lbs. (3,454kg) 6x25 cable.

Line speed Up (max.): 404 fpm (123M/m) 5th layer.

(See options for Auxiliary Winch)



Boom Hoist: One 10.04" (255mm) bore X 58.0" (1473 mm) stroke cylinder, double-acting. Hydraulically powered raising and lowering with holding valve. Cylinder has internal accumulator providing a stabilizing "Easy Ride" when roading machines. Stabilizer is controlled from operator's cab.

Boom Telescope: One 6.02" (153mm) I.D. - double-acting cylinder for powered section. Hydraulically powered extending and retracting with holding valve.

Hydraulic System: System utilizes two tandem gear type pumps. One tandem pump, operating at 2650 rpm, provides 45 gpm (170 lpm) to the main and/or auxiliary winches and 45 gpm (170 lpm) to the boom hoist and boom telescope cylinders. A second tandem pump, operating at 2650 rpm, provides 29 gpm (110 lpm) to the swing circuit and 29 gpm (110 lpm) for the steering, winch boost and outrigger circuits. Total flow at 2650 engine rpm is 148 gpm (560 lpm). All hydraulic oil is filtered to 7 microns on return to the reservoir. Maximum pressure drop of return filter with clean element and oil at normal operating temperature is 25% of by-pass setting to assure minimum fluid resistance and power loss while protecting seals in cylinders, valves and motors.

The 90 gal. (340 l) reservoir is located on the left side of the carrier. Pumps, valves, cylinders and motors are readily accessible and easy to service. Control valves are four-way, three-position type with low effort spools and pilot-operated relief valves for quick, smooth response. Swing circuit has pressure compensated valve for swing metering control. Cable linkage connects valve to control levers. Hydraulic oil cooler is standard.



Swing Unit: Hydraulic motor driving through gear reducer to pinion gear, 360° continuous rotation to 3.9 rpm.

Swing Gear: External cut spur gear 39.667" (100.75cm) P.D. Ring gear dust cover is available (optional).

Swing Brake: Spring applied, hydraulically released, dry disc brake, integral with swing reducer. Hand brake control lever mounted on side console. A manual foot pedal applies brake for static holding.

House Lock: Single position (front) pin-in-hole lock manually engaged with house lock lever. A positive 360° position lock is available (optional).

Fastening to Lower: Single row ball bearing integral with swing gear. Welded to carrier frame and bolted to rotating frame. Bearing is protected from

dust by labyrinth seal.



Carrier

Carrier: 4X4X4 (Four wheels drive. Four wheels steer) - for rough terrain with limited turning area.

Frame: All welded unitized construction assures rigidity and permanent alignment of swing bearing and rotating upper machinery. Fabricated of rectangular structural tubing main frame beams of high strength 50,000 psi (3500kg/sq. cm) minimum yield steel and reinforced with rectangular box cross members of high strength 50,000 psi (3500 kg/ sq. cm) minimum yield steel. Lifting Lugs front and rear



Hydraulic Outriggers: Four (4) independent assemblies that hydraulically extend out horizontally from carrier frame and down vertically to form a stable working platform. Four (4) double-acting hydraulic cylinders provide independent horizontal beam movement and four (4) provide vertical rod movement. Vertical cylinders are equipped with holding valves. Cylinders are actuated by electric solenoid directional control valves operated from cab console switches. Beams are rectangular box members of high strength 80,000 psi (5600 kg/cm) minimum yield steel. Four (4) fabricated 14" (35.6cm) sq. floats are removable and stored on the frame. Extended spread is 18'-0" (5.4M) from C/L to C/L of verticle cylinders Retracted within carrier width of 8'-0" (2.44M).



Steering Options: (A) Front axle steer - hydrostatic power system fully controlled by steering wheel; (B) Front and rear axle steer - hydrostatic power system fully controlled by steering wheel for front and rear axles. Two wheel, four wheel and crab steer mode selection is controlled by three-position sealed switch located in cab on side console. Center position of switch

locks position of rear wheels and only front wheels are steerable. The amount of rear wheel turn is controlled by steering wheel.

Front axle: Steer and drive or non-drive axle driven through differential with planetary in hubs. Axle rigid mounted with power steering.

Rear Axle: Steer and drive axle driven through differential with planetary in hubs. Power steering, with optional no-spin differential. Axle is pivot mounted with automatic hydraulic lockout cylinders to prevent oscillation (vertical movement of axle). Total oscillation attainable is 8" (20.3cm).

Service Brakes: Air over hydraulic brakes on all four wheels, internal expanding shoe type, actuated by foot pedal in cab.

Parking Brake: Spring-set air chamber on drum brake on output yoke of transmission. Spring set and air release.

Tires: Standard - 16:00X24-16 PR tubeless (G-2)
See Chart Nos.13-23 for "On Rubber" lifting capacities.
Alternate tires and spares available. See Options.

Miscellaneous Equipment (Standard): Sliding engine hood, tow lugs, hydraulic pump disconnect, automatic moisture ejector for air system, oil to air transmission cooler, front axle disconnect and oil to air hydraulic oil cooler. Additional accessories listed under Options.



Power Plant: (Standard)

Make	Cummins
Model	6BT5.9
Type	Diesel
Cylinders	6
BoreXStroke	4.02X4.72 in.
	102X120mm
Displacement	359 cu.in.
	5.88 liters
Cycles	Four
Air Induction	Turbocharged
Starting	12 volt motor Negative Ground
Charging	12 volt alternator, 80 amp

Compressor	Air 9.5 CFM @ 1250 rpm
Governor Air	100-120 psi
Fan	6 blade, suction type 22 in. (559mm)

Ratings:	
Gross HP @ rpm	130 @ 2650
Kilowatts	97 @ 2650

Accessories:..	
Cooling	Liquid recirculating, bypass, pressurized.
Radiator	Tube and fin type, thermostat controlled, with sealed baffle, rapid warm-up.
Starting Electrical	12 volt, negative ground. System is 12 volt, negative ground. Wire harnesses have protective braided nylon covering and are individually clamped to framework. Environmentally-sealed toggle-type switches and harness connectors are used.
Battery	Reserve capacity 239 minutes. Cold cranking amps at 0°F - 669 amps.
Fuel Tank	52.8 gal. (200 liters) Meets FHWA requirements,(right side between tires).
Air Cleaner	Single stage dry - replaceable element.
Lube oil filter	Replaceable element. Full-flow.
Fuel Filter	Spin-on replaceable element.

Transmission (standard): Powershift with high/low range. Fully electric gear shift, 3 speeds forward and 3 reverse, with high-low electric controlled air range shift. Electrically controlled air-generated front axle disconnect for highway travel.

Fully sequential transmission is optional.



Performance: Standard Powershift Transmission - 6 forward, 6 reverse speeds. Performance in highest and lowest gear based on engine at full load rpm, 45,448 lb. gross vehicle weight, 16:00X24 tires, 72' boom, 7300 lbs. counterweight and good surface road. Maximum grade at 1 mph is approximately 53%.

Low Range Speeds		High Range Speeds	
1st	3.4 mph (5.4 kmph)	1st	7.6 mph (12.2 kmph)
2nd	7.3 mph (11.7 kmph)	2nd	16.1 mph (25.9 kmph)
3rd	13.9 mph (22.4 kmph)	3rd	28.9 mph (46.6 kmph)

(End - BASIC MACHINE)

OPTIONS

ITEM NO.	Boom Options and Accessories
105	62' (18.90M) three (3) section powered boom, 25' (7.62M) retracted length, 62' (18.90M) extended length, consisting of one base section, one hydraulically powered "first" section, and one cable powered "second" section with boom point. <i>For performance characteristics, see Chart No.7: Range Diagram 62' Boom and Chart No.9: Lifting Capacities, 62' Boom.</i>
125	25' (7.69M) Lattice Extension: Swing-around tapered lattice structure with single 13.1" (332.7mm) P.D. metallic boom point sheave with bronze bushing. Easily installed from ground level by pivoting from stored position on right side of boom base and pinned connecting with self-storing pins to boom point. Includes Anti-Two Block material. Offset 2° from boom. For extending reach of boom. Includes Item 145 with new machine.

cont. next page

ITEM NO.

135 **25'6" to 35'6" (7.8 - 10.8m) Lattice Extension:** Swing-around tapered lattice structure with welded four-plate telescopic section and single 13" (332.7mm) metallic boom point sheave with bronze bushing. Easily installed from ground level by pivoting from stored position on right side of boom base and pin connecting with self-storing pins to boom point. Includes Anti-Two Block material. Offset 2° from boom. For extending reach of boom. Includes Item 150 with new machine.

For performance characteristics see Chart Nos. 5, 6, 11 and 12.

138 **Extension Offset Mechanism:** Pivoting link which allows lattice extensions to be offset 22° from main boom. For reach up and over structures.

140 **14' 6" (4.4 m) Jib:** Underslung "A" frame structure with single 14.17" (360mm) P.D. metallic boom point sheave with bronze bushing. Easily installed from ground level by pivoting from its stored position on under side of boom base. Pin and pendant connected to boom point. Includes Anti-Two Block material. Offset at 0°, 10° and 20°. For extending reach of boom. Includes Item 155 with new machine.

For performance characteristics, See chart Nos. 4 and 10.

145 **Material for storing 25' extension on right side of boom.**

150 **Material for storing 25' 6" - 35' 6" extension on right side of boom.**

155 **Material for storing 14' 6" "A" frame jib under boom.**

160 **Auxiliary Boom Point Sheave:** Single 13.1" (332.7mm) P.D. metallic sheave with bronze bushings, bracket mounted on boom point. Includes Anti-Two Block material. For use with single auxiliary winch line.

205 **Auxiliary Winch:** Same as main winch. Mounted on counterweight on rear of revolving frame.

215 **Spin Resistant Wire Rope (main winch):** 1/2" x 425' 8 x 19 extra improved plow steel w/ 7 x 7 I.W.R.C.

220 **Wire Rope (aux. winch):** 1/2" x 360' 6 x 25 extra improved plow steel w/ 7x7 I.W.R.C.

225 **Spin Resistant Wire Rope (aux. winch):** 1/2" x 360' 8x19 extra improved plow steel w/ 7x7 I.W.R.C.

See Chart no. 24, Hoist Reeving and Wire Rope Capacities.

230 **Mechanical Drum Turn Indicator:** (Aux. winch only, standard on main winch).

235 **22 ton Hook Block:** (20 metric ton) 3 sheaves with swivel and safety latch, for 1/2" (13mm) wire rope.

240 **15 ton Hook Block:** (13.6 metric ton) 2 sheaves with swivel hook and safety latch, for 1/2" (13mm) wire rope.

245 **10 ton Hook Block:** (9.1 metric ton) single sheave with swivel hook and safety latch, for 1/2" (13mm) wire rope.

250 **5 ton Weighted Hook:** (4.5 metric ton) with swivel and safety latch, for 1/2" (13mm) wire rope.

255 **Cable spooling Device:** main or auxiliary winch.

260 **Plumbing and Controls for Auxiliary Winch:** (No winch) (For later installation of winch).

265 **Frame-Mounted Single Speed Winch:** 15,000 lb. line pull.

Power Train Options

300 **Power Plant (Optional)**

Make: Detroit Diesel
 Model: 8.2L
 Type: Diesel
 No. of Cylinders: 8
 Bore x Stroke: 4.25 x 4.41 in.
 108 x 112mm
 Displacement: 500 cu.in.
 8.2 liters
 Cycles: Four
 Air Induction: Nat. Aspirated

ITEM NO.

Starting 12 volt moter
 Negative ground
 Charging 12 volt alternator, 65 amp
 Compressor, air 12 CFM @ 1250 rpm
 Governor, air 100-120 psi
 Fan 6 blade, suction type, 22" (559mm)

Ratings:
 Gross HP 128 @ 2650 rpm
 Kilowatts 95.5 @ 2650 rpm

315 **Sequential Powershift Transmission:** 6 speeds forward, 3 speeds reverse, electrically controlled and operated gear shift. Neutral safety start. Electrically controlled, hydraulically operated front axle disconnect for highway travel. For standard or optional engines.

330 **No Spin Axle** - rear axle only. Consult factory when quoting.

340 **Cold Weather Starting Aid:** (measured shot) required below 30°F. (-1°C)

350 **Override for axle lockout**

405 **Windshield Washer**

410 **Roof Window Wiper**

415 **Heater & Defroster:** - Diesel

420 **Heater & Defroster:** - Propane w/o Tank

435 **Vandalism Kit:** - Lexan Glass

440 **Tinted Glass**

450 **Air Conditioner**

455 **Amber Rotating Beacon:** Top of Cab

460 **Floodlight:** (3), Includes Standard Alternator

500 **Tires 14:00 x 24-20 Ply Tubetype:** Hard Rock Lug (ML-3)

510 **Tires 16:00x25-24 Ply Tubeless:** Earthmover Sure Grip (E-3)

515 **Tires 17.5x25-20 Ply Tubeless:** Sure Grip Loader (L-2)

520 **Tires 20.5x25-20 Ply Tubeless:** Sure Grip Lug Wide Base (E2)

525 **Tires 20.5x25-20 Ply Tubeless:** Super Hard Rock Lug Wide Base (E-3)
See "on rubber" lifting Charts nos. 13 - 24.

530 **Spare Tire & Wheel:** 14:00x24-20 Ply Tubetype Hard Rock Lug(ML-3)

535 **Spare Tire & Wheel:** 16:00x24-16 Ply Tubeless Sure Grip Grader (G-2)

540 **Spare Tire & Wheel:** 16:00x25--24 Ply Tubeless Earthmover Sure Grip (E3)

545 **Spare Tire & Wheel:** 17.5x25-20 Ply Tubeless Sure Grip Loader (L-2)

550 **Spare Tire & Wheel:** 20.5x25-20 Ply Tubeless Sure Grip Lug Wide Base (E2)

555 **Spare Tire & Wheel:** 20.5x25-20 Ply Tubeless Super Hard Rock Lug Wide Base (E-3)

560 **Tire Inflation Kit.**

605 **Positive Swing Lock:** 360 Degrees (Required to meet NYC Codes).

610 **Slewing Rim Sheet Metal Cover.**

625 **Pintle Hook:** (Front or Rear)

635 **Storage Compartment:**

640 **Alcohol Evaporator**

645 **Air Dryer**

cont. next page

ITEM NO.

Operational Aids

ITEM NO.

740 **P&H Control Lever Lockouts:** (Magnetic Valve Shut-Off Devices) for Anti-Two Block Device and Item 730.

720

P.A.T. Load Moment Operational Aid: DS350 Microprocessor System Includes: Load Moment Device w/ Audio-Visual Warning, Rated Load, Actual Load, Tare, Radius, Angle, Length & Height of Boom Tip Indicators. Includes Control Lever Lockouts (Magnet Valve Shut-Off Devices).

745

Krueger Load Moment System (Mark IIIa): Includes - Load Moment Device w/ Audio-Visual Warning, Radius, Angle, Length, w/ Angle Preset. Includes Control Lever Lockouts (Magnetic Valve Shut-Off Devices).

730

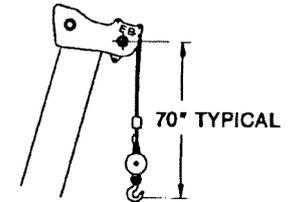
Krueger (HAP) Boom Angle Indicator: W/ Audio-Visual Warning

735

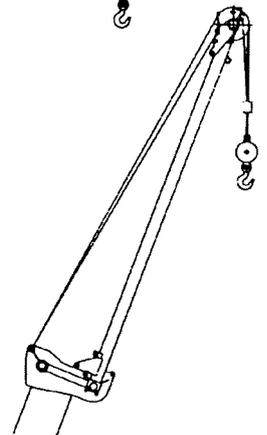
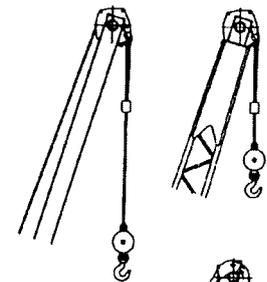
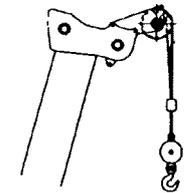
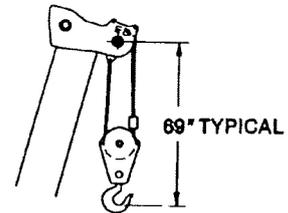
Krueger (HLAP) Boom Angle, Length, Radius Indicators: w/ Angle Preset and Audio-Visual Warning.

Axle Loads

VEHICLE WEIGHTS	POUNDS			KILOGRAMS		
	GROSS	FRONT	REAR	GROSS	FRONT	REAR
Basic Carrier	13,050	6,325	6,725	5,925	2,872	3,053
Basic Upper	5,132	1,977	3,155	2,330	897	1,433
Standard Equipment						
72 ft. Boom installed	9,053	12,390	-3,337	4,110	5,625	-1,515
Roading Stabilizer -"Easy Ride" installed	1,201	712	489	545	323	222
7300 lb. Counterweight installed	7,301	-3,042	10,343	3,315	-1,381	4,696
Main Winch installed	614	-89	703	279	-40	319
Main Winch Wire Rope	196	-47	243	89	-21	110
Valve Cover installed	97	47	50	44	21	23
Fenders installed	470	235	235	214	107	107
Cummins 6BT5.9 engine w/ R-Shift Transmission	2,432	125	2,307	1,104	56	1,048
16:00 x 24 E-2 Tires installed	2,092	1,046	1,046	950	475	475
Front Axle installed	1,612	1,616	-4	732	734	-2
Rear Axle installed	2,183	-37	2,220	991	-17	1,008
Axle Lockout installed	15	4	11	7	2	5
Basic Machine	45,448	21,262	24,186	20,635	9,653	10,982
Adjustments for Options:						
62 ft. Boom installed	-981	-2,868	1,887	-445	-1,302	857
Remove "Easy Ride" Stabilizer	-172	-95	-77	-78	-43	-35
Power Plant Options:						
DDA 8.2L Engine w/ R-Shift Transmission	420	5	415	191	3	188
DDA 8.2L Engine w/ P-Shift Transmission	507	22	485	231	11	220
Cummins 6BT5.9 Engine w/ P-Shift Transmission	102	22	80	46	10	36
No-Spin Rear Axle	20	0	20	9	0	9
Tire Options:						
14:00 x 24 Tires	-158	-79	-79	-72	-36	-36
16:00 x 25 Tires	1,186	593	593	538	269	269
20.5 x 25 E-2 Tires	1,476	738	738	670	335	335
20.5 x 25 E-3 Tires	1,844	922	922	836	418	418
Main & Aux. Winch installed (w/o Rope)	560	-180	740	254	-82	336
Storage Box installed	75	87	-12	34	40	-6
Counterweights:						
6000 lb. CTWT for 62' Boom w/ Aux. Winch	-1,300	541	-1,841	-590	246	-836
6500 lb. CTWT for 62' Boom w/o Aux Winch	-800	333	-1,133	-363	151	-514
6800 lb. CTWT for 72' Boom w/ Aux. Winch	-500	458	-1,558	-499	208	707
Additions for Options:						
Front-Mounted Winch installed	338	534	-196	154	242	-88
Flood Lights installed	36	37	-1	16	17	-1
Pintle Hook installed in front	34	52	-18	15	23	-8
Pintle Hook installed rear	34	-18	52	15	-8	23
Diesel Heater installed	44	9	35	20	4	16
Propane Heater installed	52	10	42	23	4	19
Air Dryer installed	23	-7	30	10	-3	13
Aux. Winch Rope (360' x .50 Dia.)	166	-73	239	75	-33	108
Boom Attachments (on 72 ft. boom):						
Auxiliary Boom Point Sheave installed	91	277	-186	41	126	-85
25 ft. Lattice Extension mtd. side of boom	816	1,321	-505	370	600	-230
25-35 ft. Lattice Extension mtd. side of boom	1,214	1,739	-525	551	790	-239
A-Frame Jib underslung	546	1,144	-600	248	519	-271
10 ton Hook Block 1 sheave	325	953	-628	148	433	-285
15 ton Hook Block 2 sheaves	336	986	-650	153	447	-294
22 ton Hook Block	354	1,038	-684	161	471	-310
5 ton Hook	121	361	-240	55	164	-109
Boom Attachments (on 62 ft boom):						
Auxiliary Boom Point Sheave installed	91	241	-150	41	109	-68
25 ft. Lattice Extension mtd. side of boom	816	994	-178	370	452	-82
25-35 ft. Lattice Extension mtd. side of boom	1,214	1,253	-39	551	569	-18
A-Frame Jib underslung	546	926	-380	248	420	-172
10 ton Hook Block 1 sheave	325	823	-498	148	374	-226
15 ton Hook Block 2 sheaves	336	851	-515	153	486	-133
22 ton Hook Block 3 sheaves	354	897	-543	161	407	-246
5 ton Hook	121	313	-192	55	142	-87



DIMENSIONS TYPICAL FOR ALL ATTACHMENTS

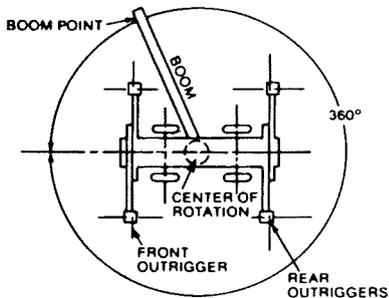


Range Diagrams

Standard 72 Foot Powered Boom

areas of operation

ON OUTRIGGERS



ON TIRES

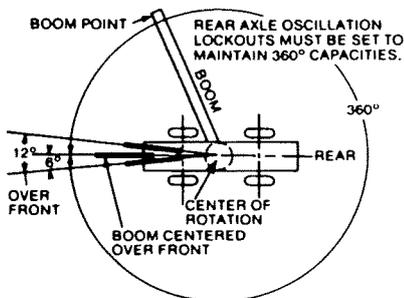


CHART 1

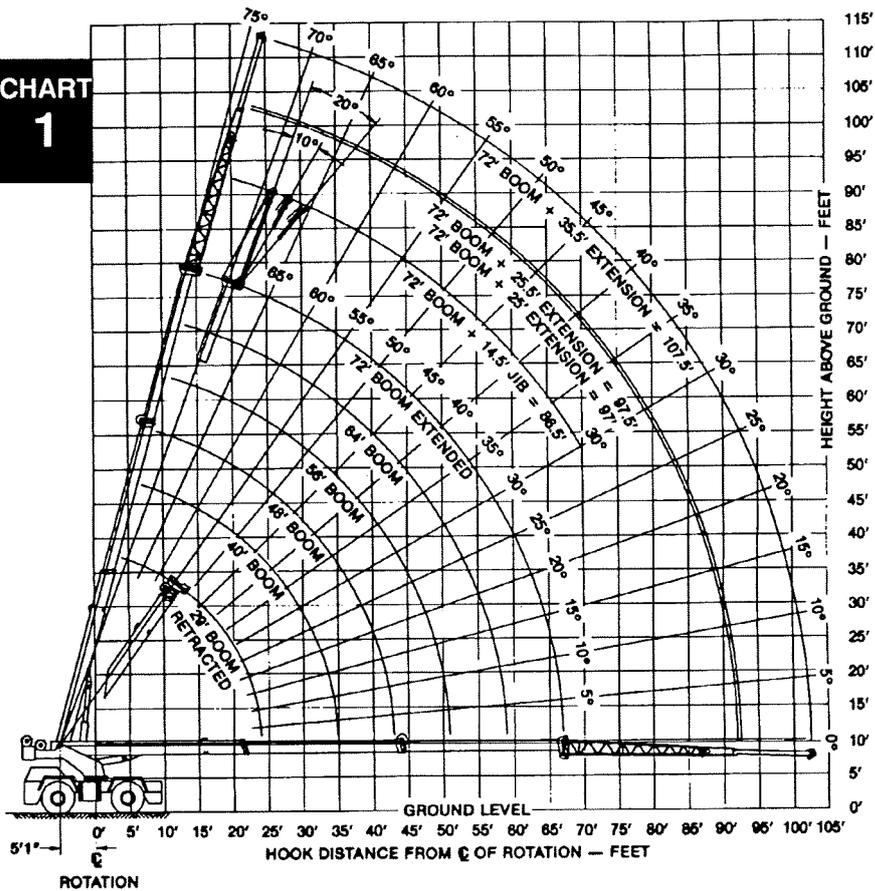
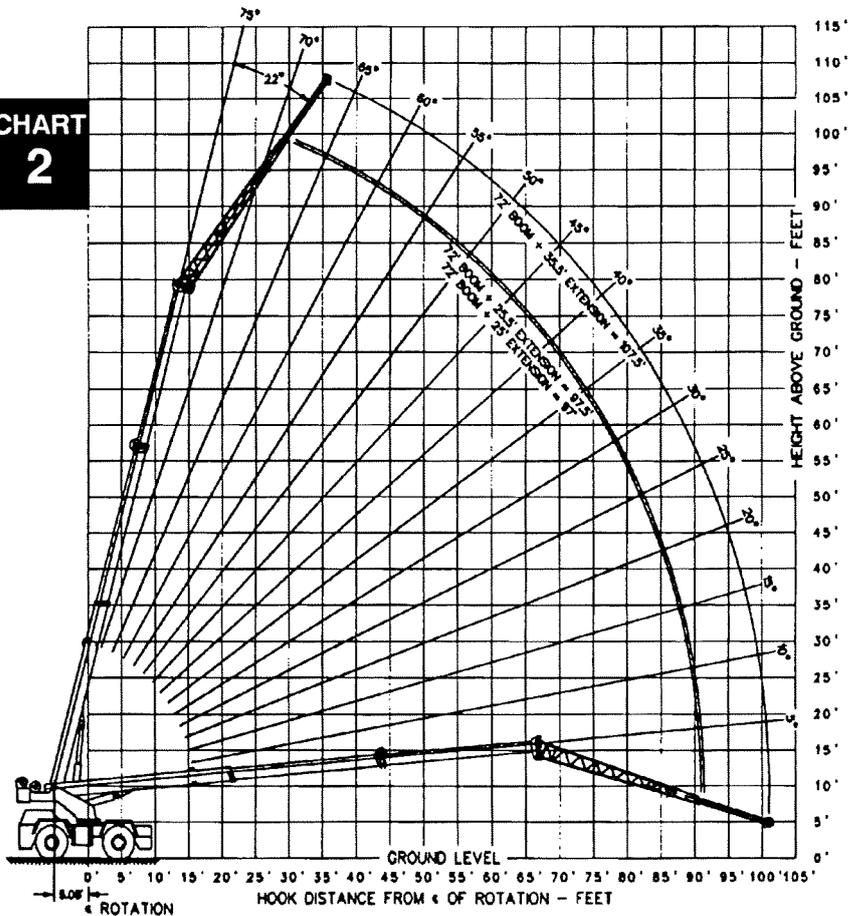


CHART 2



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Standard 72 Foot Powered Boom Century 122 - Rated Crane Loads in Pounds

CHART 3

POWERED BOOM RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED												
POWERED BOOM LENGTH												
OPERATING T. IN FT.	29 FT. 360°		40 FT. 360°		48 FT. 360°		56 FT. 360°		64 FT. 360°		72 FT. 360°	
	10	63	44000	71	38100	75	37400					
12	58	40000	68	37500	72	35600						12
15	51	33400	63	32600	68	30800	72	29400	75	27900		15
20	34	24900	55	24900	62	24900	67	24100	70	23000	73	21700
25			45	19200	54	19200	61	19200	65	19200	69	18400
30			32	15400	46	15400	54	15400	60	15400	64	15400
35					37	11900	47	11900	54	11900	60	11900
40					23	9300	39	9300	48	9300	54	9300
45							30	7500	42	7500	49	7500
50							13	6100	34	6100	43	6100
55									23	5100	36	5100
60											28	4200
65											16	3500

INFORMATION:

- Crane load ratings do not exceed 85% of tipping load.
- Ratings above the line are based on the machine's hydraulic or structural competence and not on machine stability.
- Deductions must be made from rated loads for stowed lattice extension or jib, optional attachments, hooks and hookblocks (see Deductions Chart on page 12). Weights of slings and all other load handling devices shall be considered part of the load.
- Crane load ratings with outriggers are based on the outriggers fully extended and set to a distance of 9 feet from the longitudinal axis of the carrier to the outrigger float pin connection with all load removed from carrier wheels.

CHART 4

MAXIMUM JIB LOAD RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED			
MIN. BOOM ANGLE	JIB ANGLE		
	0°	10°	20°
75°	13000	11200	9500
70°	12000	10500	8500
65°	10500	9600	7800
60°	8000	7500	7200
55°	6300	6000	5800
50°	5200	5000	4800
45°	4300	4200	41100
40°	3700	3600	3500
35°	3200	3100	3100
30°	2800	2800	2800

JIB CAPACITY NOTES:

- Jib load ratings above the heavy line are based on structural competence of the machine. Ratings below the line are based on stability of the machine and do not exceed 85% of tipping load with fully extended outriggers. Use of outriggers are required when boom is equipped with a jib.
- For bucket ratings on jib, deduct 20% from maximum jib load ratings.
- Warning: Do not lift with jib at boom angles below 30°. Loss of stability below 30° occurs rapidly.

2° OFFSET

LATTICE EXTENSION LOAD RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED												
OPERATING T. IN FT.	25 FT. LATTICE EXTENSION		25.5-35.5 FT. LATTICE EXTENSION RETRACTED		25.5-35.5 FT. LATTICE EXTENSION EXTENDED							
	FOR 97 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 97.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°
27	75	13000	27	75	13000	27						
30	73	12300	30	73	11900	30	75	9300				
35	70	11100	35	70	10700	35	72	8800				
40	66	10000	40	66	9700	40	69	8300				
45	63	8200	45	63	7900	45	66	7900				
50	59	6800	50	59	6500	50	63	6900				
55	56	5700	55	56	5500	55	60	5800				
60	52	4900	60	52	4600	60	57	4900				
65	47	4100	65	48	3900	65	53	4200				
70	43	3600	70	43	3300	70	49	3600				
75	38	3100	75	38	2800	75	45	3100				
80	32	2600	80	33	2300	80	41	2700				
85	25	2200	85	26	2000	85	37	2300				
90	15	1900	90	16	1600	90	31	1900				
							95	25	1600			
							100	16	1400			

- NOTE:**
- Stability ratings do not exceed 85% of tipping loads.
 - When boom is not fully extended, use only boom angles to determine load ratings.
 - For boom angles not shown, use rating of next lower boom angle.

WARNING:

Deductions from offset extension load ratings must be applied according to Deduction Table on Page 12.

22° OFFSET

LATTICE EXTENSION LOAD RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED												
OPERATING T. IN FT.	25 FT. LATTICE EXTENSION		25.5-35.5 FT. LATTICE EXTENSION RETRACTED		25.5-35.5 FT. LATTICE EXTENSION EXTENDED							
	FOR 97 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 97.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°	FOR 107.5 FT. BOOM ONLY	RATED LOAD IN POUNDS 360°
35	74	8200	35	74	7900	35						
40	71	7700	40	71	7400	40	75	5500				
45	67	7300	45	67	7000	45	72	5200				
50	64	6900	50	64	6600	50	69	4900				
55	60	6100	55	60	5800	55	66	4600				
60	56	5100	60	56	4900	60	63	4400				
65	52	4400	65	52	4100	65	59	4200				
70	47	3700	70	47	3500	70	55	3900				
75	42	3200	75	42	2900	75	52	3400				
80	36	3700	80	36	2400	80	47	2900				
85	28	2300	85	29	2000	85	42	2500				
90	16	1900	90	18	1600	90	37	2100				
							95	30	1700			
							100	18	1400			

- NOTE:**
- Stability ratings do not exceed 85% of tipping loads.
 - When boom is not fully extended, use only boom angles to determine load ratings.
 - For boom angles not shown, use rating of next lower boom angle.

NOTE:

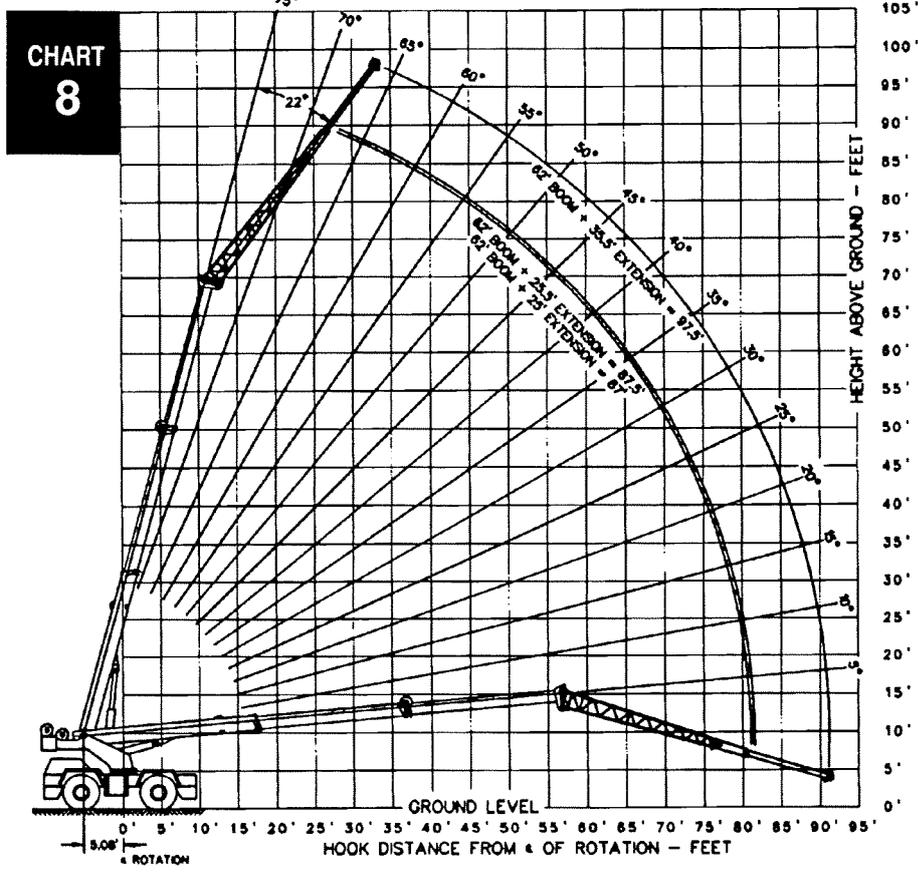
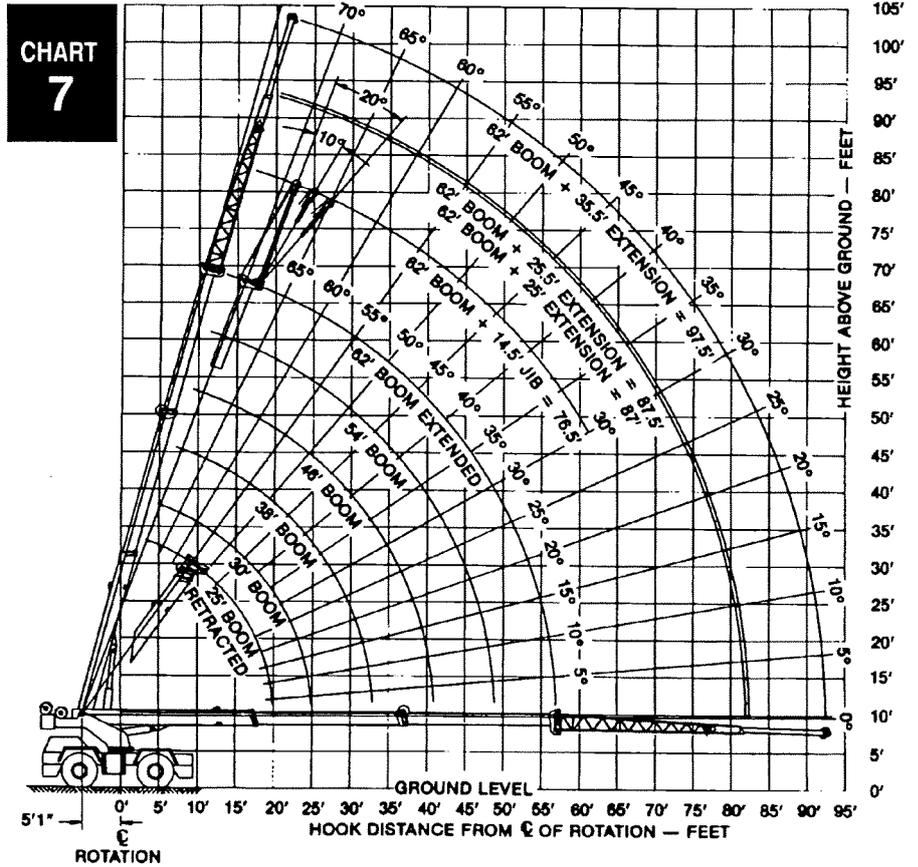
For Bucket ratings on 35.5 ft. extension, deduct 20% from load ratings.

Warnings, Definitions and Reaving Chart on page 11 apply to all load rating charts on this page.

Optional 62 Foot Boom Range Diagrams

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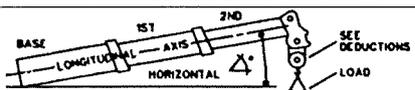
areas of
operation



Optional 62 Foot Powered Boom Century 122 - Rated Crane Loads in Pounds

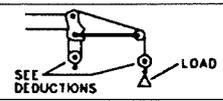
CHART 9

POWERED BOOM RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED													
POWERED BOOM LENGTH													
OPERATING T. IN FT.	25 FT.		30 FT.		38 FT.		46 FT.		54 FT.		OPERATING T. IN FT.		
	360°	360°	360°	360°	360°	360°	360°	360°	360°				
10	57	44000	64	41400	70	38700	74	38000			10		
12	52	40300	59	40300	67	38300	72	36300			12		
15	41	33500	52	33500	62	33300	67	31500	72	30000	74	28500	15
20			37	24900	52	24900	60	24900	66	24600	70	23400	20
25					41	19200	53	19200	60	19200	64	19200	25
30					26	15000	44	15000	53	15000	59	15000	30
35							33	11500	45	11500	63	11500	35
40							14	9100	37	9100	47	9100	40
45									25	7400	39	7400	45
50											30	6100	50
55											17	5100	55



MAXIMUM JIB LOAD RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED			
MIN. BOOM ANGLE	JIB ANGLE		
	0°	10°	20°
75°	13000	11500	9700
70°	12000	10700	8600
65°	11500	9800	7900
60°	9900	8900	7400
55°	7900	7500	6900
50°	6500	6200	6000
45°	5500	5300	5200
40°	4800	4700	4600
35°	4200	4100	4100
30°	3800	3800	3700

CHART 10



INFORMATION:

- Crane load ratings do not exceed 85% of tipping load.
- Ratings above the line are based on the machine's hydraulic or structural competence and not on machine stability.
- Deductions must be made from rated loads for stowed lattice extension or jib, optional attachments, hooks and hookblocks (see Deductions Chart on page 12). Weights of slings and all other load handling devices shall be considered part of the load.
- Crane load ratings with outriggers are based on the outriggers fully extended and set to a distance of 9 feet from the longitudinal axis of the carrier to the outrigger float pin connection with all load removed from carrier wheels.

JIB CAPACITY NOTES:

- Jib load ratings above the heavy line are based on structural competence of the machine. Ratings below the line are based on stability of the machine and do not exceed 85% of tipping load with fully extended outriggers. Use of outriggers are required when boom is equipped with a jib.
- For bucket ratings on jib, deduct 20% from maximum jib load ratings.
- Warning: Do not lift with jib at boom angles below 30°. Loss of stability below 30° occurs rapidly.

2° OFFSET

LATTICE EXTENSION LOAD RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED										
OPERATING T. IN FT.	25 FT. LATTICE EXTENSION		25.5-35.5 FT. LATTICE EXTENSION RETRACTED		25.5-35.5 FT. LATTICE EXTENSION EXTENDED		OPERATING T. IN FT.			
	360°	360°	360°	360°	360°					
25	73	13000	25	73	13000	25				
30	70	12400	30	70	12000	30	73	9000		
35	66	11100	35	66	10700	35	70	8500		
40	62	9700	40	63	9500	40	66	8000		
45	58	8000	45	59	7700	45	63	7500		
50	54	6700	50	55	6400	50	60	6800		
55	50	5700	55	50	5400	55	56	5700		
60	45	4900	60	45	4600	60	52	4900		
65	40	4200	65	40	3900	65	48	4200		
70	34	3600	70	34	3300	70	44	3700		
75	26	3100	75	27	2800	75	39	3200		
80	15	2700	80	17	2400	80	33	2800		
						85	26	2400		
						90	17	2100		

- NOTE:**
- Stability ratings do not exceed 85% of tipping loads.
 - When boom is not fully extended, use only boom angles to determine load ratings.
 - For boom angles not shown, use rating of next lower boom angle.

WARNING:
Deductions from offset extension load ratings must be applied according to Deduction Table on Page 12.

22° OFFSET

LATTICE EXTENSION LOAD RATINGS IN POUNDS WITH OUTRIGGERS EXTENDED										
OPERATING T. IN FT.	25 FT. LATTICE EXTENSION		25.5-35.5 FT. LATTICE EXTENSION RETRACTED		25.5-35.5 FT. LATTICE EXTENSION EXTENDED		OPERATING T. IN FT.			
	360°	360°	360°	360°	360°					
30	75	8500	30	75	8200	30				
35	71	8000	35	71	7600	35				
40	68	7500	40	68	7100	40	73	5400		
45	64	7000	45	64	6600	45	69	5000		
50	60	6600	50	60	6200	50	66	4700		
55	55	6000	55	55	5700	55	62	4400		
60	50	5100	60	50	4800	60	58	4200		
65	45	4400	65	45	4100	65	54	4000		
70	38	3700	70	39	3500	70	50	3800		
75	30	3200	75	31	2900	75	45	3400		
80	18	2700	80	19	2500	80	39	2900		
						85	31	2500		
						90	20	2100		

- NOTE:**
- Stability ratings do not exceed 85% of tipping loads.
 - When boom is not fully extended, use only boom angles to determine load ratings.
 - For boom angles not shown, use rating of next lower boom angle.

NOTE:
For Bucket ratings on 35.5 ft. extension, deduct 20% from load ratings.

Warnings, Definitions and Reeving Chart on page 11 apply to all load rating charts on this page.

"On Tires"
Standard 72 Ft. Powered Boom

CHART 14

CHART 13

OPERATING HEIGHT	16:00 x 24-16 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	33300	22300	28400	18800
12	28000	16500	24600	16100
15	19000	11400	19000	13100
20	11700	7000	11700	9600
25	8200	4800	8200	7500
30	6000	3300	6000	5800
35	4500	2300	4500	4500
40	3400	1600	3400	3400
45	2700	1100	2700	2700
50	2000		2000	2000
55	1500		1500	1500
60	1100		1100	1100

OPERATING HEIGHT	14:00 X 24-20 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	28700	22600	24100	18500
12	24700	16900	20800	15900
15	1900	11700	17100	12900
20	11700	7200	11700	9500
25	8200	4900	8200	7300
30	5900	3400	5900	5700
35	4500	2400	4500	4500
40	3400	1600	3400	3400
45	2700	1100	2700	2700
50	2000		2000	2000
55	1500		1500	1500
60	1100		1100	1100

CHART 15

OPERATING HEIGHT	16:00 X 25-24 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	33600	23400	31400	26600
12	28600	17300	27300	23100
15	19400	12000	19400	19100
20	12000	7400	12000	12000
25	8400	5100	8400	8400
30	6100	3500	6100	6100
35	4700	2500	4700	4700
40	3500	1700	3500	3500
45	2800	1200	2800	2800
50	2100		2100	2100
55	1600		1600	1600
60	1200		1200	1200

CHART 16

OPERATING HEIGHT	17.50 X 25-20 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	28900	22000	24300	18500
12	24900	16200	21000	15900
15	19000	11300	17300	12900
20	11700	6900	11700	9500
25	8200	4700	8200	7400
30	5900	3200	5900	5700
35	4500	2300	4500	4500
40	3400	1500	3400	3400
45	2700	1000	2700	2700
50	2000		2000	2000
55	1500		1500	1500
60	1100		1100	1100

OPERATING HEIGHT	20.50 X 25-20 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	32800	24100	28400	20000
12	28300	17800	24700	17200
15	19400	12300	19400	14000
20	12000	7600	12000	10400
25	8400	5200	8400	8100
30	6100	3600	6100	6100
35	4700	2600	4700	4700
40	3600	1800	3600	3600
45	2800	1300	2800	2800
50	2100		2100	2100
55	1600		1600	1600
60	1200		1200	1200

CHART 17

WARNINGS:

1. When transporting a load, machine must be on a firm, level surface with mechanical houselock engaged. The load must be centered over front of machine and restrained from swinging. See "Areas of Operation" on page 6 for working ranges.
2. Crane load rating on tires apply only when rear axle lockouts are engaged when swinging 360°.
3. Do not attempt lifts on tires with jib or extension erected.
4. Lift with shortest boom possible for each radius.

DEFINITIONS:

1. Creep is motion for less than 200 feet in a 30 minute period and not exceeding 1 mph.

INFORMATION:

1. Ratings above the heavy lines are based on structural competence and not on machine stability.
2. It is recommended that outriggers be extended as far as possible and clear of ground when lifting on tires.
3. Stability ratings do not exceed 75% of tipping loads.

CHART 18

TIRE INFLATION			
SIZE	STATIC & CREEP	2 1/2 MPH	TRAVEL
16:00 x 24-16 PR	80 PSI	60 PSI	50 PSI
14:00 x 24-20 PR	110 PSI	100 PSI	75 PSI
16:00 x 25-24 PR	100 PSI	100 PSI	75 PSI
17.50 x 25-20 PR	95 PSI	85 PSI	60 PSI
20.50 x 25-20 PR	80 PSI	65 PSI	50 PSI

WARNING: CRANE LOAD RATINGS WITHOUT OUTRIGGERS DEPENDS ON TIRE CAPACITY AND CONDITION OF TIRES, INFLATED PER TABLE.

"On Tires" Optional 62 Ft. Powered Boom

CHART 20

CHART 19

OPERATING HEIGHT	16:00 x 24-16 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	33400	21000	28600	19000
12	26700	15500	24900	16300
15	18200	10800	18200	13300
20	11400	6800	11400	10000
25	8000	4600	8000	7800
30	5800	3200	5800	5800
35	4400	2300	4400	4400
40	3400	1600	3400	3400
45	2700	1100	2700	2700
50	2100		2100	2100
55	1600		1600	1600
60				

OPERATING HEIGHT	14:00 X 24-20 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	28800	21500	24300	18700
12	24800	15900	21000	16100
15	18100	11100	17400	13100
20	11400	7000	11400	9900
25	7900	4800	7900	7700
30	5600	3300	5800	5800
35	4400	2400	4400	45400
40	3400	1600	3400	3400
45	2700	1210	2700	2700
50	2100		2100	2100
55	1600		1600	1600
60				

OPERATING HEIGHT	16:00 X 25-24 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	33700	22100	31600	26800
12	27200	16300	27200	23300
15	18500	11400	18500	18500
20	11600	7200	11600	11600
25	8200	4900	8200	8200
30	6000	3400	6000	6000
35	4600	2500	4600	4600
40	3500	1700	3500	3500
45	2800	1200	2800	2800
50	2200		2200	2200
55	1700		1700	1700
60				

CHART 21

CHART 22

OPERATING HEIGHT	17.50 X 25-20 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	29000	20700	24500	18800
12	25100	15300	21200	16100
15	18100	10700	17500	13200
20	11400	6700	11400	9900
25	8000	4600	8000	7700
30	5800	3200	5800	5800
35	4400	2300	4400	4400
40	3400	1600	3400	3400
45	2700	1100	2700	2700
50	2100		2100	2100
55	1600		1600	1600
60				

OPERATING HEIGHT	20.50 X 25-20 PLY TIRES			
	STATIONARY		PICK & CARRY BOOM CENTERED OVER FRONT	
	± 6° ARC OVER FRONT	360° ARC	CREEP	2 1/2 MPH
10	32900	22800	28600	20200
12	28500	16800	24900	17400
15	18600	11700	18600	14300
20	11700	7400	11700	10800
25	8200	5100	8200	8200
30	6000	3600	6000	6000
35	4600	2600	4600	4600
40	3500	1800	3500	3500
45	2800	1300	2800	2800
50	2200		2200	2200
55	1700		1700	1700
60				

CHART 23

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CHART 24

MAIN & AUXILIARY HOIST REEVING 6 X 25									
1/2" DIA. WIRE ROPE - BREAKING STRENGTH 26,600 LBS.									
PARTS OF LINE	1	2	3	4	5	6	7	8	9
MAXIMUM LOAD	7600	15200	22800	30400	38000	44000			
MAIN & AUXILIARY HOIST REEVING 8 X 19									
1/2" DIA. WIRE ROPE - BREAKING STRENGTH 23,400 LBS.									
PARTS OF LINE	1	2	3	4	5	6	7	8	9
MAXIMUM LOAD	4650	9300	13950	18600	23250	27900	32550		

DEFINITIONS:

- Operating radius is the horizontal distance from the center of rotation before loading to the center of the vertical hoist line or tackle with load applied.
- Loaded boom angle, as shown in the column headed by α , is the included angle between the horizontal and longitudinal axes of the boom base after lifting rated load at rated radius.

WARNINGS:

- Loaded boom angle at specified boom lengths give only an approximation of the operating radius. The boom angle before loading should be greater to account for deflections. Do not exceed the operating radius for rated loads.
- Positioning or operation of powered boom lengths at radii beyond the maximums or minimums shown, is not intended or approved.
- Positioning or operation of lattice extensions or jib at boom angles beyond the maximums or minimums shown, is not intended or approved.
- For powered boom lengths not shown, use rating of next longer boom length. For load radii not shown, use rating of next longer radius.
- Crane load ratings on outriggers are based on freely suspended loads with the machine leveled and standing on a firm, uniform supporting surface. No attempt shall be made to move a load horizontally on the ground in any direction.
- Practical working loads depend on supporting surface, wind, and other factors affecting stability, hazardous surroundings, experience of personnel, and proper handling, all of which must be taken into account by the operator.
- The maximum load which may be telescoped is limited by hydraulic pressure, boom angle, and powered boom lubrication. It is safe to attempt to telescope any load within the limits of the load rating chart.

NOTE: OPERATION OF THIS EQUIPMENT IN EXCESS OF RATED LOADS AND DISREGARD OF INSTRUCTIONS IS AN UNSAFE PRACTICE AND WILL RESULT IN DENIAL OF WARRANTY CLAIMS.

DEDUCTIONS TO BE MADE FROM LOAD RATINGS IN POUNDS

CHART 25

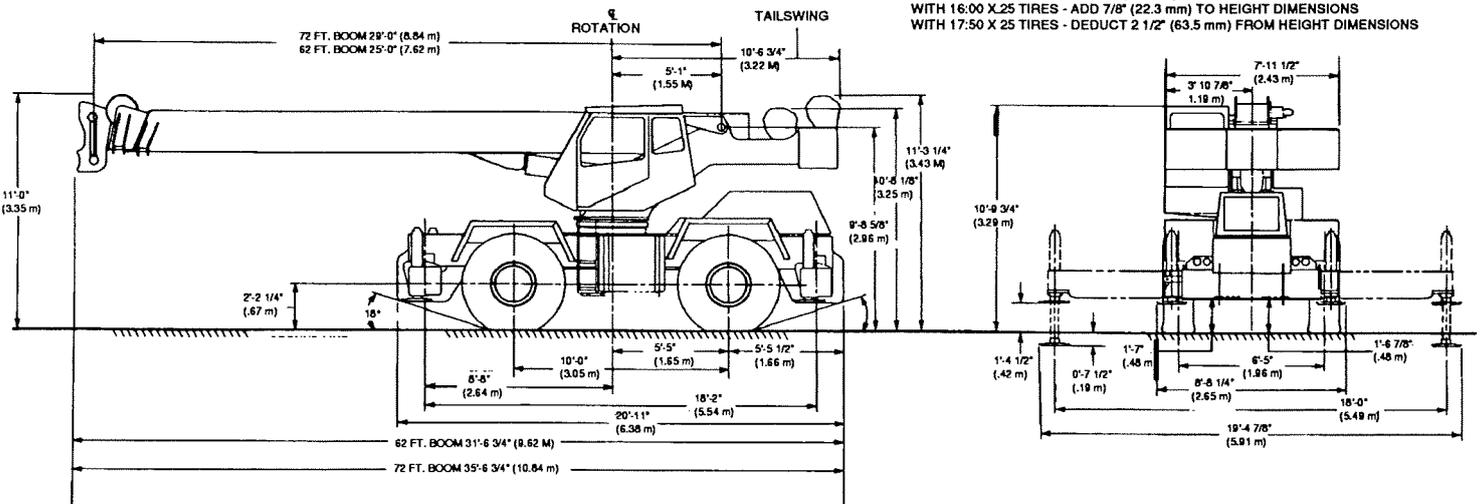
DESCRIPTION		HOOK BLOCK ON POWERED BOOM POINT					
		WITHOUT HOOK BLOCK ON BOOM POINT	5 TON	10-22 TON	5 TON WITH AUXILIARY SHEAVE	10-22 TON WITH AUXILIARY SHEAVE	
HOISTING LOAD FROM POWERED BOOM	HOOK BLOCK WEIGHT	-----	150	350	250	450	
	25 FT. LATTICE EXTENSION	STOWED	-----	200	400	300	500
		ERECTED ONLY	-----	1200	1400	1300	1500
		5 TON BLOCK	-----	1450	1650	1550	1750
	10 TON BLOCK	-----	1850	2050	1950	2150	
	25.5 FT. LATTICE EXTENSION	STOWED	-----	150	350	250	450
		ERECTED ONLY	-----	1850	2050	1950	2150
		5 TON BLOCK	-----	2100	2300	2200	2400
	10 TON BLOCK	-----	1500	2700	2600	2800	
	35.5 FT. LATTICE EXTENSION	ERECTED ONLY	-----	2000	2200	2100	2300
5 TON BLOCK		-----	2300	2500	2400	2600	
10 TON BLOCK		-----	3050	2950	3150	3050	
14.5 FT. JIB	STOWED	-----	300	500	400	600	
	ERECTED ONLY	-----	800	1000	900	1100	
	5 TON BLOCK	-----	1000	1100	1100	1300	
10 TON BLOCK	-----	1300	1500	1400	1600		
HOISTING LOAD FROM EXTENSION OR JIB	25 FT LATTICE EXTENSION	5 TON BLOCK	150	250	400	300	450
		10 TON BLOCK	350	450	600	500	650
	25.5 FT. LATTICE EXTENSION	5 TON BLOCK	150	250	400	300	450
		10 TON BLOCK	350	450	600	500	650
35.5 FT. LATTICE EXTENSION	5 TON BLOCK	150	250	400	300	400	
	10 TON BLOCK	350	450	600	500	600	
14.5 FT.	5 TON BLOCK	150	250	400	300	450	
		350	450	600	500	650	

dzwigi24.pl

Dimensions

NOTE: LOAD DEDUCTIONS APPLY ONLY TO P&H SUPPLIED EQUIPMENT

DIMENSIONS ARE WITH STANDARD TIRE SIZE - 16:00 X 24
 WITH 14:00 X 24 TIRES - DEDUCT 1 3/8" (34.9 mm) FROM HEIGHT DIMENSIONS
 WITH 20.5 X 25 TIRES - ADD 3/8" (9.5 mm) TO HEIGHT DIMENSIONS
 WITH 16:00 X 25 TIRES - ADD 7/8" (22.3 mm) TO HEIGHT DIMENSIONS
 WITH 17:50 X 25 TIRES - DEDUCT 2 1/2" (63.5 mm) FROM HEIGHT DIMENSIONS



	14:00 X 24	16:00 X 14	20.5X25	16:00 X 25	17:50 X 25
VEHICLE TURNING DIAMETER - 4 WHEEL STEER CRAMP	30'-7 3/4" (9.34m)	37'-9 1/8" (11.5m)	38'-1 1/8" (11.61m)	37'-11 1/4" (11.56m)	37'-8 1/4" (11.49m)
-FRONT AXLE STEER	55'- 3/4" (16.78m)	69'-3 3/4" (21.3m)	69'-7 3/4" (21.23m)	69'-5 7/8" (21.18m)	69'-3" (21.11m)
VEHICLE CLEARANCE DIAMETER - 4 WHEEL STEER CRAMP	35'-10 3/4" (10.94m)	42'-7 7/8" (13.00m)	42'-11 1/8" (13.08m)	42'-8 1/4" (13.01m)	42'- 8" (13.01m)
-FRONT AXLE STEER	60'-2 3/4" (18.36m)	74'-1 3/4" (22.61m)	74'-4 3/4" (22.68m)	74'-1 7/8" (22.61m)	74'-1 5/8" (22.60m)



NOTE: All designs, specifications and components of the equipment described above are subject to change at the manufacturer's sole discretion at any time and without advance notice. Data published herein is informational in nature and shall not be construed to warrant suitability of the machine for any particular purpose as performance may vary with conditions encountered. The only warranty applicable is our standard warranty for this machine.



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