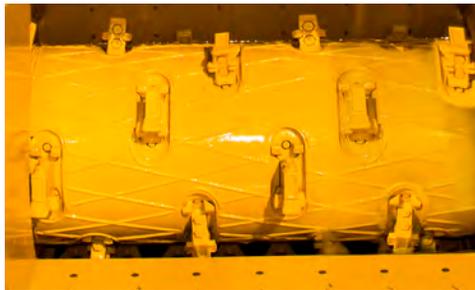


# HG6000TX HORIZONTAL GRINDER



**OPTIMAL CUTTING PERFORMANCE.** Series III duplex drum is built off the proven cutting performance of previous Vermeer duplex drum designs, and makes maintenance more convenient with enhancements such as an independently secured wedge system and enhanced drum balancing.



**CHIP PRODUCTION.** The optional chip drum produces a consistently chipped end product, rather than traditional shredded material, for uses such as biofuel.



**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.



**ENHANCED INFEEED.** The feedroller planetary is fully enclosed for protection from debris and offers a tighter clearance between the feedroller and mill housing, helping reduce material blockage and drag on the feedroller circuit.



**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.



**MOBILITY.** The track-driven grinder offers onsite mobility, with a remote control for easy maneuverability. The DT6 optional integrated dolly transport system eliminates the need for a dedicated trailer to move between sites.

# HG6000TX HORIZONTAL GRINDER

## GENERAL DIMENSIONS

Max transport length: 37.3' (11.4 m)

Max transport length with dolly: 45.8' (14 m)

Max transport width: 9.2' (2.8 m)

Max transport width with dolly: 9.8' (3 m)

Max transport height: 148" (375.9 cm)

Max transport height with dolly: 155" (393.7 cm)

Weight: 80,000 lb (36,287.4 kg)

## ENGINE OPTION ONE

Make and model: Caterpillar C18 Tier 4 Final (Stave IVB)

Max gross horsepower: 755 hp (563 kW)

Fuel tank capacity: 350 gal (1324.9 L)

## ENGINE OPTION TWO

Make and model: Caterpillar C18 Tier 4i (Stage IIIB)

Max gross horsepower: 755 hp (563 kW)

Fuel tank capacity: 350 gal (1324.9 L)

## ENGINE OPTION THREE

Make and model: Caterpillar C18 Tier 3

Max gross horsepower: 630 hp (470 kW)

Fuel tank capacity: 350 gal (1324.9 L)

## INFEED CONVEYOR

Feed table width: 60" (152.4 cm)

Feed table length: 20' (6.1 m)

Loading height: 8.1' (2.5 m)

## INFEED ROLLER

Max feed height: 32" (81.3 cm)

Infeed roller diameter: 36.1" (91.7 cm)

## DUPLEX DRUM

Millbox opening: 60" x 32" (152.4 cm x 81.3 cm)

Drum diameter: 28" (71.1 cm)

Number of hammers: 10

Number of tips: 20

## CHIP DRUM OPTION

Millbox opening: 60" (152.4 cm)

Drum diameter: 34.3" (87.1 cm)

Depth of cut: Ranging from .125" to 1.5" (3.2 mm to 38.1 mm)

Number of knives: 28

## DISCHARGE SYSTEM

Belt length: 81.3' (24.8 m)

Belt width: 48" (121.9 cm)

Belt design: 3-ply – 330# or straight warp single ply 330# both with V-cleat

## HYDRAULIC SYSTEM

Tank capacity: 100 gal (378.5 L)

Implement pump type: Variable displacement, axial piston

Discharge conveyor pump: Fixed displacement, gear pump

## 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: D5 double grouser

High speed travel: 2.6 mph (4.2 km/h)

Track width option one: 26" (66 cm)

Track width option one ground bearing pressure – soft ground: 10.2 psi (70.3 kPa)

Track width option one ground bearing pressure – hard ground: 55.6 psi (383.3 kPa)

Track width option two: 20" (50.8 cm)

Track width option two ground bearing pressure – soft ground: 13.2 psi (91 kPa)

Track width option two ground bearing pressure – hard ground: 72.2 psi (497.8 kPa)