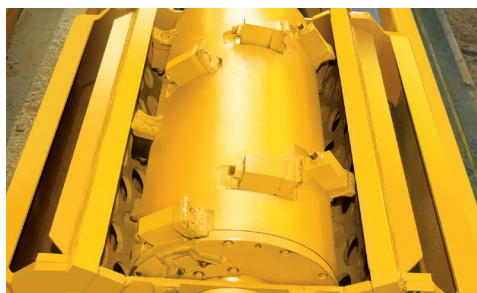
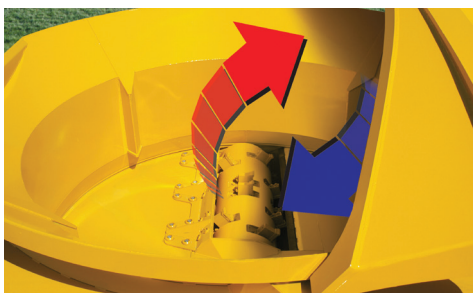


TG5000E TUB GRINDER



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



JOBSITE SAFETY. The patented thrown object restraint system (TORS) reduces the amount and distance of thrown objects, and has a smooth underside for better material flow.



CONVENIENT CONTROL. Monitor real-time performance and data via the on-rig display or remote control.



HIGH PRODUCTION. Designed to handle more production with less clogging, the 36" (91.4 cm) wide continuous undermill conveyor system offers optimum speed and capacity.



MOTOR STARTER PANEL. The motor starter panel provides options to configure a control system that best fits your application – whether that's a soft-start or VFD panel.



ELECTRIC MOTORS. Equipped with a 500 hp (373 kW) WEG totally enclosed fan-cooled electric motor to power the mill. A separate 60 hp (44.7 kW) electric motor powers the pump for the hydraulic circuits, while a 2 hp (1.5 kW) electric motor powers the fan to cool the hydraulic system.

TG5000E TUB GRINDER

GENERAL DIMENSIONS

Max transport length: 29.3' (8.9 m)

Max transport width: 8.4' (2.6 m)

Max transport height: 11.8' (3.6 m)

Weight: 45,500 lb (20,638.5 kg)

ELECTRIC MOTORS

Manufacturer: WEG W22

Mill motor horsepower: 500 hp (373 kW)

Voltage: 380V/460V

Frequency: 50Hz/60Hz

Phase: 3

Enclosure: TEFC (totally enclosed, fan-cooled)

Fan motor horsepower: 2 hp (1.5 kW)

Hydraulic motor horsepower: 60 hp (44.7 kW)

FEED SYSTEM

Inside diameter of tub: 8' (2.4 m)

Inside flare diameter (at tub opening): 12.25' (3.7 m)

Depth of tub: 5' (1.5 m)

DUPLEX DRUM OPTION

Millbox opening: 24" x 47" (61 cm x 119.4 cm)

Drum diameter: 22.5" (57.2 cm)

Number of hammers: 8

Number of tips: 16

SCREENS

Screen dimensions: 1356.9 sq in (8754.2 sq cm)

Screen area: 2714 sq in (17,509.6 sq cm)

DISCHARGE SYSTEM – SINGLE BELT DESIGN

Belt length: 24' (7.3 m)

Belt width: 26" (66 cm)

Belt design: One-piece, V-cleat, 6" (15.2 cm) skived

HYDRAULIC SYSTEM

Tank capacity: 95 gal (359.6 L)

CONTROL PANEL OPTIONS

VFD (Variable Frequency Drive) panel: 380 Volt/50 Hz, meeting European requirements

Soft-start starter panel: 380 Volt/50 Hz, meeting European requirements

CONTROLS

Stationary: Analog hydraulic gauges, LED display

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

OPTIONAL AIR COMPRESSOR

Brand: Ingersoll Rand

Engine: 12.5 hp (9.3 kW) Kohler

Max pressure: 200 psi (13.8 bar)

Tank capacity: 30 gal (113.6 L)

OPTIONAL LOADER

Max loader reach: 27' (8.2 m)

Loader lift capacity at full reach: 3500 lb (1587.6 kg)

Loader lift capacity at 10' (3.1 m): 12,250 lb (5556.5 kg)

Grapple type: Multiple tine, 360° rotation

OPTIONS

Vermeer Confidence Plus® asset protection program

Bioscreen Kit