



# MORBARK



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

# 1300B TRACK 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 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 TRACK TUB GRINDER SPECIFICATIONS

GENERAL	US	METRIC
Length (transport)	40'9"	12.42 m
Length (operating)	48'8"	14.83 m
Height (transport)	12'	3.66 m
Width	11'11"	3.63 m
Gross Weight (approximate)	94,320 lb	42,785 kg
Engine	CAT	
Horsepower	1,050 HP	783 kW
Fuel Capacity (tank)	(2) 300 gallons	(2) 1,135 litres
Hydraulic Oil	240 gallons	908 litres
Screen Area	3,730 sq in	24,064 sq cm
Tracks	SS40 Strickland undercarriage	

Specifications may vary with equipment options

## EQUIPMENT HIGHLIGHTS

- Discharge height of 13' (3.96 m) two heavy-duty hydraulic tub drives engine gauge panel and emergency shut-down system
- Tub has 13' (3.96 m) diameter opening across the top, 10' (3.05 m) diameter at inside base, 57" (144.78 cm) deep walls constructed of 3/8" (9.52 mm) structural steel plate, and floor constructed of 1/2" (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 two-piece 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

- 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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