

TRS-1150



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GENERAL

CHAINSAW

Weight: 110,000-120,000 LB. (50,000-55,000 kg)

Height: w/Cab - 133" (337 cm)
Transport length with Crumbshoe and

counterweight:

6 ft. boom: 36'-3" (11,05 m)

8 ft. boom: 38'-3" (11,65 m)

10 ft. boom: 40'-6" (12,35 m)

12 ft. boom: 42'-7" (12,97 m)

Width: 114" (290 cm)

* Width could be reduced to 110" (280 cm) removing digging motors

ROCK HAWG

Weight: 123,000 LB. (56,000 Kg)

Height: w/Cab - 133" (337 cm)

Transport length: 398" (1010 cm)

Width: 118" (300 cm)

STANDARD FEATURES

Pressurized Cab ROPS with air conditioning, heating and sound suppression

Creep control: operator selectable digging pressure, automatic operation

Stabilizers with adjustable drags

Tool box with locking door

Engine doors with security locks

Fuel and Hydraulic Tank: Aircraft quality locking caps

Gearboxes, Fuel and Hydraulic Tanks: Pressurized with 5 PSI filtered breathers

Flywheel Gearboxes: shaved, helical gearing, case hardened for extreme shock load

Vibration isolator mounts: used on engine, radiator, oil cooler, exhaust silencer and cab

ENGINE

Model: CAT C-13

Description: Turbocharged and After Cooled

Maximum gross horsepower: 440 HP (328 kW)

Number of cylinders: 6 In-Line

Maximum no load RPM: 2150

Cooling Medium: Liquid

Cooling Rating: Adequate for 130° F (54,4°C) ambient air temperature

Air cleaner: Dry type, 2 stage with dual pre-cleaner

Oil filter: Full flow canister

Fuel filter: Primary and secondary

Electrical system: 24V

Fuel tank capacity: 324 gal. (1230 L)

Fuel consumption at full load: 22 gal. /hr (83 l/hr)

Operating range: 15 hours

HYDRAULIC SYSTEM

Type: Pressure and flow compensated (Load sensing)

Auxiliary pump flow maximum: 40 GPM (150 L/min)

min)

Auxiliary pressure setting: 2500 PSI (172 Bar)

Oil tank capacity: 100 gallons (378.5 L)

Oil type: ATF, Type F

CRAWLER DRIVE

Dual path, hydrostatic drive, planetary transmissions capable of full counter rotation with single lever steering, single lever direction

Infinitely variable speed: Forward and reverse, High Range: 0 - 2.77 Mph (4,46 km/hr)

Low Range: 0 - 1.25 Mph (2,01 km/hr) Integral parking and service brake: Spring applied, hydraulic release, wet disc brake

TRACKS

Overall Track Length: 149" (378 cm)

Track pad type: single, double, or triple grouser

Track chain type: Caterpillar 42/325 or equivalent

Track chain pitch: 7.99" (202,8 cm)

Track pad width: 23-5/8" (60 cm)

CONVEYOR

CHAINSAW ONLY

Pressure and flow compensated pump with dual hydraulic drive motors

Hydraulic conveyor fold

Description: Reversible and shiftable

Belt speed: Infinitely variable 0-750 FPM (0-229 M/min)

Conveyor belt width: 30" (76 cm)

Conveyor length: 164" (416 cm)

Discharge height: 48-1/2" - 67-1/2" (123 - 171 cm)

Discharge direction: right or left

DRIVE

CHAINSAW

Hydrostatic: two pumps and two motors capable of transmitting full engine horsepower

Infinitely variable digging chain speeds: 0 - 700 FPM (0 - 213 m/min.) standard

Depths: 6, 8, 10, 12, 14 ft. (183, 244, 305, 366, 427, cm)

Widths:

16" - 20" Single chain (41 - 51 cm)

26" - 36" Double chain narrow (66 - 92 cm)

34" - 42" Double chain wide (86 - 106 cm)

Tesmec designed 6.5" pitch digging chain for single chain configuration

4.5" pitch digging chain for double chain configuration

Cutters: Rotary carbide tipped 1-1/2" (3,8 cm) shank diameter

Tailwheel diameter: 40" (101,6 cm)

Digging chain boom top roller

Hydraulic digging chain adjustment

ROCK HAWG

Hydrostatic: two pumps and two motors capable of transmitting full engine horsepower

Infinitely variable digging chain speeds: 0 - 500 FPM (0-150 m/min)

Depth: 0 - 24" (0-61 cm)

Width: 118" (300 cm)

Cutters: Rotary carbide tipped 1-1/2" (3,8 cm) shank diameter

Drum Diameter: 71" (180 cm)

Hydraulic digging chain adjustment

OPTIONS

Work Light Package: 24V for night use

Laser control system

Combo blocks

* Caterpillar and Cat are trademarks of Caterpillar Inc.

*** Not all digging configurations are available

