

MORBARK® 1300B TUB GRINDER



BENEFITS

- The Morbark 1300B Tub Grinder combines heavy-duty construction with the latest technology, including the Morbark Integrated Control System, which allows you to monitor critical machine parameters.
- Replaceable, one-piece anvil and tub floor wear plates make maintenance easy and reduce downtime.
- 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 1300B 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.



Hammermill

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

SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 11/21/14

General

Length (transport) 45'
 Length (operating) 60'10"
 Height (transport) 13'6"
 Width 11'11"
 Gross weight NCL (approximate) . . 74,580 lbs.
 Axle weight NCL (approximate) . . . 50,520 lbs.
 Tongue weight NCL (approximate) . . 24,060 lbs.
 Gross weight WCL (optional) 86,520 lbs.
 Axle weight WCL (optional) 56,000 lbs.
 Tongue weight WCL (optional) 30,520 lbs.
 Engine CAT or Cummins
 Horsepower 800–1,050 HP
 Fuel capacity (tank) 505 gallons
 Hydraulic oil capacity 205 gallons

Tub

Tub has 10' diameter at inside base, and 57" deep walls constructed of 3/8" structural steel plate, floor constructed of 1/2" thick T-1 wear-resistant steel, supported by (16) roller guides carried on 1 1/2" diameter shaft
 Hydraulic full tilt tub for easy access to hammermill, with hydraulically powered variable RPM forward and reverse MICS (Morbark Integrated Control System) tub control
 Tub cover for debris containment

Equipment Highlights

31" x 64" Hammermill system constructed of heavy-duty 20" diameter rotor, (13) 1 7/8" thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 7" diameter shaft with 4 7/16" bearings and (8) 2 1/4" hammer retaining rods
 1" thick steel heavy duty split-screens

Additional Features

Two 16" diameter augers discharge onto a 40" x 31' heavy-duty belt conveyor
 Discharge height of 17'
 Magnetized end pulley with collecting slide tray for ferrous metal extraction
 Hydraulic fold for transport
 Front hydraulic stabilizers and manual outriggers

Options Include

Electric power
 Air compressor
 Morbark automatic reversing fan
 Remote control
 Hydraulic rod pusher
 Variety of screens
 14' tub flare
 ESPAR heating system
 Externally adjustable break-away torque limiter
 Available with cab and loader (shown)



MORBARK®
 BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

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