

## GENERAL

### CHAINSAW

Weight: 8' Boom with 26" cut and Crumbshoe  
- 85,000 lbs (38,590 kg) (Dependent on Configuration)

Height: w/Cab - 129" (3.28 m)  
Transport length with Crumbshoe and counterweight:  
6 ft boom: 35'-2" (10.72 m)  
7 ft boom: 36'-4" (11.07 m)  
8 ft boom: 37'-6" (11.43 m)  
10 ft boom: 39'-10" (12.14 m)  
12 ft boom: 42'-2" (12.85 m)  
Width: 100" (2.54 m) With 23-5/8" (0.6 m)  
Track Pads

### ROCKSAW

Weight: 75,000 lbs (34,019 kg)  
Height: w/Cab - 150" (3.81 m)  
Transport length with Crumbshoe: 34' (10.38 m)  
Width: 98-1/2" (2.5 m) With 23 5/8" (0.60 m)  
Track Pads

## STANDARD FEATURES

Pressurized Cab ROPS with air conditioning, heating, and sound suppression  
Load control: operator selectable digging pressure, automatic operation  
Stabilizers with adjustable drags on Chainsaw and Rocksaw models  
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: Caterpillar C-11 ACERT Tier 3  
Description: turbocharged and after cooled  
Maximum gross horsepower: 385 HP (272 kW)  
Number of cylinders: 6 In-Line  
Maximum no load RPM: 2130  
Cooling Medium: liquid  
Cooling Rating: adequate for 122° F (50° C) ambient air temperature  
Air cleaner: dry type, 2 stage with dual precleaner  
Oil filter: full flow canister  
Fuel filter: primary and secondary  
Electrical system: 12V/24V  
Fuel tank capacity: 266 gal (1,007 L)  
Fuel consumption at full load: 17.6 gal/hr (66.6 L/hr)  
Operating range: 15.1 hours

## HYDRAULIC SYSTEM

Type: pressure and flow compensated (Load sensing)  
Auxiliary pump flow maximum: 45 GPM (170 L/min)  
Auxiliary pressure setting: 2500 PSI (172 Bar)  
Oil tank capacity: 100 gallons (378.5 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 - 2.77 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: 138" (351 cm)  
Track pad type: single, double, or triple grouser  
Track chain type: Caterpillar 42/325 or equivalent  
Track chain pitch: 7.98" (202.8 cm)  
Track pad width: 23-5/8" (60 cm)

## CROSS 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: 156" (396 cm)  
Discharge height: 48-1/2" - 67-1/2" (123 - 171 cm)  
Discharge direction: right or left

## TRENCHER 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  
OPTIONAL: low speeds: 0 - 550 FPM (0 - 168 m/min)  
Depths: 6, 7, 8, 10, 12 ft (183, 213, 244, 305, 365 cm)  
Widths: 16" - 20" Single chain (40 - 51 cm) 26"-36" Double chain (66-92 cm)  
Tescmec designed 6.5" pitch digging chain for single chain configuration  
Caterpillar D6 digging chain for double chain configuration  
OPTIONAL chain for double chain configuration: Tescmec 4.5" pitch  
Cutters: rotary carbide tipped 1" (2.5 cm) shank diameter  
OPTIONAL 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

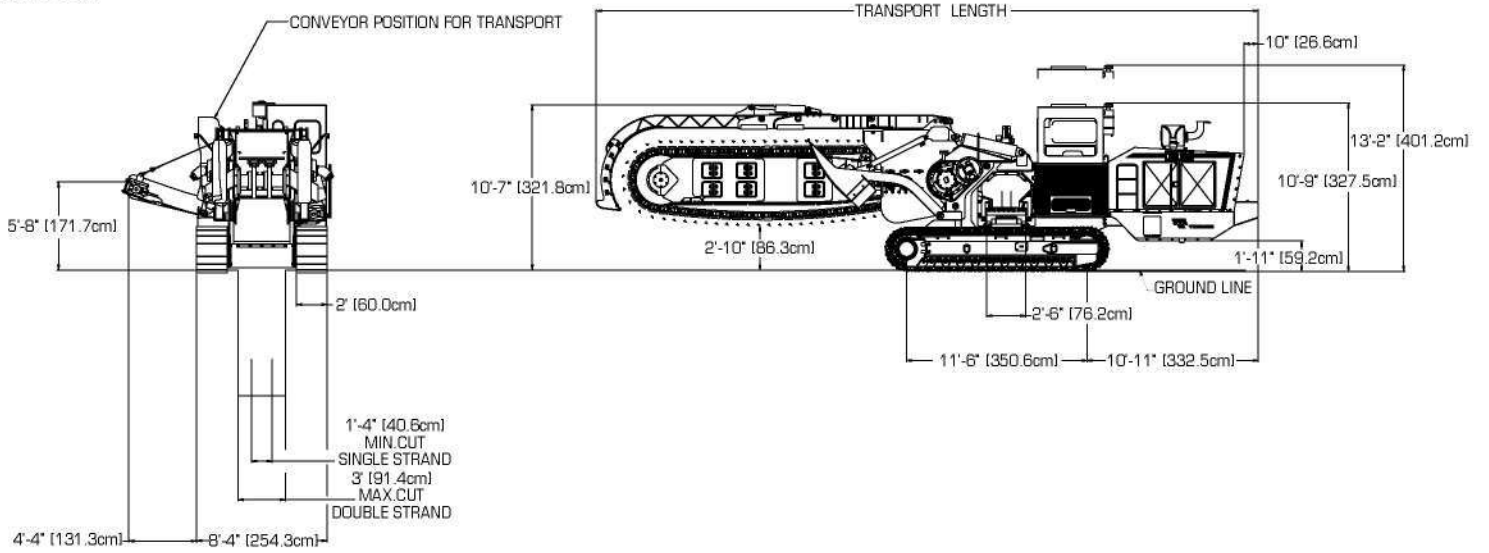
### ROCKSAW

Hydrostatic: two pumps and two motors capable of transmitting full engine horsepower  
Infinitely variable digging wheel speeds: 0-800 FPM (0-244 m/min)  
Depths: 0-54" (0-137 cm)  
Widths: 6"-14" (15 cm-35 cm)  
Cutters: rotary carbide tipped 1" (2.5 cm) shank diameter  
OPTIONAL Cutters: rotary carbide tipped 1-1/2" (3.8 cm) shank diameter

## OPTIONS

CE certificate  
Work Light Package: 24V, for night use  
Laser control system  
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## CHAINSAW



## ROCKSAW

