

MORBARK 1300B 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.



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

GENERAL

Length (transport)..... 45'
Length (operating).....63'6"
Height13' 6"
Width 11' 11"
Gross weight NCL75,120 lbs.
Axle weight NCL 51,580 lbs
Tongue weight NCL.....23,540 lbs.
Gross weight WCL (optional).....86,760 lbs.
Axle weight WCL (optional) 56,340 lbs
Tongue weight WCL (optional).....30,420 lbs.
Engine.....CAT or Cummins
Horsepower 800 HP to 1,050 HP
Fuel capacity (tank)505 gallons
Hydraulic oil capacity.....205 gallons
Morbark Integrated Control Systems
Front hydraulic stabilizers and manual outriggers

TUB

Full hydraulic tilt
13' diameter tub opening, 10' diameter at inside base and 57" deep
Walls constructed of 3/8" thick reinforced steel plate, floor constructed of 1/2" thick T-1 steel
Replaceable wear strips on the tub floor
Tub supported by 16 rubber tire guide rolls, carried on a 1 1/2" diameter chrome shaft
Hydraulic forward and reverse
Safety shut down system
Electronic RPM sensor for tub drive

HAMMERMILL AND SCREEN

31" x 64" hammermill opening
20" x 63" rotor with eight 2 1/4" heat-treated hammer retaining rods mounted on an 7" diameter rotor shaft
30 3/8" tip swing
Equipped with (28) 2" thick forged steel fixed hammers

with double-edged, replaceable cutting tools
1" thick wear form steel split screens
Screening area 3,730 sq. inches
DISCHARGE SYSTEM
Two 16" diameter augers discharge onto a 40"x 31' heavy duty belt conveyor
Discharge height of 17'
OPTIONS
Halogen light package
Air compressor
Morbark automatic reversing fan
Wireless remote control
Electric over hydraulic power pack
Magnetized end pulley with collecting slide tray for ferrous metal extraction
Hydraulic reversing radiator fan
Dust suppression system



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