



# MORBARK®



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

# 3400X WOOD HOG HORIZONTAL GRINDER

Listening closely to customer feedback while developing the design for the **3400X Wood Hog**, Morbark provides the features customers want and the versatility they need, while staying true to our proven technology. One of the most important features of the 3400X is that it can be made as narrow as 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 Hog models, the 3400X also is available with electric power. The size of the 3400X allows the model to be configured for multiple applications and global markets without additional design considerations.

## FEATURES AND BENEFITS

- Sloped infeed sides and an additional 24" (60.96 cm) infeed length gives the operator improved visibility and loading efficiency.
- The area between the hood and the engine has been reconfigured to provide an additional 12" (30.48 cm) of 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.
- Electric power is available as an option for a cleaner and often more cost-effective way to process organic waste.

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# MORBARK® 3400X WOOD HOG SPECIFICATIONS



GENERAL	US	METRIC
Length (transport)	38'2"	11.63 m
Length (operating)	57'9"	17.37 m
Height (transport)	12'	3.66 m
Height (operating)	16'0.5"	4.95 m
Width	8'6"	2.59m
Gross Weight (approx.)	59,720 lb	27,088 kg
Axle Weight (approx.)	40,460 lb	18,352 kg
Tongue Weight (approx.)	19,260 lb	8,736 kg
Engine		CAT
Horsepower	800 HP	596 kW
Fuel Capacity (tank)	300 gallons	1,135 litres
Hydraulic Oil	100 gallons	378 litres
Infeed Opening	57.5" x 38"	145 cm x 96.5 cm
Screen Area	3,785 sq in	24,419 sq cm
Tracks		Optional

Specifications may vary with equipment options

## 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 constructed of heavy-duty 20" (50.8 cm) diameter rotor, (16) 58.125" (2.86 cm) thick two-piece laser-cut rotor plates to ensure precisions and enforce steel strength. The plates are keyed on a 7.25" (18.41 cm) diameter shaft with 4.44" (11.27 cm) bearings on both ends of the rotor and eight 2.25" (5.7 cm) hammer retaining rods. Hammermill pattern has (18), 2" (5.08 cm) balanced forged heavy-duty hammers, (18) 3.06" (7.78 cm) wide double-edged replaceable inserts and 18 rakers
- Removable infeed chain return floor
- Automatic reversing fan system
- Dust suppression system
- Hydraulically operated debris containment door

## EQUIPMENT HIGHLIGHTS

- 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
- Remote control with tethered back-up system
- Magnetized end pulley with collecting slide tray for ferrous metal removal
- 11-hp (8.2 kW) air compressor with lockable enclosure

## OPTIONS INCLUDE

- Hydraulic Rod Puller
- ESPAR heating system for cold-weather start

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