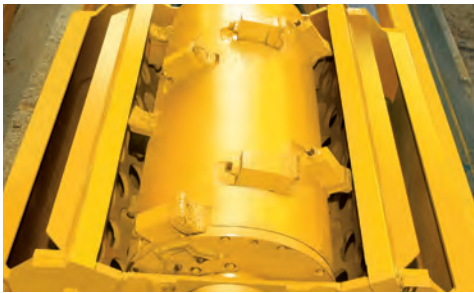
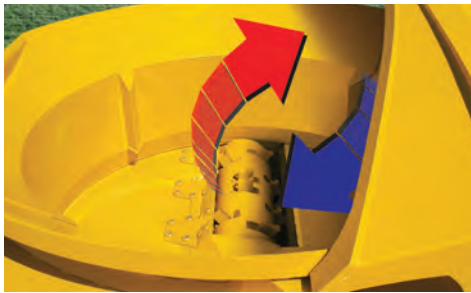


# TG5000E TUB GRINDER



**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