



MORBARK®



MADE FOR **MORE** TO KEEP PACE WITH **YOU**

1300B **TUB GRINDER**

The **Morbark 1300B Tub Grinder** combines heavy-duty construction with the latest technology, including the Morbark Integrated Control System, which allows you to monitor critical machine parameters. With a full breakaway torque limiter system, hydraulic augers and a laser-cut hammer mill, the 1300B tub grinder is the most popular grinder on the market. The optional track undercarriage makes it easy to bring the grinder right to the material.

FEATURES AND BENEFITS

- Tub is equipped with hydraulic augers that allow the operator to quickly remove product from beneath the mill. During material surges, pressure sensors automatically slow tub rotation to prevent plugging.
- The full breakaway torque limiter system protects the engine and clutch against shock and overload without stalling the engine.
- Laser-cut, factory-balanced hammermills with forged hammers offer unsurpassed durability and smooth operation.
- Replaceable, one-piece anvil and tub floor wear plates make maintenance easy and reduce downtime.





MORBARK 1300B TUB GRINDER SPECIFICATIONS

GENERAL	US	METRIC
Length (transport)	40'9"	12.4 m
Length (operating)	60'10"	18.5 m
Height (transport)	12'	3.7 m
Width	11'11"	3.6 m
Gross Weight (NCL)	76,500 lb	34,700 kg
Gross Weight (WCL)	88,000 lb	39,916 kg
Axle Weight (NCL)	50,520 lb	22,915 kg
Axle Weight (WCL)	56,000 lb	25,400 kg
Tongue Weight (NCL)	24,060 lb	10,915 kg
Tongue Weight (WCL)	30,520 lb	13,845 kg
Engine	CAT	
Horsepower	1,050 HP	783 kW
Fuel Capacity (tank)	500 gallons	1,912 litres
Hydraulic Oil	174 gallons	659 litres
Screen Area	3,730 sq in	24,064 sq cm
Tires	255/70R/22.5 Dual Tires	
Towing Arrangement	Fifth wheel	
Brakes	Air	
Tracks	Available on NCL model	

Specifications may vary with equipment options

EQUIPMENT HIGHLIGHTS

- Discharge system consisting of two 16" (40.64 cm) diameter augers discharge onto a 40" (101.6 cm) x 31' (6.71 m) heavy-duty belt conveyor
- Tub has 10' (3.04 m) diameter at inside base, and 57" (144.78 cm) deep walls constructed of 0.375" (9.52 mm) structural steel plate, floor constructed of 0.5" (12.7 mm) thick T-1 wear-resistant steel
- Tub is supported by (16) roller guides carried on 1.5" (3.81 cm) diameter shaft
- 31" (78.74 cm) x 64" (162.56 cm) hammermill system constructed of heavy-duty 20" (50.8 cm) diameter rotor, (13) 1.875" (4.76 cm) thick, laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 7" (17.78 cm) diameter shaft with 4.44" (11.27 cm) bearings and (8) 2.25" (5.71 cm) hammer retaining rods
- Complete with (24) 2" (5.08 cm) balanced hard-surfaced hammers and (24) 3.06" (7.77 cm) forged double-edged replaceable inserts

EQUIPMENT HIGHLIGHTS

- 1" (2.54 cm) thick wear form steel heavy-duty screens
- Magnetized end pulley for discharge conveyor, complete with collecting slide tray for ferrous metal removal
- Remote control with tethered back-up system
- Dust suppression system
- 11-HP (8.2 kW) air compressor
- Hydraulic rod pusher

OPTIONS INCLUDE

- Model 400 knuckleboom loader with 36" (91.44 cm) Tarantula grapple, 360° turn motor and stationary operator's cab
- 14' (4.27 m) diameter tub flare with flat sides to maintain an 11'11" (3.63 m) width
- ESPAR heating system for cold-weather start

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