

MORBARK® 1100 TUB GRINDER

FEATURES

- » 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
- » Tub has 9' (2.74 m) diameter at inside base, and 62" (157.48 cm) deep walls constructed of $\frac{3}{8}$ " (.95 cm) reinforced steel plate, floor constructed of $\frac{1}{2}$ " (1.27 cm) thick wear-resistant steel.
- » Tub supported by 14 roller guides carried on 1 $\frac{1}{2}$ " (3.81 cm) diameter shafts
- » 24" (60.96 cm) x 52" (132.08 cm) Hammermill system constructed of heavy-duty 16 $\frac{1}{2}$ " (41.91 cm) diameter laser cut rotor, (13) 1 $\frac{3}{4}$ " (4.44 cm) thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 5 $\frac{7}{8}$ " (14.92 cm) diameter rotor shaft with 3 $\frac{5}{16}$ " (10 cm) bearings direct driven at engine RPM and eight 2" (5.08 cm) hammer retaining rods
- » Complete with (24) 2" (5.08 cm) balanced forged steel hard-surfaced hammers and (24) 2 $\frac{15}{16}$ " (7.46 cm) replaceable inserts
- » 1" (2.54 cm) thick wear form steel heavy-duty screens
- » Tub is equipped with hydraulic augers that allows the operator to quickly remove product from beneath the mill. During material surges, pressure sensors automatically slow tub rotation to prevent plugging
- » Magnetized end pulley for discharge conveyor, complete with collecting slide tray for ferrous metal removal
- » Remote control with tethered back-up system
- » Dust supression system
- » 11-HP (8.2 kW) air compressor

OPTIONS

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



Morbark Integrated Control Systems (MICS)

The full breakaway torque limiter system protects the engine and clutch

Hydraulically tilt the tub for easy access to grates and anvil



SPECIFICATIONS

US

METRIC

Length (transport)	37'2"	11.33 m
Length (operating)	56'3"	17.14 m
Height (transport)	12'9"	3.88 m
Width	11'2"	3.4 m
Gross Weight (NCL)	48,630 lbs	22,058 kg
Gross Weight (WCL)	59,920 lbs	27,180 kg
Axle Weight (NCL)	34,830 lbs	15,800 kg
Axle Weight (WCL)	40,540 lbs	18,390 kg
Tongue Weight (NCL)	13,770 lbs	6,245 kg
Tongue Weight (WCL)	19,380 lbs	8,790 kg
Engine	CAT	
Horsepower	540 to 765 HP	402 to 570 kW
Fuel Capacity (tank)	160 gallons	605 litres
Hydraulic Oil	120 gallons	454 litres
Tires	LT245/75R16.0	
Towing arrangement	Fifth wheel only	
Brakes	Air	
Tracks	Not available on this model	



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SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS

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