

# 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

Note: Specifications may vary with equipment options

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### GENERAL

Length (transport).....	43' 8"
Length (operating).....	60' 10"
Height (transport).....	13' 6"
Width.....	11' 11"
Gross weight NCL.....	74,580 lbs.
Axle weight NCL.....	50,520 lbs.
Tongue weight NCL.....	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 HP to 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 M.I.C.S. (Morbark Integrated Control System) tub control. Tub cover for debris containment.

### HAMMERMILL AND SCREEN

31" x 64" Hammermill system constructed of heavy duty 20" diameter rotor, (13) 1-7/8" thick 2-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.

### DISCHARGE SYSTEM

Two 16" diameter augers discharge onto a 40" x 31' heavy duty belt conveyor. Discharge height of 17'. Hydraulic fold for transport.

Front hydraulic stabilizers and manual outriggers.

### OPTIONS

Light package  
Air compressor  
Morbark automatic reversing fan  
Remote control  
Magnetized end pulley with collecting slide tray for ferrous metal extraction  
Hydraulic rod pusher  
Dust suppression system  
14" tub flare  
ESPAR heating system  
Externally adjustable break-away torque limiter  
Available with no cab and loader

