



# Chainsaw Specification

## GENERAL

Weight: 34,000-43,000 lbs (15,422-19,504 kg)  
dependent on configuration  
Ground Pressure: 7.6-9.6 lbs/Sq Inch (0.53-0.67 kg/cm<sup>2</sup>)  
Height: w/cab - 9' 4" (2.84 m)  
Transport length with crumbshoe, without truck loading conveyor:  
4 ft boom: 24' 11" (7.6 m)  
6 ft boom: 27' 3" (8.3 m)  
8 ft boom: 29' 10" (9.1 m)  
Transport width:  
88" (2.24 m) with 20" (0.51 m) track pads  
100-1/2" (2.55 m) with truck loading conveyor

## STANDARD FEATURES

Pressurized cab with air conditioning, heating, and sound suppression and ROPS structure  
Load control: operator selectable digging pressure, automatic operation  
Fuel and hydraulic tank: pressurized and with locking caps  
Flywheel gearbox and Pump Drive: pressurized with 5 PSI filtered breathers  
Flywheel gearbox: ground helical gearing, case hardened for durability  
Anti Vibration isolator mounts: used on engine, radiator/oil cooler unit and cab  
Stabilizers with trench cleaners: automatically adjust to terrain changes  
Lights: 24 Volt forward facing  
Positive Locking Digging Chain Adjustment  
Cab and Compartment security locks  
TESMEC Combination Digging Tool Holder

## ENGINE

Model: Cummins QSB 6.7 Tier 3  
Description: turbocharged and charge air cooled  
Maximum gross horsepower: 220 HP (164 kW)  
Number of cylinders: 6 In-Line

Maximum no load RPM: 2200  
Cooling Medium: extended life coolant  
Cooling Rating: adequate for 122 °F (50 °C) ambient air temperature  
Air cleaner: dry type 2 stages with pre-cleaner and automatic dust ejection  
Oil filter: full flow canister  
Fuel filter and water separator  
Electrical system: 24V  
Fuel tank capacity: 114 gal (431 L)  
Fuel consumption at full load: 11.4 gal/hr (43 L/hr)  
Operating range: 10 hours

## HYDRAULIC SYSTEM

Type: pressure and flow compensated (load sensing)  
Pump flow maximum: 53 GPM (201 L/min)  
Pressure setting: 2600 PSI (180 Bar)  
Oil tank capacity: 85 gal (321 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 0 – 2.1 MPH (0 – 3.3 km/hr)  
Integral parking and service brake: spring applied, hydraulic release, wet disc brake

## CROSS CONVEYOR

Pressure and flow compensated pump with dual hydraulic drive motors  
Description: reversible  
Belt speed: infinitely variable 0-656 FPM (0-199 m/min)  
Conveyor belt width: 22" (56 cm)  
Conveyor length: 77" (195 cm)  
Discharge direction: right or left

## TRUCK LOADING CONVEYOR

**OPTIONAL SIDE MOUNTED TRUCK CONVEYOR:**  
Pressure and flow compensated pump with single hydraulic drive motor  
Belt speed: infinitely variable 0-860 FPM (0-262 m/min)  
Conveyor belt width: 18" (46 cm)  
Belt type: one piece molded construction with tall cleats for higher transport capacity  
Discharge height: max: 144" (366 cm)  
Discharge direction: front of the machine

## TRENCHER DRIVE

Hydrostatic: one pump and one motor capable of transmitting full engine horsepower  
Infinitely variable digging chain speeds: 0-650 FPM (0-198 m/min)  
Depths: 3' - 8' (91-244 cm)  
Cut widths:  
Single strand 4.5" narrow chain: 8"-10" (20 - 25 cm)  
Single strand 4.5" (11.4 cm) pitch chain: 12"-18" (30.5 - 45.7 cm)  
Double strand 4.5" (11.4 cm) pitch chain: 24" (61 cm) (for 4' and 6' boom only)  
Cutters: rotary carbide tipped 1 1/2" (3.8 cm) shank diameter  
Optional: single edge, hard surfaced cup cutters for dirt TESMEC Dirt tool with 1 1/2" (3.8 cm) shank diameter

## OPTIONS

CE certified  
Cab anti-vandalism window covers  
Work light package: 24V, for night use  
Laser control system pre-wire  
Hydraulic crumbshoe  
Polyurethane or Rubber track pads

Boom	"A"	"B"
4'	(122 cm)	~24'-11" (760 cm)
6'	(183 cm)	~27'-3" (831 cm)
8'	(244 cm)	~29'-10" (909 cm)

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