

HG4000Tx HORIZONTAL GRINDER



JOBSITE SAFETY. The thrown object deflector (TOD) reduces the amount and distance of thrown material debris, while also reducing interference when loading over-length material.



OPTIMAL CUTTING PERFORMANCE. The hardfaced duplex drum offers proven cutting performance, and reversible hammers and tips nearly double the wear life of single-sided designs and simplify daily maintenance. The optional chip drum produces a consistently chipped end product, rather than traditional shredded material, for uses such as biofuel.



MOBILITY. The track-driven grinder offers onsite mobility with a remote control. The HG4000Tx is designed with 16" (40.6 cm) of ground clearance, enhancing the unit's ability to traverse difficult terrain.



SIZING FLEXIBILITY. The top-loading design provides easy access to change screens, and a variety of screen sizes are available to meet your needs.



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



REMOTE CONTROL. A state-of-the-art wireless remote control unit allows the operator to run most machine functions from up to 300' (91.4 m) away.

HG400TX HORIZONTAL GRINDER

GENERAL DIMENSIONS

Max transport length: 37.2' (11.3 m)

Max transport width: 8.2' (2.5 m)

Max transport height: 11.6' (3.5 m)

Weight: 56,000 lb (25,401.2 kg)

ENGINE

Make and model: CAT C13

Gross horsepower: 440 hp (328 kW)

Fuel tank capacity: 225 gal (851.7 L)

INFEED CONVEYOR

Feed table width: 50" (127 cm)

Feed table length: 14' (4.3 m)

Loading height: 7.8' (2.4 m)

INFEED ROLLER

Max feed height: 25.8" (65.5 cm)

Infeed roller diameter: 28" (71.1 cm)

DUPLEX DRUM

Drum diameter: 22.5" (57.2 cm)

Tip diameter: 28.6" (72.6 cm)

Number of hammers: 8

Number of tips: 16

DISCHARGE SYSTEM

Belt length: 52.5' (16 m)

Belt width: 48" (121.9 cm)

Belt design: 3-ply - 300# with V-cleat

HYDRAULIC SYSTEM

Tank capacity: 100 gal (378.5 L)

Implement pump type: Pressure flow compensated

Discharge conveyor pump: Gear pump

CONTROLS

Display type: LCD monochromatic 128/64 pixel multifunction

Engine information: CAT SAE J1939 CAN parameters

Machine information: Operational, diagnostic, system parameters

REMOTE CONTROL

Display type: LCD monochromatic multiline

Engine information: CAT SAE J1939 CAN parameters

Machine information: Operational, diagnostic, system parameters

Operating range: Up to 300' (91.4 m)

TRACKS

Track frame: Rigid frame

Track type: Double grouser

Track brake type: Spring applied hydraulically released

High speed travel: 3 mph (4.9 km/h)

Track width option one - ground bearing pressure - soft ground (psi/kPa): 9.5 psi (65.5 kPa)

NOTES:

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