

# MORBARK® 1600 TUB GRINDER



## BENEFITS

- The massive 1600 Tub Grinder is the largest tub grinder on the market with an 11'2" tub diameter, 15' tub opening and a capacity of 20 cubic yards.
- With horsepower ranging from 1,050 to 1,200, this machine can power through tons of raw materials.
- Full hydraulic tilt tub provides easy access to grates and anvil for routine maintenance
- Proven drive line protection system that protects against catastrophic damage from contaminants.
- Like all Morbark equipment, the 1600 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.



### Remote Control

Quickly adjust feed systems to obtain maximum production rates while keeping engine load constant and fuel consumption to a minimum.



### Hydraulic Augers

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



### Hammermill

Laser-cut, factory-balanced hammermills with forged hammers offer unsurpassed durability and smooth operation.

## SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 3/16/16

### General

Length (transport) . . . . . 49'8"  
 Length (operating) . . . . . 68'10"  
 Height (transport) . . . . . 13'6"  
 Width . . . . . 12'  
 Gross weight . . . . . 101,080 lbs.  
 Axle weight . . . . . 59,920 lbs.  
 Tongue weight . . . . . 41,160 lbs.  
 Engine . . . . . CAT or Cummins  
 Horsepower . . . . . 1,050 HP to 1,200 HP  
 Fuel capacity (tank) . . . . . 606 gallons  
 Hydraulic oil capacity . . . . . 328 gallons  
 Towing Arrangement . . . . . Fifth Wheel

### Discharge System

Three 16" diameter augers discharging onto a 60" x 34' heavy-duty belt conveyor  
 Discharge height of 18'

### Tub

Tub has 11'2" diameter at inside base, 60" deep walls constructed of 3/8" reinforced steel plate, and floor constructed of 1/2" thick T-1 wear-resistant steel, supported by (16) roller guides carried on (8) 1 1/2" diameter chrome shafts and (8) 2" shafts

90-degree full tilt tub for easy access to hammermill with hydraulically powered variable RPM forward and reverse tub control; Morbark Integrated Control System tub controlled with automatic reversing tub, sensor system

Tub cover for debris containment

Engine gauge panel and emergency shut-down system

Heavy-duty 12" tube frame with hydraulic stabilizer legs

15' diameter opening across the top

### Hammermill and Screen

43" x 69" Hammermill opening with heavy-duty 28" diameter rotors, (16) 1 3/8" thick 2-piece rotor plates keyed on an 8 1/4" diameter rotor shaft with 5 3/16" bearings, (8) 2 1/2" hammer retaining rods

Hydraulic Rod Pusher

Set of two 1" thick steel heavy-duty screens

### Options

Magnetized end pulley with collecting slide tray for ferrous metal removal

Morbark automatic reversing fan system

11 HP auxiliary air compressor

Air compressor guard



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 BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

800.831.0042  
 989.866.2381  
 www.morbark.com

PO Box 1000  
 8507 S. Winn Rd.  
 Winn, MI 48896