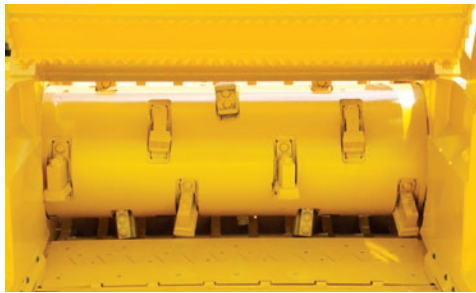


# HG6000TX HORIZONTAL GRINDER



**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.



**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.



**PRODUCT SIZING.** The dual-screen design, along with several screen options, helps boost processing efficiency while controlling end-product sizing needs.



**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: 75,000 lb (34,019.4 kg)

Weight with dolly: 86,500 lb (39,235.7 kg)

## ENGINE OPTION ONE

Make/Model: Caterpillar C18 Tier 4F (Stave IVB)

Max gross horsepower: 755 hp (563 kW)

Fuel tank capacity: 350 gal (1324.9 L)

## ENGINE OPTION TWO

Make/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/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)