

Tigercat[®]

H250B PROCESSOR

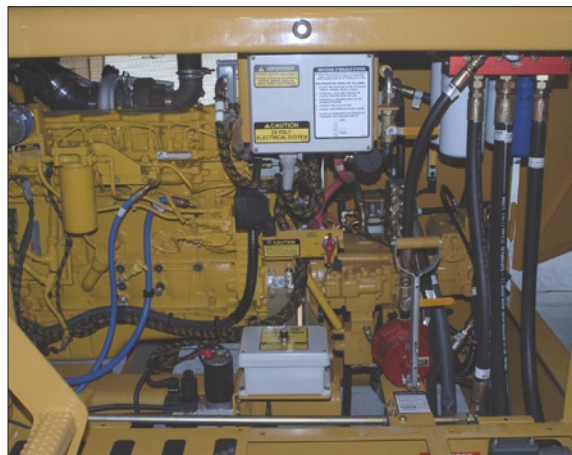


BENEFITS AND ADVANTAGES:

- **Cummins QSB6.7 Tier III engine; 153 kW @ 1,800 rpm**
 - Engine idles automatically when functions are not activated
- **Advanced load sensing hydraulic system**
 - Simultaneous control of all machine functions
 - Excellent fuel efficiency
- **High capacity cooling system for forestry applications**
- **Highly durable design and construction**
 - Large diameter, heavy duty swing bearing
 - Robust boom cylinders
- **Excellent service access**
 - Convenient platform access to the valves and engine
- **Quiet, climate controlled operator's station**
 - Insulated and isolation mounted
 - High output heater/air conditioner
- **Tigercat-built forest duty undercarriage**
 - Long track frames, and wide stance for excellent stability



All valves are easily accessed under the walk-up platform



Easy access to all engine service points



Fuel efficient load sensing hydraulic system

SPECIFICATIONS

DIMENSIONS with 760 mm (30 in) triple grouser shoes

LENGTH less boom and ladders	5 260 mm (207 in)
WIDTH	3 430 mm (135 in)
HEIGHT	3 605 mm (142 in)
with cab riser	4 320 mm (170 in)
with cab riser, transport position	3 530 mm (139 in)
GROUND CLEARANCE	760 mm (30 in)
WEIGHT less attachment	25 445 kg (56,100 lb)

POWER

ENGINE	Cummins QSB6.7 Tier III, 153 kW (205 hp) @1800 rpm
FUEL CAPACITY	300 L (80 US gal)
COOLING	Aluminum side-by-side radiator, oil cooler and charge air cooler; High flow fan

HYDRAULIC SYSTEM

MAIN PUMP	Load sensing, variable displacement piston
SWING PUMP	Pressure compensated piston
RESERVOIR	245 L (65 US gal)
FILTRATION	(4) spin-on, 7 micron full-flow

SWING SYSTEM

SWING DRIVE	9 rpm 360° continuous rotation
SWING BEARING	1 190 mm (47 in) ball circle diameter Internal gear teeth; Double reduction planetary gearbox

BOOM

MAXIMUM REACH	9,75 m (32 ft)
LIFT CAPACITY bare pin	
At 11 ft. (3.35 m)	15 875 kg (35,000 lb)
At 25 ft. (7.62 m)	6 350 kg (14,000 lb)
CYLINDER, MAIN	178 mm (7 in) diameter
CYLINDER, STICK	152 mm (6 in) diameter

ELECTRICAL

BATTERY	(2) 950 CCA 12 v
ALTERNATOR	80 amp, 24 v
SYSTEM VOLTAGE	24 v
LIGHTING	Halogen, (2) boom mounted, (2) cab mounted, (1) service in engine house

TRACKS

TRACK FRAMES	F6140 heavy duty forestry, flotation type Side frames with integral track guides Mud/snow relief holes
TRACK CHAIN	D6D 200 mm (8 in) pitch
DRIVE	Variable motors with brake valves Infinitely variable speed with low lock-out
TRACTIVE EFFORT	222 kN (50,000 lbf)
GEARBOX	Triple reduction planetary type with brake
FRONT IDLER	Hydraulic track adjuster Spring shock absorber
ROLLER, UPPER	(2) D6 excavator type
ROLLERS, LOWER	(9) D6 excavator type
TRACK SHOE	760 mm (30 in) triple grouser Optional
Optional	915 mm (36 in) triple grouser

OPERATOR'S CONTROLS

BOOM	Hydraulic joystick
SWING	Foot operated, pilot valve
DRIVE	Lever and foot operated, pilot valve

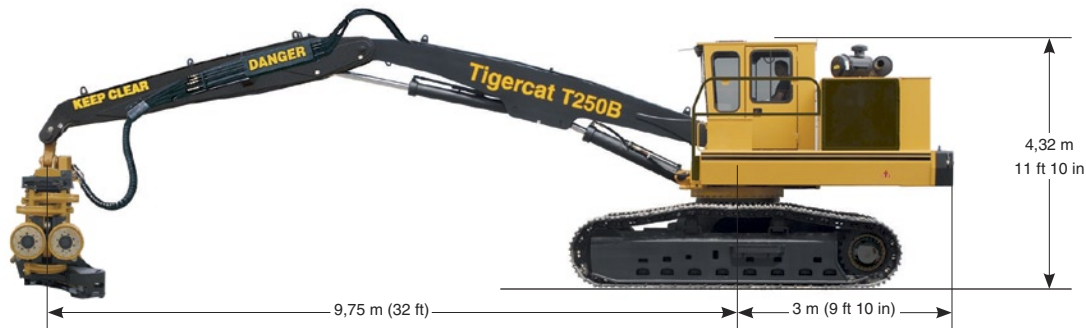
OTHER STANDARD EQUIPMENT

Counterweight 2 040 kg (4,500 lb)

PROCESSING HEAD

Can be matched to processing heads weighing up to 3 400 kg (7 500 lb)

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TIGERCAT RESERVES THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE

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