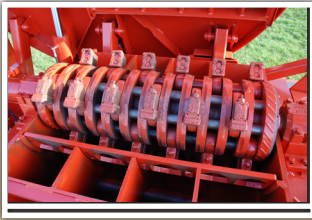


# MORBARK® 1100 TUB GRINDER

## 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

Note: Specifications may vary with equipment options

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### GENERAL

Length (operating).....	56'3"
Length (transport).....	37'2"
Height (transport).....	12'9"
Width.....	11'2"
Gross weight NCL.....	48,630 lbs.
Axle weight NCL.....	34,830 lbs.
Tongue weight NCL.....	13,770lbs.
Gross weight WCL (optional).....	59,920 lbs.
Axle weight WCL (optional).....	40,540 lbs.
Tongue weight WCL (optional).....	19,380 lbs.
Engine.....	CAT, or John Deere
Horsepower.....	500 HP to 700 HP
Fuel capacity (tank).....	160 gallons
Hydraulic oil capacity NCL.....	120 gallons
Hydraulic oil capacity WCL.....	205 gallons

### TUB

Tub has 9' diameter at inside base, and 62" deep, walls constructed of 3/8" reinforced steel plate, floor constructed of 1/2" thick wear-resistant steel, supported by 14 roller guides carried on 1-1/2" diameter shafts. Hydraulic full tilt tub for easy access to hammermill, with hydraulically powered variable RPM forward and reverse tub control; M.I.C.S. (Morbark Integrated Control System) tub controlled with automatic reversing tub, sensor system. Tub cover for debris containment. Morbark Integrated Control System located in the instrument panel.

### HAMMERMILL AND SCREENS

24" x 52" Hammermill system constructed of 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 6-1/4" 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.

Front hydraulic stabilizers and manual outriggers

### OPTIONS

- Magnetized end pulley
- Dust suppression system
- 300 gallon fuel tank in lieu of 160 gallon fuel tank
- Morbark reversing fan
- Variety of screens
- Air compressor
- 12' tub flare
- Dual hydraulic tub drives
- Available with cab and loader (as shown)



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