

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 7/8/11

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) 530 gallons
Hydraulic oil capacity 328 gallons

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



MORBARK®
BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

800.831.0042
989.866.2381
www.morbark.com

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