

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

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" T-1 steel
Tub assembly aligned by 16 T-1 steel 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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