

Tigercat®

T234 LOADER

The Tigercat T234 is an all-around track loader for merchandising, sorting and light duty shovel logging. It combines high performance with class leading fuel economy.

BENEFITS AND ADVANTAGES:

- **Powerful and efficient Cummins QSB6.7 Tier III engine**
 - 129 kW (173 hp) at 1,800 rpm for quiet, efficient operation
 - Automatic idle down feature when functions are not in use
- **Efficient load sensing hydraulic system**
 - Excellent fuel efficiency; lower operating temperatures
 - Swing priority for quick swing cycles and high performance delimiting
- **Heavy duty boom system for demanding pull-through delimiting applications**
- **Wide stance, forest duty undercarriage**
 - Long track frames for excellent stability and flotation
- **Efficient, high capacity swing system**
 - Large diameter bearing common to all Tigercat swing machines
 - Efficient closed loop swing drive
- **Excellent service access**
 - All valves are conveniently located under the walk-up platform
 - Platform access to engine service points
- **Large, spacious, well finished operator's station**
 - Quiet operating environment with excellent climate control



High clearance forestry undercarriage



Convenient platform access to the engine



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	4 320 mm (170 in)
With cab tilted for transport.....	3 530 mm (139 in)
GROUND CLEARANCE	760 mm (30 in)
WEIGHT less grapple	23 810 kg (52,500 lb)

POWER

ENGINE	Cummins QSB6.7 Tier III, 129 kW (173 hp) @ 1,800 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	227 L (60 US gal)
FILTRATION	(4) spin-on, 7 micron full-flow
CYLINDER, HOIST	165 mm (6.5 in) diameter
CYLINDER, STICK	140 mm (5.5 in) diameter

SWING SYSTEM

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

BOOM

MAXIMUM REACH	9 750 mm (32 ft)
LIFT CAPACITY	
At 3,05 m (11 ft).....	14 740 kg (32,500 lb)
At 7,6 m (25 ft).....	5 670 kg (12,500 lb)

ELECTRICAL

BATTERY	(2) 950 CCA, 12 v
ALTERNATOR	80 amp, 24 v
SYSTEM VOLTAGE.....	24 v
LIGHTING	Halogen, (2) boom mounted, separate cab-tire wiring to each (2) cab mounted (1) service in engine house

UNDERCARRIAGE

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	187 kN (42,000 lbf)
GEARBOX	Triple reduction planetary type with brake
FRONT IDLER	Hydraulic track adjuster Spring shock absorber
ROLLERS, UPPER	(2) D6 excavator type
ROLLERS, LOWER	(9) D6 excavator type
TRACK SHOE.....	760 mm (30 in) triple grouser Optional
760 mm (30 in) double grouser tri-track	915 mm (36 in) triple grouser
915 mm (36 in) triple grouser tri-track	915 mm (36 in) triple grouser tri-track

OPERATOR'S STATION

CAB.....	Insulated, climate controlled and isolation mounted Forward sloping, tinted polycarbonate windshield with pantograph wiper, washer and defroster fan Sliding tinted side windows; 3-speed fan; Dome light Electronic engine monitoring system with LCD display
SEAT	Heavy duty suspension, fully adjustable

OPERATOR CONTROLS

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

OTHER STANDARD EQUIPMENT

760 mm (30 in) cab riser
1 360 kg (3,000 lb) counterweight

OPTIONAL EQUIPMENT

Live Heel
LG4053 grapple, continuous rotation; Other grapples available
Delimber/bar saw slasher hydraulics
1 675 mm (66 in) 'mill yard' cab riser
2 040 kg (4,500 lb) counterweight

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

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