

MORBARK® 1000 TUB GRINDER

BENEFITS

- This small but powerful tub grinder is perfect for lower-volume applications.
- Like Morbark's larger grinders, the 1000 Tub Grinder includes the Morbark Integrated Control System, which allows you to monitor key systems and adjust feed rates.
- Proven drive line protection system protects against catastrophic damage from contaminants.
- Like all Morbark equipment, the 1000 Tub Grinder is a long-lasting, durable machine backed by a world-class parts and service support team.



Morbark Integrated Control Systems (MICS)

Monitors pressures, temperatures, clutch systems, tub rotation and engine efficiency to maximize production and engine efficiency.



Torque Limiter

The full breakaway torque limiter system protects the engine and clutch against shock and overload without stalling the engine.



Hydraulic Augers

Quickly remove product from beneath the mill and during material surges, pressure sensors automatically slow tub rotation to prevent plugging.



Tub Tilt

Hydraulically tilt the tub for easy access to grates and anvil for routine maintenance.

SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 11/21/14

General

Length (transport) 28'2"
 Length (operating) 48'2"
 Height (transport) 12'11"
 Width 8'6"
 Gross weight 28,740 lbs.
 Axle weight 20,440 lbs.
 Tongue weight 8,300 lbs.
 Engine CAT, Cummins, or John Deere
 Horsepower 350 HP to 540 HP
 Fuel capacity (tank) 160 gallons
 Hydraulic oil capacity 80 gallons
 Towing Arrangement Pintle
 Brakes Air

Tub

Tub has 10'6" diameter tub opening, 8' diameter at inside base, and 50" deep walls constructed of ¼" reinforced steel plate, floor constructed of ⅜" thick wear-resistant steel

Tub supported by 10 rubber guide rolls
 Full hydraulic tilt tub for easy access to Hammermill
 Hydraulically powered variable RPM forward and reverse tub control with electronic sensor drive
 Tub cover for debris containment
 6-function wireless remote control
 Front hydraulic stabilizers

Hammermill and Screen

24½" x 46" Hammermill system constructed of a heavy-duty 16" diameter laser cut rotor, (19) 1½" thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 4½" diameter rotor shaft with 3⅞" bearings direct driven at engine RPM and (8) 1¼" hammer retaining rods. Complete with (36) 1¼" balanced forged hard-surfaced fixed hammers and (36) 2" wide replaceable hammerhead inserts

¾" thick heavy-duty screens
 Two 12" diameter augers discharge onto a 28" belt conveyor
 Hydraulic fold for transport

Options

Electric power
 Variety of screen sizes
 Magnetized end pulley
 Radial stacking conveyor
 Air compressor
 Dust suppression system
 Fifth wheel towing arrangement
 Break-away torque limiter
 Super 1000 version, which includes tandem axle with fifth wheel towing arrangement and a 12' tub flare



MORBARK®
 BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

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