



Rocksaw Specification

GENERAL

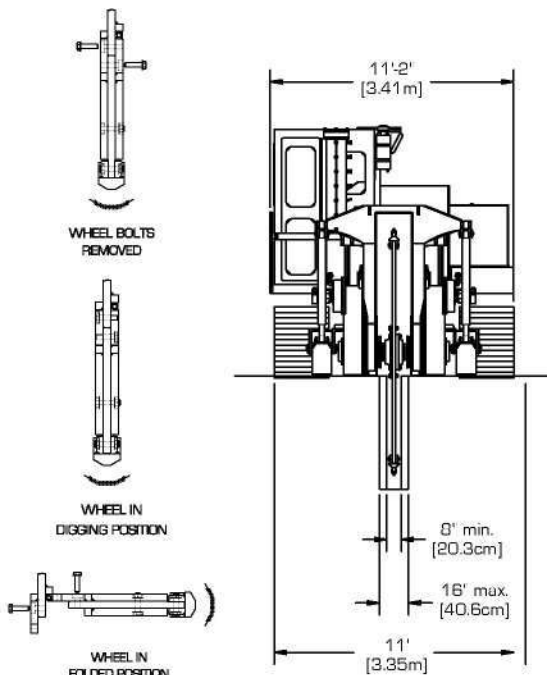
Weight: 150,000 lbs (68,038 kg)
 Transport height: 12' 2" (3.70 m) over Wheel with wheel folded
 Transport length: 36' 6" (11.13 m)
 Transport width: 11' 2" (3.41 m) with digging motors removed, 30" (0.71 m) D7 Track Pads

STANDARD FEATURES

Load control: operator selectable digging pressure, automatic operation
 Toolbox with locking doors
 Engine doors with security locks
 Fuel and hydraulic tank: aircraft quality locking caps
 Gearboxes and hydraulic tanks: pressurized with 5 PSIG filtered breathers
 Flywheel gearboxes: shaved, Helical gearing, case hardened for extreme shock load
 Vibration isolator mount: Used on engine, radiator, oil cooler, exhaust silencer
 Pressurized "elevating cab" with air conditioning, heating and sound suppression
 External support structure for elevating cab, wear-pad design with adjustment

ENGINE

Model: Caterpillar C15 ACERT Tier 3
 Description: turbocharged and air to air after cooler
 Number of cylinders: 6 In-Line
 Maximum no load RPM: 2100
 Maximum gross horsepower at no load: 540 HP (403 kW)
 Cooling medium: extended life coolant
 Cooling rating: adequate for 122° F (50° C) ambient air temperature
 Air cleaner: dry type, centrifugal precleaner with primary and secondary filters



Oil filter: full flow canister
 Fuel filter: primary and secondary
 Electrical system: 24V Starting, 12V Controls
 Fuel tank capacity: 376 gal (1,423 L)
 Fuel consumption at full load: 28.9 gal/hr (109.4 L/hr)
 Operating range: 13 hours

HYDRAULIC SYSTEM

Type: Pressure and flow compensated (Load sensing)
 Pump flow maximum: 45 GPM (170 L/min)
 Pressure setting: 2500 PSI (172 Bar)
 Oil tank capacity: 203 gallons (768 L)

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 - 2.5 Mph (4.1 km/hr)
 Low Range: 0 - 1.4 Mph (2.3 km/hr)
 Integral parking and service brake: Spring applied, hydraulic release, wet disc brake

TRACKS

Overall track length: 146.3" (372 cm)
 Track pad type: Double or triple grouser
 Track chain type: Caterpillar D7
 Track chain pitch: 8.500" (21.6 cm)
 Track pad width: 30" (76.2 cm)

TRENCHER DRIVE

Hydrostatic: four pumps and two motors
 Three operator selectable digging speed ranges with 60" depth wheel:
 0-445 FRM (0-136 m/min)
 0-646 FPM (0-197 m/min)
 0-846 FPM (0-258 m/min)
 Depths: 0-60" (0-152 cm)
 Widths: 8" to 16" in ½ inch increments (20-40 cm)
 Cutters: rotary carbide tipped 1-1/2" (3.8 cm) shank diameter

OPTIONS

CE certified
 Work light package: 24V, for night use
 Laser control system
 Twin hose reel package: connections to power hydraulic tools
 Cab vandalism protection
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