

HG8000TX HORIZONTAL GRINDER



OPTIMAL CUTTING PERFORMANCE. The patented Series II duplex drum offers proven cutting performance, and reversible hammers and tips nearly double the wear life of single-sided designs and simplify daily maintenance.



SIMPLE SCREEN CHANGES. Operators can change product sizes easily with the onboard screen handler system, offering a mechanical or optional air operated hoist assembly.



INCREASE INPUT. Process larger or irregularly shaped wood waste due to a class-leading 50" x 71.5" (127 cm x 181.6 cm) infeed opening.



HIGH PRODUCTION. Yield higher volumes of wood waste and reduce spillage or plugging due to a 66" (167.6 cm) wide loadout conveyor, with a discharge height of 14' to 18' (4.3 m to 5.5 m).



PROGRESSIVE PROCESSING. The patented SmartGrind system monitors engine rpm and adjusts grinding speed to increase productivity. The open-ended, wide infeed table makes material loading easy and efficient.



MOBILITY. The track-driven grinder offers onsite mobility, with a remote control for easy maneuverability.

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GENERAL DIMENSIONS

Max transport length: 50.6' (15.4 m)

Max transport width: 12' (3.7 m)

Max transport height: 12' (3.7 m)

Weight: 125,000 lb (56,699.1 kg)

ENGINE OPTION ONE

Model: Caterpillar C27 Tier 2

Max gross horsepower: 950 hp (708 kW)

Fuel tank capacity: 500 gal (1892.7 L)

ENGINE OPTION TWO

Model: Caterpillar C27 Tier 4i (Stage IIIB), Twin Turbo

Max gross horsepower: 950 hp (708 kW)

Fuel tank capacity: 500 gal (1892.7 L)

INFEED CONVEYOR

Feed table width: 71.5" (181.6 cm)

Feed table length: 24' (7.3 m)

Loading height: 8.3' (2.3 m)

INFEED ROLLER

Max feed height: 75" (190.5 cm)

Infeed roller diameter: 48" (121.9 cm)

DUPLEX DRUM

Millbox opening: 71.5" x 50" (181.6 cm x 127 cm)

Drum diameter: 42" (106.7 cm)

Number of hammers: 12

Number of tips: 24

DISCHARGE SYSTEM

Belt width: 66" (167.6 cm)

Belt design: Viper 330# with V-cleat

HYDRAULIC SYSTEM

Tank capacity: 100 gal (378.5 L)

Implement pump type: Axial piston, pressure- and flow- compensated

Discharge conveyor pump: Axial piston, pressure- and flow- compensated

CONTROLS

Stationary: Side-mounted LCD control station

Remote: Multifunction with built-in LCD display, max 300' (91.4 m) operating range

TRACKS

Track frame description: Rigid frame with reinforced box section

Track type: D6

High speed travel: 2 mph (3.2 km/h)

Track width option one: 28" (71.1 cm) with double grousers

Track width option one ground bearing pressure – soft ground: 12.1 psi (83.4 kPa)

Track width option one ground bearing pressure – hard ground: 60.4 psi (416.4 kPa)

Track width option two: 28" (71.1 cm) with triple grousers

Track width option two ground bearing pressure – soft ground: 12.1 psi (83.4 kPa)

Track width option two ground bearing pressure – hard ground: 35.8 psi (246.8 kPa)

OPTIONS

Abrasion resistant mill liners

Magnetic discharge conveyor pulley

Water pump system for fire protection

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