

# MORBARK 1100 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.



### HAMMERMILL

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



### HYDRAULIC AUGERS

Quickly remove product from beneath the mill. During material surges, pressure sensors on the auger system automatically slow tub rotation to prevent plugging.



### TORQUE LIMITER

The full breakaway torque limiter system protects the engine and clutch against shock and overload without stalling the engine.



### TUB TILT

Provides easy access to grates and anvil for routine maintenance.

## SPECIFICATIONS

### GENERAL

Length (operating).....	56'3"
Length (transport).....	37'2"
Height (transport) .....	12'9"
Width .....	11'2"
Gross weight NCL .....	45,720 lbs.
Axle weight NCL .....	34,020 lbs.
Tongue weight NCL.....	11,700lbs.
Gross weight WCL (optional).....	55,040 lbs.
Axle weight WCL (optional).....	37,480 lbs.
Tongue weight WCL (optional).....	17,560 lbs.
Engine.....	CAT, Cummins, or John Deere
Horsepower .....	440 HP to 700 HP
Fuel capacity (tank) .....	160 gallons
Hydraulic oil capacity.....	170 gallons
Front hydraulic stabilizers and manual outriggers	

### TUB

Full hydraulic tilt  
11' diameter tub opening, 9' diameter at inside base and 60" deep, walls constructed of 3/8" reinforced steel plate, floor constructed of 1/2" T-1 wear-resistant steel, supported by 14 guide rolls carried on a 35mm diameter shaft  
Hydraulically powered variable RPM forward and reverse tub control  
Safety shut down system  
Electronic RPM sensor for tub drive  
Tub cover for debris containment

### HAMMERMILL AND SCREENS

24" x 51 1/4" Hammermill system constructed of a heavy duty 16-1/2" diameter laser cut rotor, (13) 1-3/4" thick 2-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 5 7/8" diameter rotor shaft with 3-15/16" bearings direct driven at engine RPM's and (8) 2" hammer retaining rods. Complete with (24) 2" balanced forged steel hard-surfaced hammers

and (24) 2-15/16" replaceable hammerhead inserts with nuts and bolts

1" thick wear form steel heavy duty screens

### DISCHARGE SYSTEM

Two 14" diameter augers discharge onto a 36" belt conveyor  
Discharge height: 15'

Hydraulic fold for transport

### OPTIONS

- Magnetized end pulley
- Break-away torque limiter
- Torque limiting slip device
- Morbark reversing fan
- Wireless remote options
- Air compressor
- 12' tub flare
- Available with cab and loader (as shown)



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