

MORBARK® 3800 WOOD HOG



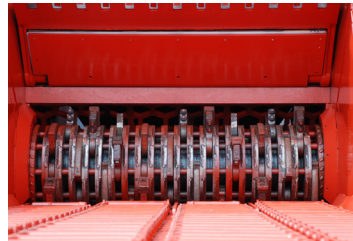
BENEFITS

- The 3800 is an aggressive, productive grinder from the leading manufacturer of industrial-grade grinding equipment.
- Process clearing debris, yard waste, storm debris and other mixed woody feedstocks into saleable products.
- Proven drive line protection system protects against catastrophic damage from contaminants.
- Like all Morbark equipment, the 3800 Wood Hog is a long-lasting, durable machine backed by a world-class parts and service support team.



Morbark Integrated Control Systems (MICS)

Automatically adjusts feed rates and monitors pressures and feed wheel position to maximize production and engine efficiency.



Hammermill

Laser-cut upturn rotor, factory balanced with forged hammers, offers unsurpassed durability and smooth operation.



Feed System

Internal planetary drive with no chains and sprockets means lower maintenance, more torque and better durability.



Electric Power

Electric power is available as an option for a cleaner and often more cost-effective way to process organic waste.

SPECIFICATIONS

SPECIFICATIONS MAY VARY WITH EQUIPMENT OPTIONS 10/17/14

General

Length (transport) 38'8"
 Length (operating) 58'8"
 Height 13'2"
 Height (operating) 17'
 Width 10'8"
 Gross weight 57,420 lbs.
 Axle weight 36,240 lbs.
 Tongue weight 21,180 lbs.
 Engine CAT, Cummins or John Deere
 Horsepower 440 HP to 700 HP
 Fuel capacity (tank) 280 gallons
 Hydraulic oil capacity 187 gallons
 Brakes air
 Towing arrangement fifth wheel
 Dust suppression system
 Hydraulically operated debris containment door
 Remote control with tethered back-up system

Infeed System

Infeed opening 59 3/4" x 38"
 Variable speed infeed system consists of one 30" diameter top compression feed roll with internal drive and a 18' long x 59 3/4" wide live floor equipped with four strands of WDH-110 chain in a staggered configuration.

Hammermill and Grates

28" x 60 3/8" Hammermill system constructed of heavy-duty 17 7/8" diameter rotor, 17 1 1/8" thick two-piece laser-cut rotor plates to ensure precision and enforce steel strength. The plates are keyed on a 5 7/8" diameter shaft with 3 15/16" bearings on both ends of the rotor and eight 2" hammer retaining rods. Hammermill pattern has 18 2" balanced forged heavy-duty hammers, 18 3 1/16" wide double-edged replaceable hammerhead inserts and 18 rakers.

Discharge System

Discharge system consists of a hydraulically driven, horizontal 48" x 17'9" aggregate belt conveyor discharging onto a 36" stacking conveyor with hydraulic fold for transport.

Options

Electric power
 Externally adjustable break-away torque limiter
 30-hammer Hammermill pattern
 12- or 16-knife chipper drum assembly
 Variety of grates sizes available
 Variety of conveyors available
 Thrower with extended discharge chute
 Magnetized end pulley with collecting slide tray for ferrous metal removal
 Automatic reversing fan system
 11 HP air compressor with lockable enclosure
 ESPAR heating system for cold-weather start
 Hydraulic rod puller
 Trailer to haul soft start panel



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 BUILDING EQUIPMENT THAT CREATES OPPORTUNITIES

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