

TG7000E TUB 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.



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



JOBSITE EFFICIENCY. An optional loader cab with grapple allows for a one-man operation, helping reduce labor costs and increase efficiency.



HIGH PRODUCTION. Designed to handle more production with less clogging, the 48" (122 cm) wide continuous undermill conveyor system offers optimum speed and capacity.



MOTOR CONTROL PANEL. The motor control panel provides options to configure a control system that best fits your application.



ELECTRIC MOTORS. The TG7000E is powered by two electric motors that deliver a combined 1000 hp (746 kW) to the mill. A separate 75 hp (56 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.

TG7000E TUB GRINDER

GENERAL DIMENSIONS – NON-LOADER

Max transport length: 48.5' (14.8 m)

Max transport width: 11.9' (3.6 m)

Max transport height: 11.3' (3.4 m)

Weight: 70,800 lb (32,114.3 kg)

GENERAL DIMENSIONS – LOADER

Max transport length: 48.5' (14.8 m)

Max transport width: 11.9' (3.6 m)

Max transport height: 12' (3.7 m)

Weight: 82,150 lb (37,262.6 kg)

Max loader reach: 29.5' (9 m)

ELECTRIC MOTORS

Manufacturer: WEG W22

Fan motor horsepower: 2 hp (2.5 kW)

Hydraulic motor horsepower: 75 hp (56 kW)

Mill motor horsepower: (2) 500HP motors (373 kW)

Optional loader motor horsepower: 100 hp (75 kW)

Voltage: 380V/460V

Frequency: 50Hz/60Hz

Phase: 3

Enclosure: TEFC (totally enclosed, fan-cooled)

FEED SYSTEM

Inside diameter of tub: 10' (3 m)

Inside flare diameter (at tub opening): 13' (3.9 m)

Depth of tub: 4.7' (1.4 m)

DUPLEX DRUM

Millbox opening: 32" x 72" (81.3 cm x 182.9 cm)

Drum diameter: 22.5" (57.2 cm)

Number of hammers: 10

Number of tips: 20

SCREENS

Screen dimensions: 72.4" x 35.8" x 10.3" (183.9 cm x 90.9 cm x 26.2 cm)

Screen area: 4162 sq in (26,852 sq cm)

DISCHARGE SYSTEM – SINGLE BELT DESIGN

Conveyor length: 24' (7.3 m)

Belt width: 48" (121.9 cm)

Belt design: 330# with V-cleat

HYDRAULIC SYSTEM

Tank capacity: 100 gal (378.5 L)

Implement pump type: Axial piston, variable displacement

CONTROL PANEL OPTIONS

VFD (Variable Frequency Drive) panel: 380V or 460V, NEMA Type 5 enclosure

CONTROLS

Stationary: LCD multifunction

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

OPTIONAL LOADER

Loader reach: 29.5' (9 m)

Pedestal/Cab rotation: 370°

Loader lift capacity at full reach: 4000 lb (1814.4 kg)

Loader lift capacity at 10' (3.1 m): 12,000 lb (5443.1 kg)

Grapple type: Multi-tine, continuous 360° rotation

Grapple weight: 1450 lb (657.7 kg)

OPTIONAL AIR COMPRESSOR

Brand: Mi-T-M

Engine: 7.5 hp (5.6 kW)

Max pressure: 175 psi (12.1 bar)

Max air flow: 23.4 cfm (.6 m³/min)

Tank capacity: 30 gal (113.6 L)

OPTIONS

Magnetic pulley

Vermeer Confidence Plus® asset protection program