



FEB. 2. 2007 1:41PM

NO. 6642 P. 8

P&H CENTURY T-280

28-ton hydraulic truck crane
116' (41.8 m) maximum tip height



Check these features against all other hydraulic truck cranes.

- 4-section, 91-foot boom. Four-plate welded inside and out. Rectangular, full depth for extra performance. Sections: 1-base, 2-powered, 1-pinned. Automatic equal extension of powered sections.
- Travels light. GVW-48,805 lbs. Front axle - 17,167 lbs. Rear tandem - 31,638 lbs.
- 25.5 ft. to 42.5 ft. swing-around lattice extension, offset-able to 22° for reaching over structures.
- 133.5-foot total reach, boom plus extension, with a tip height of 137 feet from the ground.
- Rugged P&H 6x4 carrier, 8 feet wide, with a Caterpillar 3208NA diesel engine, Road Ranger transmission (13 speeds forward, 3 speeds reverse). Expressway speeds plus off-highway grades to 69.5%.
- Extra wide 17'10" outrigger spread for solid stability.
- P&H model 1080 winches. Infinitely variable control, automatic multi-disc brakes.
- Volu-Matik hydraulic system (4 pumps, 145 gpm total flow) assures ample volume for simultaneous use of functions.
- Heavy duty electrical system for maximum reliability.
- Optional hydraulic front stabilizer for 360° operation.

Specifications



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LOAD RATINGS . . . On Tires

With 2,680 lbs. Counterweight

LOAD RATINGS IN POUNDS				
OPERATING RADIUS F.T.	10.00 X 20 (F) 10R X 20 (G)		REAR TIRES	
	STATIONARY		TRAVEL RATINGS OVER REAR	
	OVER REAR	OVER SIDE	OVER REAR	
			CREEP	2.5 MPH
10.0	23000	10100	17800	17000
12.0	18400	7500	16000	15000
15.0	13300	4900	13300	13000
20.0	8500	2300	8500	8500
25.0	5800		5800	5800
30.0	4000			
35.0	2600			

LOAD RATINGS IN POUNDS				
OPERATING RADIUS F.T.	15.0 X 22.5 (H) 16.5 X 22.5 (H)		REAR TIRES	
	STATIONARY		TRAVEL RATINGS OVER REAR	
	OVER REAR	OVER SIDE	OVER REAR	
			CREEP	2.5 MPH
10.0	13100	11400	11400	8200
12.0	11800	9300	10300	7200
15.0	10300	6900	8800	6000
20.0	8000	4000	7200	4800
25.0	5800		5800	3600
30.0	4000			
35.0	2800			

LOAD RATINGS IN POUNDS				
OPERATING RADIUS F.T.	15R X 22.5 (J)		REAR TIRES	
	STATIONARY		TRAVEL RATINGS OVER REAR	
	OVER REAR	OVER SIDE	OVER REAR	
			CREEP	2.5 MPH
10.0	9400	8400	8700	6700
12.0	8300	6800	7700	5800
15.0	7100	4900	6500	4700
20.0	5500	2300	5000	3400
25.0	4400		3900	2500
30.0	4000			
35.0	2800			

With 750 lbs. Counterweight

LOAD RATINGS IN POUNDS				
OPERATING RADIUS F.T.	10.00 X 20 (F) 10R X 20 (G)		REAR TIRES	
	STATIONARY		TRAVEL RATINGS OVER REAR	
	OVER REAR	OVER SIDE	OVER REAR	
			CREEP	2.5 MPH
10.0	21500	9000	16500	15500
12.0	16700	6600	15000	14000
15.0	12000	4200	12000	12000
20.0	7600	1700	7600	7600
25.0	3000		5000	5000
30.0	3400			
35.0	2200			

LOAD RATINGS IN POUNDS				
OPERATING RADIUS F.T.	15.0 X 22.5 (H) 16.5 X 22.5 (H)		REAR TIRES	
	STATIONARY		TRAVEL RATINGS OVER REAR	
	OVER REAR	OVER SIDE	OVER REAR	
			CREEP	2.5 MPH
10.0	12700	10100	11200	8000
12.0	11200	8000	10100	7000
15.0	9500	5700	8600	6000
20.0	7400	3200	6600	4600
25.0	5000		5000	3600
30.0	3400			
35.0	2200			

LOAD RATINGS IN POUNDS				
OPERATING RADIUS F.T.	15R X 22.5 (J)		REAR TIRES	
	STATIONARY		TRAVEL RATINGS OVER REAR	
	OVER REAR	OVER SIDE	OVER REAR	
			CREEP	2.5 MPH
10.0	9100	7700	8400	6400
12.0	8100	6200	7500	5600
15.0	7000	4200	6400	4600
20.0	5500	1700	5000	3400
25.0	4200		3900	2400
30.0	3400			
35.0	2200			

WARNINGS:

1. CRANE LOAD RATINGS WITHOUT OUTRIGGERS DEPENDS ON TIRE CAPACITY AND CONDITION OF TIRES INFLATED PER TABLE.
2. WHEN TRANSPORTING A LOAD, MACHINE MUST BE ON FIRM, LEVEL SURFACE WITH MECHANICAL HOUSELOCK ENGAGED. THE LOAD MUST BE CENTERED OVER REAR OF MACHINE AND RESTRAINED FROM SWINGING. SEE AREAS OF OPERATION PLATE FOR WORKING RANGES.
3. LIFT LOADS WITH MINIMUM BOOM LENGTH: DO NOT EXCEED 48 FEET BOOM LENGTH WHEN LIFTING ON RUBBER.
4. DO NOT ATTEMPT LIFTS ON TIRES WITH EXTENSION ERECTED.

DEFINITIONS:

1. CREEP IS MOTION FOR LESS THAN 200 FT. IN A 30 MINUTE PERIOD AND NOT EXCEEDING 1 M.P.H.

INFORMATION:

1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR STOWED LATTICE EXTENSION, OPTIONAL ATTACHMENTS, HOOKS AND HOOKBLOCKS (SEE DEDUCTIONS CHART). WEIGHTS OF SLINGS AND ALL OTHER LOAD HANDLING DEVICES SHALL BE CONSIDERED A PART OF THE LOAD.
2. RATINGS ABOVE THE HEAVY LINE ARE BASED ON STRUCTURAL COMPETENCE AND NOT ON MACHINE STABILITY.
3. IT IS RECOMMENDED THAT OUTRIGGERS BE EXTENDED AS FAR AS POSSIBLE AND CLEAR OF GROUND WHEN LIFTING ON TIRES.
4. STABILITY RATINGS DO NOT EXCEED 75% OF TIPPING LOADS.

TIRE INFLATION (PSI)			
SIZE	STATIC	CREEP	2 1/2 MPH
15.00x22.5 (H)	105	105	100
16.5x22.5 (H)	100	100	90
10.00x20 (F)	95	95	85
10Rx20 (G)	120	120	120
15Rx22.5 (J)	115	115	115

DEDUCTIONS TO BE MADE FROM LOAD RATINGS IN POUNDS				
DESCRIPTION	WITHOUT HOOK BLOCK ON BOOM POINT	HOOK BLOCK ON POWERED BOOM POINT		
		5 TON	10- 28 TON	5 TON WITH AUXILIARY SHEAVE
HOOK BLOCK WEIGHT	-	150	550	250
25 FT. LATTICE EXTENSION STOWED	-	250	550	350
25.5 FT. LATTICE EXTENSION STOWED	-	300	700	400



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EQUIPMENT (STANDARD): Front bumper, full fenders, low hooks front and rear, carrier-mount boom rack, and sliding engine hood. Back-up warning device, fire extinguisher, anti-skid decking.

EQUIPMENT (OPTIONAL): Cold weather starting aid, spare wheel, hydraulic front stabilizer and float (required for 360° ratings), windshield washer, air dryer, tool box, sound reduction package (82 DbA), and alcohol evaporator.



CAB: Low profile environmental cab of steel construction is mounted forward of the front suspension on the left side of the carrier frame. Cab is cushion mounted for vibration dampening and noise reduction. Large safety glass windows are used throughout, providing full view in all directions.

Operators four-way adjustable seat has torsion suspension.

CAB EQUIPMENT: Contains all roading controls and instrumentation. Includes illuminated instrument panel with speedometer, tachometer, hour meter, voltmeter and warning light, three (3) air pressure gauges with warning lights, fuel gauge, oil pressure gauge with warning lights, water temperature gauge with warning lights, master ignition switch, engine start button. Panel also includes switches for highway lights, dome light, windshield wiper and washer, engine starting aid (optional), heater, defroster, turn signals. Right side console includes interaxle differential lock, transmission shift lever and parking brake. Other cab equipment includes cigarette lighter, engine condition warning alarm, air horns, seat belt and West Coast rear view mirror.



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 operator's cab console switches or control stations on either side of carrier.

OUTRIGGER BEAMS: 80,000 PSI min. yield high strength alloy steel box extending to a maximum of 8'1" (2.71 m) from center of carrier (with machine fully raised on outriggers).

OUTRIGGER FLOATS: Removable floats with storage on carrier. Float size is 20.25" (514 mm) square.

FRONT AXLE: Rockwell FL-931 forged balanced section I-beam.

REAR AXLE: Rockwell SQ100 single reduction, with inter-axle differential.

SUSPENSION: Front — Rayco multi-leaf spring mounted with torque rods and shock absorbers. Rear — Hendrickson solid bogie, mounted tandem with torque rods.

STEERING: Ross 32.5:1 hydraulic powered gear and integral valve with Garrison dual hydraulic power assist cylinder, 18" (457 mm) diameter steering wheel.

SERVICE BRAKES: Rockwell Stopmasters on front, Maxi safety brakes on rear. Air on all six wheels — shoe type with separate front and rear air reservoirs for safety.

PARKING BRAKES: Maxi-spring set, air release on rear wheels.

TIRES: Standard — Front (2) and Rear (4) 15.00 x 22.5 Super Single Bias 16-ply Load Range H.

Optional — Front (2) and rear (4) 16.5 x 22.5 Super Single Bias 16-ply Load Range H.

Front (2) 15.00 x 22.5 Super Single Bias 16-ply Load Range H and Rear (8) 10.00 x 20 Dual Bias 12-ply Load Range F.

Front (2) 16.5 x 22.5 Super Single Bias 16-ply Load Range H and Rear (8) 10.00 x 20 Dual Bias 12-ply Load Range F.

Front (2) 15R x 22.5 Super Single Radial 16-ply Load Range J and Rear (8) 10R x 20 Dual Radial 14-ply Load Range G.

Front (2) and Rear (4) 15R x 22.5 Super Single Radial 16-ply Load Range J.



POWER PLANT:

ENGINE:	STANDARD	OPTIONAL
Make		Caterpillar Diesel
Model	3208NA	3208T (Calif.)
Type		Direct Injection Diesel
No. of Cylinders		8
Bore x Stroke, in.		4.5 x 5.0
		(114 x 127)
Displacement, in. ³		638
		liters
		10.4
Cycles		4
Air Induction	Naturally Aspirated	Turbocharged

TRANSMISSION:

Make	Fuller
Model	RT8613
	Road ranger
Speeds	13-speed Forward
	3-speed Reverse

Clutch: Spicer 14" (355.6 mm) single plate ceramic disc clutch.

TRANSMISSION:

Make	Atison
Model	MT-653 DR
	Automatic
Speeds	5-speed Forward
	1-speed Reverse

RATINGS:

	STANDARD	OPTIONAL
Horsepower, Gross	210 @ 2600 RPM	225 @ 2600 RPM
	SAE (157 kw)	SAE (166 kw)

PERFORMANCE:

(FULLER) STANDARD
Speed and gradeability based on 50,000 pounds (22,679 kg) G.V.W. and may vary due to engine performance, vehicle weights and tire options.

Low Gear	1.4 MPH (2.3 km/h)
High gear	48 MPH (77 km/h)
Max. grade	63.8%
Axle ratio	6.83

PERFORMANCE:

(ALLISON) OPTIONAL
Speed and gradeability based on 50,000 pounds (22,679 kg) G.V.W. and may vary due to engine performance, vehicle weights and tire options.

	OPTIONAL
Low gear	1.5 MPH (2.4 km/h)
High gear	56 MPH (90 km/h)
Max. grade	67.9%
Axle ratio	5.86

ACCESSORIES:

Air Cleaner	Two-stage dry type — replaceable element
Oil Filter	Full-flow with replaceable element
Fuel Filter	Heavy duty with replaceable element
Fuel Tank	FHWA approved (Left side of carrier)
	60 gal. (227 liters) cap.
Cooling	Liquid-pressurized, recirculating by-pass
Radiator	Fin and tube core, thermostat controlled
Fan	6 Blade, suction type, 26 in. (660 mm) dia.
Starting	12 volt motor
Charging	12 volt system with 65 amp. alternator, negative ground.
Battery	1 — 385 amp. hour
Compressor, air	12.9 CFM @ 1250 RPM
Governor, air	105-120 PSI

PUMP DRIVES: Driven off carrier engine with manual disconnect for travel.

Drive ratio: 1:1

HYDRAULIC SYSTEM: This system utilizes 4 pumps and is designed to provide ample volume and pressure for optimum performance. A heavy duty power steering pump operating at 2600 rpm (engine full load) provides 8 gpm (30 lpm) to steering circuit. Three main gear type pumps are piggy-back mounted (use common driveshaft) and driven off front of engine at 2600 rpm (engine full load). The pump closest to engine provides 36 gpm (136 lpm) to boom hoist and telescope circuits. The shaft end pump of the piggy-back mounted tandem pump provides 73 gpm (280 lpm) to main and auxiliary winch circuits. The cover end pump of the tandem provides 27 gpm (102 lpm) to swing and outrigger circuits.

Total flow for this system at governed engine speed is 145 gpm (548 lpm). High pressure oil leaving the pump to the swing and outrigger circuits is filtered to 20 microns to protect seals in cylinders, valves and motors, before entering the functioning circuits. All returning oil (100%) is filtered in a bypass type filter to 10 microns before entering the reservoir.

The 115 gal. (435.3 liter) reservoir is located on mid right side of 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. A single spool pressure compensated valve is used for swing metering control. Cable linkage connects valves to control levers. Air to oil cooler is standard.



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specifications

BOOM



BOOM: All boom sections are of full depth rectangular four plate construction, welded inside and out, with adjustable metal 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.

STANDARD: 91' (27.74M) four (4) section boom with manual section, 29' (8.8M) retracted length, 91' (27.74M), extended length, consisting of one base section, two hydraulically powered "first" and "second" sections and one manually pinned section that can be hydraulically extended or retracted.

Boom point contains one non-metallic idler sheave with bronze bushing and five load sheaves that are non-metallic with roller bearings. Sheaves are 11.875" (302mm) pitch diameter. Steel sheaves are optional.

25' (7.6M) LATTICE EXTENSION (OPTIONAL): Swing-around tapered lattice structure with single 13.125" (333mm) P.D. metallic 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. Offset 2° from boom. For extending reach of boom.

25'6" to 42'6" (7.8 - 12.95M) LATTICE EXTENSION (OPTIONAL): Swing-around tapered lattice structure with welded four-plate telescopic section and single 13.125" (333mm) P.D. metallic 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. Section is then extended or retracted and pinned with self-storing pins. Offset 2° from boom. For extending reach of boom.

EXTENSION OFFSET MECHANISM (OPTIONAL): Pivoting link which allows lattice extension to be offset to 22° from main boom.

AUXILIARY SHEAVE (OPTIONAL): Single 13.125" (333mm) P.D. metallic sheave with bronze bushings, bracket-mounted on boom point. For use with single auxiliary winch line.

HOOK BLOCKS (OPTIONAL):

5 Ton — weighted hook with swivel and safety latch, for 1/2" (13mm) wire rope.
10 Ton — Single sheave with swivel hook and safety latch, for 1/2" (13mm) wire rope.

15 Ton — 2 sheave with swivel hook and safety latch, for 1/2" (13mm) wire rope.
20 Ton — 4 sheave with swivel hook and safety latch, for 1/2" (13mm) wire rope.

UPPERSTRUCTURE



OPERATOR'S CAB: All-weather environmental cab of steel has hinged ceiling window, slide-by right side window with guard, large windows with full view in all directions and locking slide-by door. Safety glass used throughout. Operator's four-way adjustable seat has torsion suspension. Cab is 34.5 inches (876mm) wide with a stand-up height of 56 inches (1422mm) and is cushion-mounted for vibration dampening and noise reduction.

CAB ACCESSORIES (STANDARD): Cab contains all crane function controls in addition to mechanical boom angle indicator, electric windshield wiper, dash light, warning light and buzzer (monitoring hydraulic oil temperature, engine water temperature, air pressure and engine oil pressure), fuel gauge, master ignition switch, engine start button, seat belt, fire extinguisher, circular level, hand throttle, electric remote control of outriggers, and electronic anti-two block device.

CAB ACCESSORIES (OPTIONAL): Heater (diesel or propane fueled, thermostatically controlled), defroster fan, electric roof window wiper, windshield washer, electronic boom angle indicator, electronic boom length indicator, load moment device, drum rotation indicator for auxiliary winch, vandal-proof glass (lexan), floodlights, rear view mirrors, electric horn, and rotary roof beacon.



CONTROLS: In front of operator are foot pedals for boom hoist, swing brake, and engine throttle. Mounted on the left hand side of front console are double-acting levers for swing (with optional horn button) and telescope. At the right are levers for auxiliary winch (optional), main winch, and boom hoist. On right side of seat are floor mounted levers for 360° gear segment type house lock and swing holding brake. Drum rotation indicators are mounted on auxiliary (optional) and main (standard) winch levers. At operator's right are console mounted switches for master ignition, windshield wiper, defroster (optional), and outrigger controls. Also on console are engine start button, engine high temperature warning light, dash light, fuel gauge, air pressure gauge, circular level, and positive (air) hand throttle. Console has pre-wired removable modules for ease of service.



MAIN WINCH: P&H Model 1050 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: 1/2" (13mm) dia. 6 x 25 extra improved plow steel, with 7 x 7 I.W.R.C.

Optional: 1/4" (13mm) dia. 8 x 19 spin resistant extra improved plow steel, with 7 x 7 I.W.R.C.

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

Mechanical drum turn indicator.

Line Pull (Max): 10,309 lb. (4678 kg) 1st layer.

Line Pull (Permissible — Based on Strength of Wire Rope):

7600 lbs. (3454 kg) 6 x 25 cable

4650 lbs. (2109 kg) 8 x 19 spin resistant cable

Line Speed Up (Max): 385 fpm (109m/m) 5th layer.

AUXILIARY WINCH (OPTIONAL): Same as main winch. Mounted on rear of revolving frame. Complete with 360° (110m) wire rope and additional boom point idler sheave.

SHEAVE AND DRUM TO WIRE ROPE RATIOS: (Pitch Diameter)

	Sheave to Wire Rope	Drum to Wire Rope
Boom Main Sheave	23.8 to 1	— —
Boom Idler Sheave	23.8 to 1	— —
Main Winch	— —	19.3 to 1
Aux. Winch	— —	19.3 to 1



BOOM HOIST: One 11.0" (279mm) bore 58.0 stroke cylinder, double acting. Hydraulically powered raising and lowering with holding valve.

BOOM TELESCOPE: Two 5.25" (133mm) I.D. cylinders for 91' boom. Hydraulically powered extending and retracting with holding valve.



SWING UNIT: Hydraulic motor driving through P&H Model 580 double reduction gear reducer to pinion gear, 360° continuous rotation to 2.4 RPM.

SWING GEAR: External cut spur gear 39.867" (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: A positive 360° position lock is manually engaged with house lock lever.

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.

ROTARY MANIFOLD: Sealed rotary swivel for air and hydraulic hose connections between rotating upper and carrier. Quickly removable from above or below for servicing. Electrical swivel is mounted on top of air and hydraulic swivel.

CARRIER



P&H 6 x 4

FRAME: All-welded unitized construction assures rigidity and permanent alignment of swing bearing and rotating upper machinery. Fabricated of rectangular main frame beams of high strength 80,000 psi minimum yield alloy steel and reinforced with box cross members of high strength 80,000 psi minimum yield alloy steel.

LIGHTS: Dual headlights, tail lights, stop lights, front and rear directional signals with emergency flashers, rear license plate light, front, rear and side clearance lights with integral reflectors, dome light, and front identification lights.

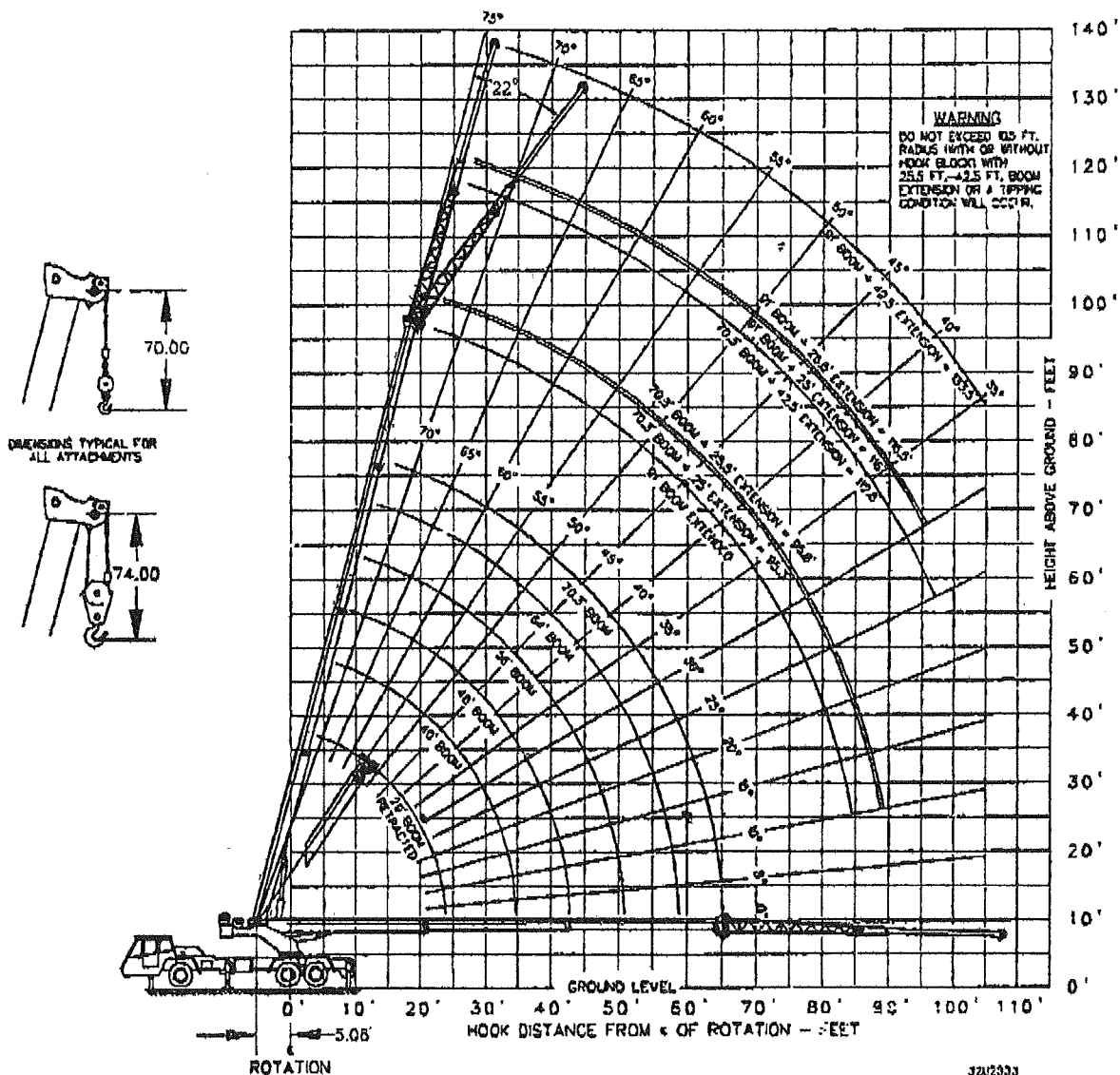


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VEHICLE WEIGHTS

ITEM	WEIGHT DISTRIBUTION						ITEM	WEIGHT DISTRIBUTION					
	KILOGRAMS			POUNDS				KILOGRAMS			POUNDS		
	GROSS	FRONT	REAR	GROSS	FRONT	REAR		GROSS	FRONT	REAR	GROSS	FRONT	REAR
Basic Carrier	10224	3829	6395	22540	8442	14097	ADJUSTMENTS FOR OPTIONS - BASIC MACHINE						
Basic Upper	2409	-12	2418	5304	-28	5332							
ENGINE - CAT 3208	1255	1063	192	2767	2343	423							
Front Tires 15 x 22.5	234	234	0	516	516	0							
Rear Tires 15 x 22.5	492	0	492	1085	0	1085							
Front Hyd. Stabilizer	166	206	-40	366	455	-89	ADDITIONS FOR OPTIONS - CARRIER						
Main Winch	515	-155	670	1135	-343	1478							
1/2 x 425' MW Rope	89	-29	118	196	-84	881							
Slab C' Weight or Aux. Winch	903	-142	445	868	-313	981							
Counterweight Shell	344	-153	487	768	-338	1086							
9'1/4 Sect. Boom	4934	2691	2243	10877	5933	4944	ADDITIONS FOR OPTIONS - UPPER						
Hoist Cylinder	529	87	482	1186	148	1018							
ATB Warning	41	24	17	90	53	37							
28 Ton Hook Block Stowed on Rear Deck	236	-89	325	520	-196	716							
25' Extension	370	253	117	816	558	258							
BASIC MACHINE	22138	7787	14351	48805	17167	31638	ADDITIONS FOR OPTIONS - ATTACHMENTS						
ADJUSTMENTS FOR OPTIONS - BASIC MACHINE													
Front Tool Box	76	82	-16	167	203	-36							
Front Tires 16.5 x 22.5	24	24	0	54	54	0							
Rear Tires 10.00 x 20	299	0	299	659	0	659							
Rear Tires 10.00R x 20	350	0	350	771	0	771	5 Ton Ball Hook	55	78	-23	121	173	-51
							10 Ton Hook Block	149	211	-83	326	464	-136
							Aux. Sheave	41	80	-19	90	132	-42
							1/2 x 380' AW Rope	75	-33	108	185	-73	238



RANGE DIAGRAM



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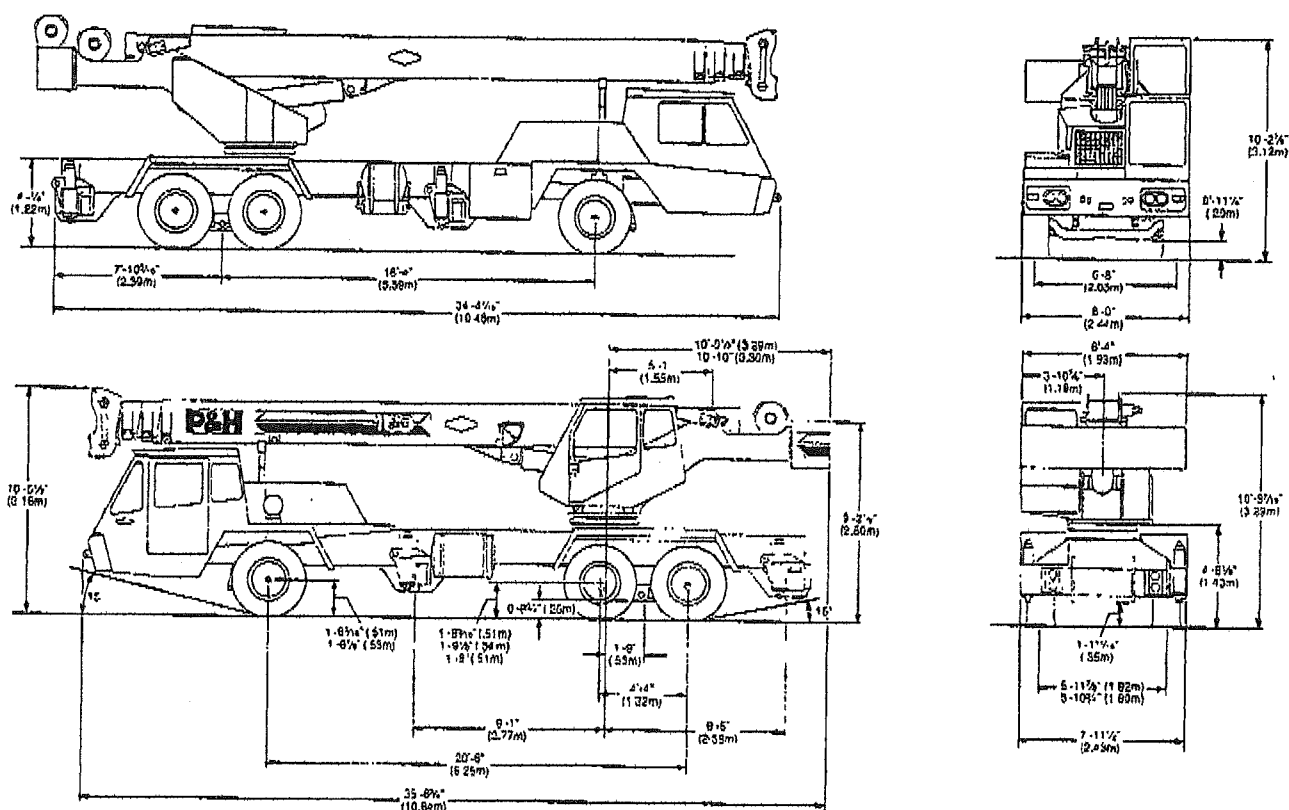
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Item	Weight Distribution — For Publication					
	Pounds			Kilograms		
	Gross	Front	Rear	Gross	Front	Rear
Basic Carrier	22,540	8,442	14,097	10,224	3,829	6,395
Basic Upper	5,304	-28	5,332	2,406	-12	2,418
Engine — Cat. 3208	2,767	2,343	423	1,255	1,063	192
Front Rear Tires — 15 x 22.5	516	516	0	234	234	0
Rear Rear Tires — 15 x 22.5	1,085	0	1,085	492	0	492
Front Hydraulic Stabilizer	366	455	-89	166	206	-40
Main Winch	1,135	-343	1,478	515	-155	670
1/2 x 425' MW Rope	196	-84	981	89	-29	118
Slab Counterweight	668	-313	981	303	-142	445
Counterweight Shell	758	-338	1,096	344	-153	497
91' 4 Section Boom	10,277	5,933	4,944	4,934	2,691	2,243
Hoist Cylinder	1,166	148	1,018	529	67	462
ATB Warning	90	53	37	41	24	17
28 Ton Hook Block	520	-196	716	236	-89	325
25' Extension	816	558	258	370	253	117
Basic Machine	48,805	17,167	31,638	22,138	7,787	14,351
Adjustments for Options — Basic Machine						
Front Tool Box	167	203	-36	76	92	-16
Front Rear Tires — 16.5 x 22.5	54	54	0	24	24	0
Rear Rear Tires — 10.00 x 20	659	0	659	299	0	299
Rear Rear Tires — 10.00 R20	771	0	771	350	0	350
25.5 - 42.5' Extension	663	392	271	301	178	123
28T H. Block and Front	0	936	-936	0	425	-425
Main and Auxiliary Winch	-128	104	-231	-58	47	-105
Additions for Options — Carrier						
Front Counterweight	871	1,180	-309	395	535	-140
Pintle Hook	33	-14	47	15	-6	21
Additions for Options — Upper						
Floodlights	35	13	22	16	6	10
Heater — LP	51	-5	56	23	-2	25
Heater — Diesel	44	-4	48	20	-2	22
Counterweight — Removable	2,136	-844	2,980	969	-383	1,352
Additions for Options — Attachments						
5 Ton Ball Hook	121	173	-51	55	78	-23
10 Ton Hook Block	326	464	-138	148	211	-63
Auxiliary Sheave	90	132	-42	41	60	-19
1/2 x 360' AW Rope	165	-73	238	75	-33	108

Table 1-5. Axle Loading Chart

GENERAL DIMENSIONS



NOTE: All designs, specifications and components of the equipment described above are subject to change at the manufacturer's sole discretion at any time 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 the conditions encountered. The only warranty applicable is our standard written warranty for this machine. Manufactured and sold in conformance with U.S. Department of Commerce Commercial Standard CS-90-58.



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