



**MORBARK®**



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

# 1000 TUB GRINDER

This small but powerful tub grinder is perfect for lower volume applications for land clearing, wood waste recycling, municipalities and compost facilities. Like Morbark's larger grinders, the **1000 Tub Grinder** includes the Morbark Integrated Control System (MICS), which allows you to monitor key systems and adjust feed rates. Equipped with a proven drive line protection system with torque limiter, this model also boasts hydraulic augers to quickly remove product and prevent plugging, a pinned rotor system and a variety of heavy-duty grates to produce different end products, and optional hinged tub flares for use during transportation.

## FEATURES AND BENEFITS

- Laser-cut, factory-balanced hammermills with forged hammers offer unsurpassed durability and smooth operation.
- 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.
- Hydraulic tub tilt provides easy access to grates and anvil for routine maintenance.





# MORBARK® 1000 TUB GRINDER SPECIFICATIONS

GENERAL	US	METRIC
Length (transport)	28'2"	8.58 m
Length (operating)	48'2"	14.68 m
Height (transport)	12'11"	3.98 m
Width	8'6"	2.59 m
Gross Weight (approximate)	28,740 lb	13,063 kg
Axle Weight (approximate)	20,440 lb	9,271 kg
Tongue Weight (approximate)	8,300 lb	3,764 kg
Engine	CAT	
Horsepower	577 HP	430.3 kW
Fuel Capacity (tank)	160 gallons	605 litres
Hydraulic Oil	80 gallons	302 litres
Screen Area	1,900 sq in	12,258 sq cm
Tires	LT245/75R16.0	
Towing Arrangement	Pintle hitch or Fifth wheel	
Brakes	Air	
Tracks	Optional	

Specifications may vary with equipment options

## EQUIPMENT HIGHLIGHTS

- Two 12" (30.48 cm) diameter augers that discharge onto a 28" (71.12 cm) belt conveyor
- 10'6" (3.2 m) diameter tub opening, 8' (2.44 m) diameter at inside base, and 50" (127 cm) deep walls constructed of 0.25" (.63 cm) reinforced steel plate, floor constructed of 0.375" (.95 cm) thick wear-resistant steel
- Tub is supported by 10 rubber tire guide rolls
- 24.5" (62.23 cm) x 46" (116.84 cm) hammermill system constructed of a heavy-duty 16" (40.64 cm) diameter laser-cut rotor, (19) 1.125" (2.86 cm) thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 4.5" (11.43 cm) diameter rotor shaft with 3.44" (8.73 cm) bearings direct driven at engine RPM and (8) 1.25" (3.17 cm) hammer retaining rods
- Complete with (36) 1.25" (3.17 cm) balanced forged hard-surfaced fixed hammers and (36) 2" (5.08 cm) wide replaceable inserts and 0.75" (1.9 cm) thick heavy-duty screens

## EQUIPMENT HIGHLIGHTS

- 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
- Pintle hitch towing arrangement with dual axles

## OPTIONS INCLUDE

- Dual axles with fifth wheel towing arrangement

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