



**MORBARK®**

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

# 1100 TUB GRINDER

The **Morbark 1100 Tub Grinder** is a mid-sized grinder that brings price and performance together for the processing and reduction of wood waste. This tub grinder packs an impressive line of features usually only found on larger models, including the Morbark Integrated Control System (MICS) to adjust feed rates of a variety of materials while optimizing fuel efficiency.

## 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 1100 TUB GRINDER SPECIFICATIONS

GENERAL	US	METRIC
Length (transport)	37'2"	11.33 m
Length (operating)	56'3"	17.14 m
Height (transport)	12'9"	3.88 m
Width	9'9"	3 m
Gross Weight (NCL)	48,630 lb	22,058 kg
Gross Weight (WCL)	59,920 lb	27,180 kg
Axle Weight (NCL)	34,830 lb	15,800 kg
Axle Weight (WCL)	40,540 lb	18,390 kg
Tongue Weight (NCL)	13,770 lb	6,245 kg
Tongue Weight (WCL)	19,380 lb	8,790 kg
Engine	CAT	
Horsepower	800 HP	596 kW
Fuel Capacity (tank)	300 gallons	605 litres
Hydraulic Oil	120 gallons	454 litres
Screen Area	2,174 sq in	14,026 sq cm
Tires	(8) 255/70R/22.5	
Towing Arrangement	Fifth wheel	
Brakes	Air	

Specifications may vary with equipment options

## EQUIPMENT HIGHLIGHTS

- 15' (4.57 m) discharge system consisting of dual hydraulically powered 14" (35.65 cm) diameter by 84" (213.36 cm) long augers and 36" (91.44 cm) x 26' (7.92 m) belt conveyor with hydraulic fold for transport
- 12' (3.66 m) diameter opening across the top, 9' (2.74 m) diameter at inside base of tub; 60" (152.4 cm) deep walls constructed of 0.375" (.95 cm) reinforced steel plate, floor constructed of 0.5" (1.27 cm) thick wear-resistant steel.
- Tub is supported by 14 roller guides carried on 1.5" (3.81 cm) diameter shafts
- 24" (60.96 cm) x 51.25" (130.18 cm) Hammermill system constructed of heavy-duty 16.5" (41.91 cm) diameter laser cut rotor, (13) 1.75" (4.44 cm) thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 5.875" (14.92 cm) diameter rotor shaft with 3.94" (10 cm) bearings direct driven at engine RPM and eight 2" (5.08 cm) hammer retaining rods

## EQUIPMENT HIGHLIGHTS

- Complete with (24) 2" (5.08 cm) balanced forged steel hard-surfaced hammers and (24) 2.94" (7.46 cm) replaceable inserts
- 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

## OPTIONS INCLUDE

- Model 250 knuckleboom loader with 30" (76.2 cm) Tarantula grapple, 360° turn motor and stationary operator's cab in lieu of remote control

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