

760B MULCHER



The **TIGERCAT 760B** is a durable, reliable carrier capable of powering mulching and subsoiling heads requiring up to 358 kW (480 hp). The 760B is best suited to large scale land clearing and post-harvest silviculture applications.

BENEFITS AND ADVANTAGES:

High horsepower carrier

- Powerful, efficient Tigercat FPT engine
- Specialized for post-harvest clean up

Efficient, high-capacity cooling system

- Automatic variable speed fan for improved fuel economy
- Reversing cycle combats airborne dust and debris

Durable Tigercat design and construction

- Heavy duty front chassis and boom system
- Tigercat designed and manufactured axles, transmission, and pump drive gearbox
- Proven reliability with high uptime for time-sensitive projects

Standard equipped boom float system

- Mulching head automatically follows terrain contours
- Achieves high production in tough terrain, slopes and gullies

Thoughtful component arrangement

- Large doors for easy access to daily service points

Quiet, climate-controlled operator's station

- Extreme duty, heated and cooled, air-ride suspension seat
- High output heater and A/C
- Standard rearVIEW camera system
- Ergonomic, armrest mounted joystick steer and drive

Equipped with the Tigercat 4061-30 mulching head

HIGH-LIFT BOOM GEOMETRY
WITH STANDARD EQUIPPED
BOOM FLOAT SYSTEM.



EQUIPPED WITH 3 M (10 FT) TIGERCAT 4061-30
MULCHING HEAD

- Tigercat build quality for high uptime
- Efficient power transfer with reduced belt slip
- Robust housing with reinforced side covers
- Field serviceable wear liner
- Tigercat-designed tooth and holder system
- Carbide tips and carbide insets for long life





Neat, clean engine compartment with large doors for easy access to daily service points.



High-capacity cooling system with automatic reversing cycle.

Tigercat
by **FPT**
POWERTRAIN TECHNOLOGIES

TIGERCAT FPT ENGINE TECHNOLOGY

Tigercat FPT engines offer reliability, excellent fuel economy, and lower long-term maintenance costs - the clear power choice for forestry and off-road industrial applications.

WELL APPOINTED OPERATOR'S STATION, FEATURING LARGE LCD TOUCHSCREEN AND ERGONOMIC, ARMREST MOUNTED JOYSTICK STEER AND DRIVE.

EQUIPPED WITH
LOGON™

Machine data onsite



760B

DIMENSIONS

LENGTH less attachment	6 810 mm (268 in)
WHEELBASE	3 200 mm (126 in)
WIDTH	3 430 mm (135 in)
HEIGHT	3 785 mm (149 in)
GROUND CLEARANCE	685 mm (27 in)
WEIGHT less attachment	17 305 kg (38,150 lb)

POWER

ENGINE, Tier 4f	Tigercat FPT C13 Tier 4f 411 kW (552 hp) @ 1,800 rpm
▶ PEAK TORQUE	2 401 Nm (1,771 lbf-ft) @ 1,400 rpm
ENGINE, Tier 2	Tigercat FPT C13 Tier 2 424 kW (569 hp) @ 1,800 rpm
▶ PEAK TORQUE	2 350 Nm (1,733 lbf-ft) @ 1,500 rpm
AIR FILTRATION	Precleaner, 2-stage engine air cleaner
COOLING	Side-by-side aluminum radiator, oil cooler, charge air cooler and A/C condenser; Aluminum pump drive gearbox cooler; Swing-out intake debris screen
FAN	Hydraulically driven Automatic variable speed with automatic reversing cycle
FUEL CAPACITY	850 L (225 US gal)
DEF CAPACITY Tier 4f	135 L (80 US gal)

POWER TRAIN

TRANSMISSION	Tigercat wideRANGE drive Variable speed hydrostatic (2) Piston motors, infinitely variable
AXLES	Tigercat IB15, inboard planetary, barrel differential Front fixed; Rear oscillating +/-10°
DIFFERENTIAL LOCKS	Independent front and rear

HYDRAULIC SYSTEM

PUMP, DRIVE	Piston
PUMP, BOOM	Piston
PUMP, STEERING	Piston
PUMP, FAN	Piston
PUMP, ATTACHMENT	Piston
FILTRATION	(7) Spin-on, 7 micron full flow (1) Water absorbing
CYLINDERS, STEER	(2) 95 mm (3.75 in) bore
CYLINDERS, BOOM	(4) 115 mm (4.5 in) bore lift and tilt
RESERVOIR	295 L (78 US gal)

BRAKES

DYNAMIC BRAKING	Hydrostatic
SECONDARY BRAKES	Enclosed, oil cooled
PARK BRAKE	Driveline mounted wet disc Spring applied, hydraulic release

TIRES

STANDARD	35.5Lx32,30
OPTIONAL	30.5Lx32,26

ELECTRICAL

BATTERY	(2) 12 v
ALTERNATOR	110 amp, 24 v
SYSTEM VOLTAGE	24 v

OPERATOR'S STATION

CAB	Insulated, pressurized and isolation mounted (2) Doors with sliding tempered glass windows with guards; Removable steel and polycarbonate skylight A/C, heater, defroster and pressurizer; Forward sloping polycarbonate windshield; AM/FM digital stereo with CD player; Bluetooth® audio and hands-free calling
SEAT	Air ride suspension, fully adjustable, heated and cooled
OPERATOR CONTROLS	Electronic for travel/steering/boom, joystick control Electronic travel speed control limiter, cruise control Electronic control system with colour LCD touchscreen for machine monitoring and function adjustment

OTHER EQUIPMENT

STANDARD	LogOn™ local wifi machine monitoring system Back-up alarm; Electric hydraulic oil fill pump Ground level fueling system; Fire extinguisher Fire detection system; (2) Rear camera systems; Boom float system; Air compressor with 24,5 L (6.5 US gal) tank; LED service lights; High output LED work lights
OPTIONAL	RemoteLog® telematics system; Recovery winch CB radio; Fire suppression system; Quick attach boom adapter; Diesel-powered cold weather aids

MULCHING HEAD

STANDARD	Tigercat 4061-30 mulching head; Flexible hydraulic system; Choice of horizontal drum type mulching attachments requiring up to 358 kW (480 hp)
----------	--

760B MULCHER



ALL ENGINE POWER VALUES ARE QUOTED AT NET POWER, AS PER SAE J1349.

TIGERCAT RESERVES THE RIGHT TO AMEND THESE SPECIFICATIONS AT ANY TIME WITHOUT NOTICE. WEIGHTS AND DIMENSIONS MAY VARY SUBJECT TO MACHINE OPTIONS AND CONFIGURATIONS. FOR THE MOST CURRENT SPECIFICATIONS PLEASE REFER TO THE TIGERCAT WEBSITE OR MOBILE APP. TIGERCAT PRODUCTS MAY BE COVERED BY ONE OR MORE OF THE FOLLOWING US OR CANADIAN PATENTS OR CORRESPONDING PATENTS IN OTHER COUNTRIES. REFER TO VIRTUAL PATENT MARKINGS: WWW.TIGERCAT.COM/PATENTS.

EMAIL	comments@tigercat.com
PHONE	519.753.2000
WEBSITE	www.tigercat.com
ADDRESS	54 Morton Ave. East, Brantford, Ontario Canada, N3R 7J7
MAIL	Box 637 N3T 5P9

© 2001 - 2021 Tigercat International Inc. All Rights Reserved. TIGERCAT, WIDERANGE, TURNAROUND, ER, EHS, LOW-WIDE, TEC, REMOTELOG, LOGON, and their respective logos, TOUGH RELIABLE PRODUCTIVE, TIGERCAT TV, "Tigercat Orange" and BETWEEN THE BRANCHES, as well as corporate and product identity, are trademarks of Tigercat International Inc., and may not be used without permission. TIGERCAT, TURNAROUND, WIDERANGE, EHS, LOW-WIDE, ER and REMOTELOG, and their respective logos are registered trademarks of Tigercat International Inc.