**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**

**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 ⅞" thick wear-resistant steel

Tub supported by 10 rubber guide rolls

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**

24 ½” x 46” Hammermill system constructed of a heavy-duty 16” diameter laser cut rotor (19) 1 ⅜" thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 4 ⅞" diameter rotor shaft with 3⅞" bearings direct driven at engine RPM and (8) 1 ¼" hammer retaining rods. Complete with (36) 1 ⅛" 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

**SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS**

11/21/14