**BENEFITS**

- The Morbark 1100 Tub Grinder brings price and performance together.
- This mid-sized grinder packs an impressive line of features usually only found on larger models, including the Morbark Integrated Control System to adjust feed rates of a variety of materials while optimizing fuel efficiency.
- Proven drive line protection system protects against catastrophic damage from contaminants.
- Like all Morbark equipment, the 1100 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.

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**SPECIFICATIONS**

**General**
- Length (transport) ................. 37'2"
- Length (operating) .................. 56'3"
- Height (transport) .................... 12'9"
- Width ............................... 11'2"
- Gross weight NCL (approximate) .... 48,630 lbs.
- Axle weight NCL (approximate) ....... 34,830 lbs.
- Gross weight WCL (optional) ........ 59,920 lbs.
- Axle weight WCL (optional) .......... 40,540 lbs.
- Engine .................. CAT or John Deere
- Horsepower ................. 500 – 755 HP
- Fuel capacity (tank) ............. 160 gallons
- Hydraulic oil capacity NCL ........ 120 gallons
- Hydraulic oil capacity WCL ........ 205 gallons

**Equipment Highlights**
- Tub cover for debris containment
- 24" x 52" Hammermill system constructed of heavy-duty 16 ½" diameter laser cut rotor, (13) 1 ¾" thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 5 7/8" diameter rotor shaft with 3 15/16" bearings direct driven at engine RPM and eight 2 15/16" hammer retaining rods.
- Complete with (24) 2" balanced forged steel hard-surfaced hammers and (24) 2 15/16" replaceable hammerhead inserts
- 1" thick wear form steel heavy-duty screens
- Discharge system consisting of dual hydraulically powered 14" diameter by 84" long augers and 36" x 26' belt conveyor with hydraulic fold for transport
- Discharge height: 15'
- Hydraulic fold for transport
- Front hydraulic stabilizers and manual outriggers
- Magnetized end pulley

**Options Include**
- Dust suppression system
- 300-gallon fuel tank in lieu of 160-gallon tank
- Morbark reversing fan
- Variety of screens
- Air compressor
- 12' tub flare
- Dual hydraulic tub drives
- Model 250 Hydraulic Knuckleboom Loader with 23' extended boom reach, turntable bearing with 280° swing, 30' Tarantula grapple with 360° Indexator turn motor and hydraulic outriggers.
- Stationary operator’s cab and console, complete with joystick controls for loader and tub, Red Dot combination air conditioner/heater, engine gauge panel, emergency shut-down system, 6-way adjustable seat, color tinted safety glass with steel guard (as shown)

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**SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 11/21/14**

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**MORBARK® 1100 TUB GRINDER**

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