

## 6500 MATERIAL PROCESSOR

The Tigercat 6500 is a heavy duty down-swing material processor designed for high production and versatility. An adjustable rotor speed allows the 6500 to be configured for grinding, chipping and shredding.



### BENEFITS AND ADVANTAGES:

#### Configurable for three different jobs

- Adjustable rotor speed allows the machine to operate as a shredder, grinder or chipper
- Flexibility to produce chip sizes from 6 - 50 mm (0.25 - 2 in)
- Built in rotor gear reduction to increase torque

#### Adjustable infeed angle

- Easy and productive feeding of both long and short material

#### Open discharge system

- Single discharge conveyor
- Open bottom for clean operation and easy service

#### Effective metal removal

- Optional large, 510 mm (20 in) diameter magnetic head pulley
- Optional over band magnet

#### Hydraulically spring-loaded anvils

- Ability to pass contaminated material when operating as a shredder

#### Easy mobility onsite

- Simple remote control drive system
- Pivoting track frames eliminate the need for outriggers

#### Easy maintenance with full service access

- Bolt-on hog box and feed conveyor for ease of service
- Split hog box that opens for full access to rotor and screens

## 6500

### DIMENSIONS

LENGTH	16 205 mm (638 in)
WIDTH	3 000 mm (118 in)
HEIGHT	5 000 mm (196 in)
HEIGHT Transport	3 660 mm (144 in)
WEIGHT	44 450 kg (98,000 lb)

### POWER

ENGINE Tier 4f	Caterpillar® C27 Tier 4f 783 kW (1,050 hp) @ 2,050 rpm
► Optional	Caterpillar® C18 Tier 4f 597 kW (800 hp) @ 2,050 rpm
FAN	Flexxaire® variable pitch with automatic reversing cycle
FUEL CAPACITY	2 082 L (550 US gal)

### HYDRAULIC SYSTEM

PUMPS, MAIN	(2) Piston for all machines functions
RESERVOIR	435 L (115 US gal)

### UNDERCARRIAGE

TRACK FRAMES	5 Series, heavy-duty
FINAL DRIVE	(2) Piston motors with brake valves Infinitely variable speed
FRONT IDLER	Hydraulic track adjuster Spring shock absorber
ROLLERS, LOWER	(9) D5 single/double flange tractor type
TRACK SHOE	700 mm (28 in) triple grouser

### INFEED SYSTEM

WIDTH	1 450 mm (57 in)
LENGTH	4 725 mm (186 in)
HEIGHT	965 mm (38 in)
FEED CHAIN	WHD-104, 130 mm (5.17 in) pitch

### ROTOR

WIDTH	1 420 mm (56 in)
DIAMETER	1 170 mm (46 in)
SHAFT	254 mm (10 in) diameter
SPEED	200 - 600 rpm
HAMMERS	(30) Weld-on
CHIPPER	3 pocket

### DISCHARGE SYSTEM

WIDTH	1 220 mm (48 in)
LENGTH	12 345 mm (486 in)
HEIGHT	3 600 - 6 000 mm (144 - 237 in) variable
SPEED	91 - 183 m/min (300 - 600 fpm)

### OPERATOR CONTROLS

Electronic control system with colour LCD display screen interface for machine monitoring and function adjustment

### OTHER STANDARD EQUIPMENT

LogOn™ local wifi machine monitoring system  
RemoteLog® telematics system

### OPTIONAL EQUIPMENT

Dolly system, 3-axe  
Over band magnet  
Magnetic head pulley  
Air compressor kit  
Work lights

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