

MODEL 1600 TUB GRINDER

FEATURES

- Twenty-eight function remote control with display
- Breakaway torque limiter
- Hydraulic rod pusher
- Electric over hydraulic power pack
- Replaceable wear strips constructed of AR- 235 cover 360 degrees of the tub floor



IQAN SYSTEM

Automatically adjusts tub rotation and monitors pressures to maximize production and engine efficiency.



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
Iqan System	
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
 Hydraulic reversing fan
 Dust suppression system
 11 HP auxiliary air compressor
 Satellite linkage for Iqan system



800-831-0042 • 989-866-2381
www.morbark.com