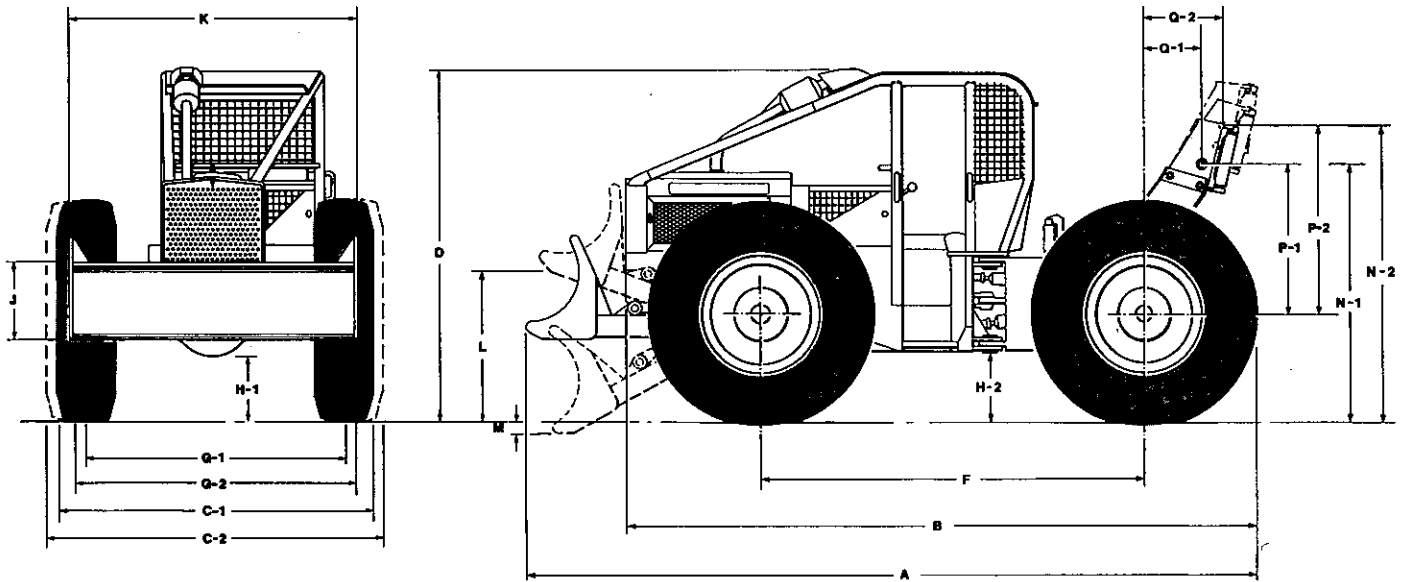


**230 D Timberjack Skidder**  
 92 h.p. - Standard Transmission

# Timberjack

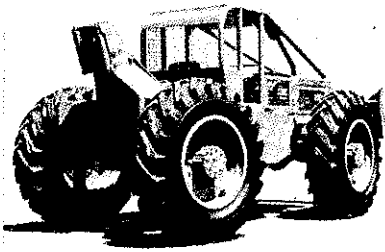
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A = 209" (5309 mm)	D = 104" (2642 mm)	H <sub>1</sub> = 22" (559 mm)	L = 50" (1270 mm)	P <sub>1</sub> = 46" (1168 mm)
B = 182" (4622 mm)	F = 111" (2819 mm)	H <sub>2</sub> = 23" (584 mm)	M = 6" (152 mm)	P <sub>2</sub> = 58" (1473 mm)
C <sub>1</sub> = 98" (2489 mm)	G <sub>1</sub> = 79" (2007 mm)	J = 23.5" (597 mm)	N <sub>1</sub> = 75" (1905 mm)	Q <sub>1</sub> = 16" (406 mm)
C <sub>2</sub> = 104" (2642 mm)	G <sub>2</sub> = 85" (2159 mm)	K = 82" (2099 mm)	N <sub>2</sub> = 87" (2209 mm)	Q <sub>2</sub> = 21" (533 mm)

# Timberjack

## 230 D Skidder



### Engine

Make/Model/Cyls. GM 3-53N/3-Cyl.  
\*Max. HP (IEMC Std.) 92  
\*\*Flywheel HP 83  
Governed RPM 2600 full load  
Max. Torque @ 1500 205 FP (28.2 kgm)  
Bore x Stroke 3 7/8" x 4 1/2" (98.4 mm x 114.3 mm)  
Displacement 159 cu. in (2.6 litres)  
Fuel Tank Cap. 24 U.S. gals. (91 litres)

\*Max. HP of basic engine under standard conditions, 60°F (16°C) at sea level.

\*\*Net usable HP at engine flywheel under standard SAE (J-816) ambient conditions with fan, alternator, water pump, lub., oil pump and air cleaner.

### Power Train

Transmission 4 speed synchromesh  
Transfer Case 2 speed  
No. of Speeds 8 forward and 8 reverse  
Speed Range 2.04 mph (3.28 km/hr.) to 16.15 mph (32.9 km/hr.)  
Axles Rockwell Standard PR-75 with Duo-Cone seal.  
Axle Oscillation 19" (483 mm) at tire

### Hydraulic System

Pump Capacity at Governed RPM 23 gpm (87.1 litres/min.) with flow divider to provide 15 gpm (56.8 litres/min.) through working range of engine  
System Pressure 2000 psi (136 kg/cm<sup>2</sup>)  
Reservoir Capacity 14.4 U.S. gals. (55 litres)  
Pump Type Gear type—direct drive off crankshaft  
Filter 70 gpm (265 litres/min.)  
Hydraulic Cylinders Blade lift (2) 4" dia. (101 mm)  
Steering (1) 4" dia. (101 mm)

### Electrical System

12 volt alternator with sealed epoxy-filled transistorized voltage regulator attached to alternator. Two anchor bonded batteries, each 95 amp. hr.

### Winch

Make Hercules  
Max. Line Pull 20,000 lb. (9,080 kg)  
Line Speeds (4) 0-356 fpm (0-108.2 m/min.)

### Fairlead

Adjustable to 3 positions— all rollers mounted on sealed for life ball bearings.

### Tires

Standard \*18.4 x 34  
Optional †\*18.4 x 26; ‡\*18.4 x 38; †16.9 x 30; †23.1 x 26; \*24.5 x 32; †28.1 x 26; †67-34.00 x 25  
\*available in shredded wire or steelguard  
†available in shredded wire  
‡requires heavy duty axle option or special recommendation

### Brakes

Service Hydraulically operated expanding shoe type to top shaft of transfer case. Foot operated with hydraulic brake lock for winching.  
Parking Mechanically operated band type.

### Weight (Approx. shipping, based on standard tires)

Front Axle 8,613 lb. (3,910 kg.)  
Rear Axle 4,639 lb. (2,106 kg.)  
Total 13,252 lb. (6,016 kg.)

### Standard Equipment

GM 3-53N Diesel engine, four wheel drive, heavy duty axles, planetary wheel hubs, automatic differential lockups front and rear, articulated frame, cushion steering, two speed transfer case, eight speeds forward and reverse, synchromesh transmission. Hercules winch 20,000 lb., adjustable fairlead, operator's canopy meets SAE J394A, J397A and J231, deluxe foam seat, seat belt, fire extinguisher, central greasing panel, heavy duty dozer blade, hand throttle, forestry approved spark arrestor, hourmeter, 18.4 x 34 10PR Nylon Special logging tires, grease gun, owner's manual and parts book, dry type air cleaner, electrical cutoff switch.

### Optional Equipment

Front driveshaft brake, lights, block heater, recessed tow hitch, rear fenders, four roller fairlead, axles PR-75 'F' carrier, PR-78, PR-125, Timberjack T-Power Diesel engine.

### Eaton Yale Ltd.

### Forestry Equipment Division

Woodstock, Ontario, Canada

The manufacturer reserves the right to make changes or add improvements at any time without incurring any obligation to make such changes on machines manufactured previously.

**EATON** Forestry  
Equipment