



MORBARK



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

1600 TUB GRINDER

The largest tub grinder on the market, the **Morbark 1600 Tub Grinder** is able to power through and reduce materials from large land clearing or organic/wood waste programs. With an 11'2" (3.4 m) tub diameter, 15' (4.57 m) tub opening and a capacity of 20 cubic yards (15.3 cubic meters) and 1,200 horsepower (895 kW), this machine can power through tons of raw materials from large land-clearing projects and organic/wood waste processing. The Morbark Integrated Control System (MICS) monitors key systems while maximizing performance, and the remote control allows you to quickly adjust feed systems for top production rates and fuel efficiency.

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 mill with forged hammers provides optimum grinding power.





MORBARK 1600 TUB GRINDER SPECIFICATIONS

GENERAL	US	METRIC
Length (transport)	52' 2 ¼"	15.14 m
Length (operating)	71' 4 ¾"	21.76 m
Height (transport)	13'6"	4.11 m
Width	11' 11"	3.66 m
Gross Weight (approximate)	106,020 lb	48,090 kg
Axle Weight (approximate)	59,920 lb	27,180 kg
Tongue Weight (approximate)	41,160 lb	18,670 kg
Engine	CAT	
Horsepower	1,200 HP	895 kW
Fuel Capacity (tank)	606 gallons	2,294 litres
Hydraulic Oil	328 gallons	1,242 litres
Screen Area	5,735 sq in	37,000 sq cm
Tires	(12) 255/7 OR/22.5	
Towing Arrangement	Fifth wheel	
Brakes	Air	

Specifications may vary with equipment options

EQUIPMENT HIGHLIGHTS

- Three 16" (40.64 cm) diameter augers discharging onto a 60" (152.4 cm) x 34' (10.36 m) heavy-duty belt conveyor
- Tub has 11'2" (3.4 m) diameter at inside base, 35" (152.4 cm) deep walls constructed of 0.375" (9.52 mm) reinforced steel plate, and floor constructed of 0.5" (12.7 mm) thick T-1 wear-resistant steel
- Tub is supported by 16 roller guides carried on (8) 1.5" (3.81 cm) diameter chrome shafts and (8) 2" (5.08 cm) shafts
- 42" (109.22 cm) x 66 1/2" (175.26 cm) hammermill opening with heavy-duty 28" (71.12 cm) diameter rotors, (16) 1.375" (3.49 cm) thick 2-piece rotor plates keyed on an 8.375" (20.95 cm) diameter rotor shaft with 5.19" (13.17 cm) bearings, (8) 2.5" (6.35 cm) hammer retaining rods

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
- Hydraulic rod pusher
- Tub cover for debris containment

OPTIONS INCLUDE

- ESPAR heating system for cold-weather start
- VTection System

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