

## 6900 GRINDER

The Tigercat 6900 horizontal grinder is a heavy duty upswing grinder designed for maximum production. The 6900 is built for extreme duty and long life utilizing only the highest quality components throughout.



### BENEFITS AND ADVANTAGES:

#### High processing capacity

- Upswing rotor for maximum mulch production

#### Adjustable in-feed 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

#### Simple and easy transportation

- Simple remote control drive system
- Optional dolly without the need for added outriggers

#### Effective metal removal with discharge conveyor

- Large diameter optional magnetic head pulley
- Optional over band magnet

#### Easy maintenance with full service access

- Split hog box opens for full access to rotor and screens
- Hydraulically retractable anvil and screens

#### Extremely versatile

- Bolt-on hog box and feed conveyor assembly

#### Built for extreme duty and long life

- Durable components throughout
- Legendary Tigercat build quality



Remote control functions for easy operation.



Convenient storage for tools that elevates to position.

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# MAXIMUM PRODUCTION DURABLE COMPONENTS

- High processing capacity
- Adjustable in-feed angle
- Open discharge system
- Effective metal removal with optional head pulley and over band magnet systems
- Full service access
- High quality undercarriage components for durability and long service life in off road terrain conditions



Easy-to-use display screen for machine monitoring and function adjustment.



Efficiently processes wood debris.





Split hog box for complete access to rotor and screens.

# LARGE

INFEEED OPENING



## 6900

### 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)
GROUND CLEARANCE	405 mm (16 in)
WEIGHT	41 700 kg (92,000 lb)

### POWER

ENGINE Tier 4f	Caterpillar® C27 783 kW (1,050 hp) @ 2,050 rpm
▶ Optional	Caterpillar® C18 597 kW (800 hp) @ 2,050 rpm Caterpillar® C32 895 kW (1,200 hp) @ 2,050 rpm
ENGINE Tier 2	Caterpillar® C27 783 kW (1,050 hp) @ 2,100 rpm
▶ Optional	Caterpillar® C18 570 kW (765 hp) @ 2,100 rpm Caterpillar® C32 895 kW (1,200 hp) @ 2,100 rpm
FAN	Flexxaire® variable pitch with automatic reversing cycle
FUEL CAPACITY	2 080 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, pivoting
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	190 mm (7.5 in) diameter
SPEED	1,220 rpm
HAMMERS	(24) Weld-on

### DISCHARGE SYSTEM

WIDTH	1 220 mm (48 in)
LENGTH	12 345 mm (486 in)
HEIGHT	3 600 mm - 6 000 mm (144 in - 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  
Radio remote control for primary machine operating functions

### OTHER STANDARD EQUIPMENT

RemoteLog® telematics system  
LogOn™ local wifi machine monitoring system

### OPTIONAL EQUIPMENT

Dolly system, 3-axle  
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.  
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.

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