

# MORBARK 1600 TUB GRINDER

## BENEFITS

- Full hydraulic tilt tub provides easy access to grates and anvil for routine maintenance
- Backed by a world class parts & service support team.
- Long lasting, durable machine that holds its value.
- Proven drive line protection system that protects against catastrophic damage from contaminants.



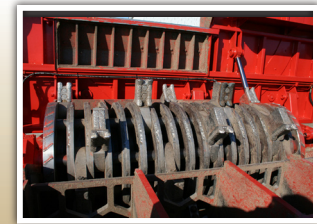
**Morbark Integrated Control Systems**  
The ultimate diagnostic system; monitors hydraulic pressures, temperatures, clutch systems, tub rotation and engine efficiency while automatically adjusting to maximize performance.



**REMOTE CONTROL**  
Allows the operator to quickly adjust feed systems to obtain maximum production rates while keeping engine load constant and fuel consumption to a minimum.



**HYDRAULIC AUGERS**  
Durable, hard surfaced steel augers quickly remove product from beneath the mill. Pressure sensors on the auger system automatically slow tub rotation to prevent plugging.



**HAMMERMILL**  
Laser cut, factory balanced mill with forged hammers provides optimum grinding power.

## SPECIFICATIONS

Note: Specifications may vary with equipment options

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### GENERAL

Length (transport).....49'9"  
Length (operating).....68'10"  
Height .....13' 6"  
Width ..... 12'  
Gross weight .....94,180 lbs.  
Axle weight.....60,000 lbs.  
Tongue weight .....34,180 lbs.  
Engine.....CAT or Cummins  
Horsepower ..... 1,050 HP to 1,200 HP  
Fuel capacity (tank) .....530 gallons  
Hydraulic oil capacity.....328 gallons  
Morbark Integrated Control Systems  
Wireless radio remote control

### TUB

Tub folds 92° to empty debris  
15' tub opening, 11'2" diameter at inside base, and 60" deep  
Tub capacity of 20 cubic yards  
Walls constructed of 3/8" thick structural steel plate, floor constructed of 1/2" steel  
Tub assembly aligned by 16 guide wheels with 2" diameter pins  
Fold-in flares to maintain transport width of under 12'  
Safety shut down system

### HAMMERMILL AND SCREENS

43" x 69" hammermill opening  
28" diameter rotor with eight 2 1/2" heat-treated hammer retaining rods mounted on an 8 1/4" diameter rotor shaft  
42 1/4" tip swing  
Equipped with twenty-six or thirty 2 1/4" forged hammers

and 3" inserts

Two 1" AR-400 screens  
Screening area 5,735 square inches

### DISCHARGE SYSTEM

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

### OPTIONS

Magnetized end pulley with collecting slide tray for ferrous metal removal  
Morbark automatic reversing fan system  
Dust suppression system  
11 HP auxiliary air compressor  
Air compressor  
Break-away torque limiter



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www.morbark.com