



MORBARK®

RECYCLING EQUIPMENT
REFERENCE GUIDE





MORBARK®

You begin each day before dawn with a drive and determination to do more than the day before. When you move at this pace, you know to do more you need equipment that is made for more. That's why our recycling equipment is built from the ground up to meet your needs, delivering:

More Power and Production
Consistent, Quality End Product
Lower Operating Costs
Ease of Maintenance
Greater Longevity and Resale Value

If you're ready to operate equipment that's made to keep pace with you, then we invite you to go to **morbarkdealers.com** to find your local authorized dealer. Your Morbark dealer or sales representative will work with you to assess your needs now and in the future, as well as offer equipment recommendations, financing options, wear parts and service if you should ever need it.

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2400X

HORIZONTAL GRINDER



Ideal for niche markets like pallet recycling, sawmills, nurseries and tree care debris, the Morbark 2400X Wood Hog Horizontal Grinder is perfect for processing yard waste, brush and other mixed woody feedstock into marketable end products product. Designed to be modular and available in multiple configurations for various applications, this grinder can take your business to the next level.

EQUIPMENT HIGHLIGHTS

- Sloped infeed walls for improved visibility.
- Variable speed infeed system consisting of live floor equipped with slat chain
- Removal bottom infeed clean-out door
- Hydraulically operated debris containment door
- Heavy-duty, pinned rotor complete with (18) hammers and (18) replaceable inserts
- Dual belt discharge consisting of primary aggregate belt conveyor discharge onto a secondary stacking conveyor.
- NACD 11.5" triple plate clutch
- Independent adjustable drive belt tensioner
- Single, side-load grate system made of AR450 steel available in multiple hole sizes and patterns

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)*	29'7"/26'9"	9.02/8.15 m
Height (transport)*	11'4"/10'11"	3.5/3.4 m
Width*	7'6"/8'1"	2.3/2.5 m
Gross Weight (approximate)*	19,900/ 25,000 lb	9.026.5/ 11,339 kg
Axle Weight (app.)	17,900 lb	8,119.3 kg
Tongue Weight (app.)	2,000 lb	907.2 kg
Engine	Volvo	
Horsepower	234 HP	174 kW
Fuel Capacity	88 gallons	333 liters
Hydraulic Oil	63 gallons	238.5 liters
Infeed Opening	23" x 53"	58.4 x 134.6 cm
Screen Area	1,557 sq in	8,413 sq cm
Brakes	Electric	
Towing	Pintle hitch	
Tires	(4) 235-75R-17.5H	
Tracks (optional)	308 Caterpillar	

*Wheeled/Tracked

OPTIONS INCLUDE

- Magnetized end pulley for ferrous metal removal
- CAT 308 undercarriage with 450 mm triple grouser pads
- Electric power



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3000X

HORIZONTAL GRINDER



Ideal for niche markets like municipal recycling, pallet recycling, lot clearing, nurseries and tree care debris, the Morbark 3000X Wood Hog Horizontal Grinder is perfect for processing yard waste, brush and other mixed woody feedstock into merchantable product. The size of the 3000X allows the model to be configured for multiple applications and global markets without additional design considerations.

EQUIPMENT HIGHLIGHTS

- Sloped infeed walls for improved visibility
- Variable speed infeed system consisting of (4) strands of WDH-120 welded chain
- Removable bottom infeed clean-out door
- Hydraulically operated debris containment door
- Heavy-duty pinned rotor complete with (18) hammers and (18) replaceable inserts
- Dual belt discharge system consisting of primary aggregate belt conveyor discharge onto a secondary stacking conveyor
- PT Tech Hydraulic Clutch
- Independent adjustable drive belt tensioner
- Hydraulically operated hood to allow quick and easy access to changing grates
- Wireless remote with tethered back-up

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)	30'6"/30'2"	9.29/9.19 m
Length (operating)	48'1"/48'1"	14.65/14.65 m
Height (transport)	12'2"/12'	3.7/3.65 m
Height (operating)	14'8"/14'6"	4.5/4.4 m
Width	8'3"/8'2"	2.5/2.5 m
Gross Weight (app.)	54,000/60,700 lb	24,494/27,533 kg
Engine	CAT	
Horsepower	577 HP	430 kW
Fuel Capacity (tank)	175 gallons	633 liters
Hydraulic Oil	85 gallons	322 liters
Infeed Opening	57.5" x 38"	145 x 96.5 cm
Screen Area	3,775 sq in	24,419 sq cm
Towing	Pintle hitch or fifth wheel	
Tracks	CAT 320L Double/Triple Grousers	

EQUIPMENT HIGHLIGHTS

- Hydraulic hinged door allows quick and easy access for changing grates
- Externally adjustable break-away torque limiter
- Vtection system
- Hydraulic rod puller
- ESPAR heating system
- Air compressor
- Spare Grate Rack

OPTIONS INCLUDE

- CAT 320L 500 mm triple grouser track undercarriage
- Magnetized end pulley for ferrous metal removal
- Electric power



MORBARK®

3400X

HORIZONTAL GRINDER



One of the most important features of the 3400X Wood Hog is its standard width of 8'6" (2.59 m), making it within the legal transport width in any country, no matter what engine is used. With 800 horsepower (596 kW), this model is ideal for a broad range of applications in a wide variety of markets worldwide. Like all of Morbark Wood Hogs, the 3400X also is available with electric power.

EQUIPMENT HIGHLIGHTS

- Sloped infeed walls for improved visibility
- Extended area between the hood and engine provides more working space for better access to components for general maintenance or to change screens.
- The Morbark Integrated Control Systems (MICS) automatically adjusts feed rates and monitors pressures and feed wheel position to maximize production and engine efficiency.
- The hydraulic hinged door allows quick and easy access for changing grates.
- The internal planetary drive with no chains and sprockets means lower maintenance, more torque and better durability.
- A proven drive line protection system protects against catastrophic damage from contaminants.
- Remote control with tethered back-up system

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)	38'2"/38'2"	11.63 m
Length (operating)	57'9"/57'9"	17.37 m
Height (transport)	12'/12'2.5"	3.7/3.7 m
Height (operating)	16'.5"/16'.5"	4.95 m
Width	8'6"	2.59 m
Gross Weight (approximate)*	60,000/ 71,900 lb	27,216/ 32,613 kg
Axle Weight (app.)	40,460 lb	18,352 kg
Tongue Weight (app.)	19,260 lb	8,736 kg
Engine	CAT	
Horsepower	800 HP	596 kW
Fuel Capacity	300 gallons	1,135 liters
Hydraulic Oil	100 gallons	378 liters
Infeed Opening	57.5" x 44"	145 x 112 cm
Screen Area	3,785 sq in	24,419 sq cm
Tracks (optional)	320L Caterpillar	

*Wheeled/Tracked

EQUIPMENT HIGHLIGHTS

- Variable speed infeed system consists of one 34" (86.36 cm) diameter top compression feed roll with internal drive and a 16' long x 57.5" (4.88 m x 146 cm) wide live floor equipped with four strands of WDH-120 chain in a staggered configuration
- 32" x 58.5" (81.28 cm x 149 cm) hammermill system with a 7.25" (18.41 cm) diameter shaft and eight 2.25" (5.7 cm) hammer retaining rods. Hammermill with multiple patterns available.
- Removable infeed chain return floor
- Discharge system consists of a hydraulically driven, horizontal 42" x 19'9" (106.68 cm x 6.02 m) aggregate belt conveyor discharging onto a 36" (91.44 cm) wide stacking conveyor with hydraulic fold for transport
- Magnetized end pulley with collecting slide tray for ferrous metal removal
- 11-hp (8.2 kW) air compressor



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6400X

HORIZONTAL GRINDER



Ideal for processing wood waste, land clearing and storm debris into merchantable products, the 6400X Wood Hog's size allows it to be transported to nearly all domestic and international markets. The infeed bed is 24 inches (60.96 cm) longer than previous Morbark grinders in the 1,000-plus horsepower range and has sloped sides. This configuration improves operator sight lines for more efficient loading of material.

EQUIPMENT HIGHLIGHTS

- Sloped infeed walls for improved visibility
- Variable speed infeed system consisting of hydraulic live floor equipped with (4) strands of WDH-120 welded chain and top compression feed roll with internal hydraulic drive
- 42" x 61.375" (106.7 cm x 155.9 cm) hammermill system with (18) 2.25" replaceable hammers, (18) 2.25" replaceable rakers, and (18) 3.5" Alpha 3 inserts
- Dual belt discharge system consisting of primary aggregate belt conveyor discharge onto a secondary stacking conveyor
- Magnetized end pulley with collecting slide tray for ferrous metal removal
- PT Tech hydraulic clutch

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)*	47'1" / 44'	14.35/13.41 m
Height (transport)*	12'5" / 11'10"	3.78/3.61 m
Height (operating)*	17'7" / 17'2.25"	5.36/5.26 m
Width*	9'10" / 11'5.5"	2.99/3.49 m
Gross Weight (approximate)*	87,250/ 96,500 lb	39,576/ 43,771 kg
Engine	CAT	
Horsepower	1,050-1,200 HP	783-895 kW
Fuel Capacity	365 gallons	1,382 liters
Hydraulic Oil	250 gallons	946 liters
Infeed Opening	60" x 60"	152.4 x 152.4 cm
Screen Area	5,406 sq in	34,877 sq cm
Towing	Adjustable Fifth Wheel Hitch	
Tracks (optional)	325L Caterpillar	

*Wheeled/Tracked

EQUIPMENT HIGHLIGHTS

- Extended area between the hood and the engine provides additional working space for better access to components for general maintenance or to change screens.
- The Morbark Integrated Control Systems (MICS) automatically adjusts feed rates and monitors pressures and feed wheel position to maximize production and engine efficiency.
- Independent hammermill drive belt tensioner
- Optional CAT 325L 600 mm double grouser track undercarriage
- Hydraulically operated hood to allow quick and easy access for changing grates
- Wireless remote with tethered back-up system
- 11-HP (8.2 kW) air compressor
- Externally adjustable break-away torque limiter
- Vtection system
- Hydraulic Rod Puller
- ESPAR Heating System
- Spare Grate Rack



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950

TUB GRINDER



Compact and easy-to-haul, the Morbark 950 Tub Grinder is ideal for converting yard and wood waste, pallets and other mixed woody feedstocks into merchantable products. The 950 tub grinder is equipped with a proven drive line protection system that protects against catastrophic damage from contaminants.

EQUIPMENT HIGHLIGHTS

- 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.
- Tub is supported by five rubber tire guide rolls.
- Two 12" (30.48 cm) diameter augers discharge onto a 28" (71.12 cm) x 15' (4.57 m) upright discharge conveyor.

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)	22'	6.7 m
Length (operating)	29'5"	8.97 m
Height (transport)	12'5"	3.78 m
Width	8'4"	2.54 m
Gross Weight (app.)	14,150 lb	6,418 kg
Engine	CAT	
Horsepower	275 HP	205 kW
Fuel Capacity	58 gallons	220 liters
Hydraulic Oil	50 gallons	189 liters
Screen Area	1,612 sq in	10,400 sq cm
Tires	LT235/75R17.5	
Towing	Pintle hitch	
Brakes	Electric	

EQUIPMENT HIGHLIGHTS

- 8'4" (2.54 m) diameter opening across the top, 6'6" (1.98 m) diameter inside base, and 44" (111.76 cm) deep walls constructed of 0.25" (.63 cm) reinforced steel plate, floor constructed of 0.25" (.63 cm) thick T-1 wear-resistant steel
- 22.5" (57.15 cm) x 32.5" (82.55 cm) hammermill system with a 4.5" (11.43 cm) diameter rotor shaft and eight 1.25" (3 cm) hammer retaining rods
- Magnetized end pulley for discharge conveyor, complete with collecting slide tray for ferrous metal removal
- Remote control with a tethered back-up system
- Dust suppression system

OPTIONS INCLUDE

- Fifth wheel towing arrangement with single axle
- 1/3 tub cover
- Dual tub slide tray assembly



MORBARK®

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, 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.
- Tub is supported by 10 rubber tire guide rolls.

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)	34'6"	10.5 m
Length (operating)	54'2"	16.5 m
Height (transport)	12'10.25"	3.9 m
Width	8'6"	2.59 m
Gross Weight (app.)	34,500 lb	15,649 kg
Axle Weight (app.)	20,440 lb	9,271 kg
Tongue Weight (app.)	8,300 lb	3,764 kg
Engine	CAT	
Horsepower	577 HP	430.3 kW
Fuel Capacity	160 gallons	605 liters
Hydraulic Oil	120 gallons	454 liters
Screen Area	1,900 sq in	12,258 sq cm
Tires	(8) 255/70R/22.5	
Towing	Pintle hitch or Fifth wheel	
Brakes	Air	

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 opening across the top, 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
- 24.5" (62.23 cm) x 46" (116.84 cm) hammermill system with a 4.5" (11.43 cm) diameter rotor shaft and eight 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
- Magnetized end pulley with collecting slide tray for ferrous metal removal
- 11-HP (8.2 kW) air compressor
- Dust suppression system
- Optional: ESPAR Heating System



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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.

EQUIPMENT HIGHLIGHTS

- 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.
- Options include Model 250 knuckleboom loader with 30" (76.2 cm) Tarantula grapple, 360° turn motor and stationary operator's cab.
- Tub is supported by 14 roller guides carried on 1.5" (3.81 cm) diameter shafts.

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Specifications may vary with equipment options

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 (approximate)*	48,630/ 59,920 lb	22,058/ 27,180 kg
Axle Weight (approximate)*	34,830/ 40,540 lb	15,800/ 18,390 kg
Tongue Weight (approximate)*	13,770/ 19,380 lb	6,245/ 8,790 kg
Engine	CAT	
Horsepower	800 HP	596 kW
Fuel Capacity	300 gallons	1,136 liters
Hydraulic Oil	120 gallons	454 liters
Screen Area	2,174 sq in	14,026 sq cm
Tires	(8) 255/70R/22.5	
Towing	Fifth wheel	
Brakes	Air	

*NCL/WCL

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, and 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.
- 24" (60.96 cm) x 51.25" (130.18 cm) Hammermill system with a 5.875" (14.92 cm) diameter rotor shaft and eight 2" (5.08 cm) hammer retaining rods
- Magnetized end pulley with collecting slide tray for ferrous metal removal
- 11-HP (8.2 kW) air compressor



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1200XL

TUB GRINDER



The Morbark 1200XL Tub Grinder is a mid-sized grinder that features the Morbark Integrated Control System for the ultimate in diagnostics; dual hydraulic tub drive motors for increased torque and greater efficiency; hydraulic augers for quick removal of product from beneath the mill; laser-cut, factory-balanced hammermills with forged hammers for unsurpassed durability and smooth operation; and tub tilt for easy access to grates and anvil for routine maintenance.

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.
- Tub has 13' (3.96 m) opening across the top, 9' (2.74 m) diameter at inside base and 62" (157.48 cm) deep walls; the floor is constructed of 0.5" (1.27 cm) thick wear-resistant steel.
- Options include Model 350 Knuckleboom loader with 36" (91.44 cm) Tarantula grapple, 360° turn motor and stationary operator's cab
- The tub is supported by 16 roller guides carried on 1.375" (35 mm) diameter shafts.

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)*	38'3.75"/41'3"	12/12.57 m
Length (operating)*	57'7"/60'3"	17.6/18.36 m
Height (transport)*	12'10"/13'6"	3.9/4.11 m
Width	10'4"	3.2 m
Gross Weight (approximate)*	55,000/ 75,000 lb	24,948/ 34,019 kg
Axle Weight (approximate)*	43,840/ 50,000 lb	19,885/ 22,680 kg
Tongue Weight (approximate)*	11,810, 25,000 lb	5,360/ 11,340 kg
Engine	CAT	
Horsepower	800 – 875 HP	596 – 652 kW
Fuel Capacity	300 gallons	1,135 liters
Hydraulic Oil	174 gallons	659 liters
Screen Area	2,480 sq in	16,000 sq cm
Tires	(8) 255/70R/22.5	
Towing	Fifth wheel	
Brakes	Air	

*NCL/WCL

- Discharge system consisting of dual hydraulic 14" (35.56 cm) diameter augers and a 36" (91.44 cm) belt conveyor
- 27" (68.58 cm) x 51.25" (130.17 cm) hammermill system with a 5.875" (14.92 cm) diameter rotor shaft and eight 2" (5.08 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
- Remote control with tethered back-up system
- Remote control with tethered back-up system
- Magnetized end pulley for discharge conveyor, complete with collecting slide tray for ferrous metal removal
- 11-HP (8.2 kW) air compressor



MORBARK®

1300B

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.

EQUIPMENT HIGHLIGHTS

- 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.
- 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 with a 7" (17.78 cm) diameter shaft and eight 2.25" (5.71 cm) hammer retaining rods

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)	40'9"	12.4 m
Length (operating)	48'8"	18.54 m
Height (transport)	12'	3.66 m
Width	11'11"	3.63 m
Gross Weight	76,500/88,000 lb	34,700/39,916 kg
Engine	CAT	
Horsepower	1,050 HP	783 kW
Fuel Capacity*	(2) 300 gallons	(2) 1,135 liters
Hydraulic Oil*	240 gallons	908 liters
Screen Area	3,730 sq in	24,064 sq cm
Tires	385/65R/22.5 Super Singles	
Towing	Fifth wheel	
Brakes	Air	
Tracks	Available on NCL model	

*NCL/WCL

- 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 0.375" (9.52 mm) structural steel plate, and floor constructed of 0.5" (12.7 mm) thick T-1 wear-resistant steel with multiple replaceable wear plates
- 11-HP (8.2 kW) air compressor
- Magnetized end pulley for discharge conveyor, complete with collecting slide tray for ferrous metal removal
- Hydraulic rod pusher

OPTIONS

- Model 400 Knuckleboom loader with 36" (91.44 cm) Tarantula grapple, 360° turn motor and stationary operator's cab
- 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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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 optional track undercarriage makes it easy to bring the grinder right to the material.

EQUIPMENT HIGHLIGHTS

- 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 break-away 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.
- Tub is supported by 16 roller guides carried on 1.5" (3.81 cm) diameter shaft.

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Specifications may vary with equipment options

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 (app.)	76,500 lb	34,700 kg
Engine	CAT	
Horsepower	1,050 HP	783 kW
Fuel Capacity	(2) 300 gal.	(2) 1,135 L
Hydraulic Oil	240 gallons	908 liters
Screen Area	3,730 sq in	24,064 sq cm
Tracks	SS40 Strickland undercarriage	

EQUIPMENT HIGHLIGHTS

- Discharge height of 13' (3.96 m) two heavy-duty hydraulic tub drives engine gauge panel and emergency shut-down system
- 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 0.375" (9.52 mm) structural steel plate, and floor constructed of 0.5" (12.7 mm) thick T-1 wear-resistant steel with multiple replaceable wear plates
- 31" (78.74 cm) x 64" (162.56 cm) hammermill system with a 7" (17.78 cm) diameter shaft and eight 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
- 1" (2.54 cm) thick wear form steel heavy-duty screens
- Remote control with tethered back-up system
- Dust suppression system
- 11-HP (8.2 kW) air compressor
- Magnetized end pulley for discharge conveyor, complete with collecting slide tray for ferrous metal removal
- Hydraulic rod pusher



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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.
- Tub is supported by 16 roller guides carried on eight 1.5" (3.81 cm) diameter chrome shafts and eight 2" (5.08 cm) shafts.

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Specifications may vary with equipment options

GENERAL	US	METRIC
Length (transport)	40'9"	12.42 m
Length (operating)	48'8"	14.8 m
Height (transport)	12'	3.7 m
Width	11'11"	3.6 m
Gross Weight (app.)	76,500 lb	34,700 kg
Axle Weight (app.)	59,920 lb	27,180 kg
Tongue Weight (app.)	41,160 lb	18,670 kg
Engine	CAT	
Horsepower	1,050 HP	783 kW
Fuel Capacity	(2) 300 gallons	(2) 1,135 liters
Hydraulic Oil	240 gallons	908 liters
Screen Area	3,730 sq in	24,064 sq cm
Tires	(12) 255/70R/22.5	
Towing	Fifth wheel	
Brakes	Air	

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
- 16' (4.88 m) diameter opening across the top, 11'2" (3.4 m) diameter at inside base, 60" (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
- 42" (106.68 cm) x 66" (167.64 cm) hammermill system with an 8.25" (20.95 cm) diameter rotor shaft and eight 2.5" (6.35 cm) hammer retaining rods
- Remote control with tethered back-up system
- Dust suppression system
- Magnetized end pulley for discharge conveyor, complete with collecting slide tray for ferrous metal removal
- 11-HP (8.2 kW) air compressor
- Hydraulic rod pusher
- Tub cover for debris containment



Wherever you're going, we have the metal and experience to get you there.

Most people in the recycling industry are tied to just one market. Morbark is happy to help you think beyond your current market. Diversifying can add stability to your company — while providing ways to enhance your bottom line. We can help you recognize opportunities for your business and convert those ideas into real business.

Our industry experts can help you choose equipment that matches your needs now and in the future. We can help you look at how the equipment can pay for itself. We do financial analyses for your company to help you decide when the capital costs are justified, and these are numbers you can take to the bank.

Service and Maintenance

We understand that your equipment may be the most important investment you'll ever make, so we make investment a two-way street through the development of an extensive, authorized dealer network and comprehensive after-sale service and support.

With regular factory trainings for our dealer service professionals, you can be sure that our global network of dealers will give you first-class support, wherever you are.

Quality Parts

With equipment that lasts as long as ours, we are prepared to provide parts for many years to come. In fact, we still provide parts for equipment built more than 50 years ago. All of our genuine parts are easily available through our dealer network.

In an industry that demands so much from its equipment, it is virtually impossible to find equipment that lasts this long and is supported so well.

If you're ready to grow, we will take you there!



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TO KEEP PACE WITH *YOU*



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