RAWLINGS WOOD HOGS

Custom Wood Grinding Systems

The original rotary hog was invented and developed by Rawlings Manufacturing Inc. in 1977. Since then our family owned and operated company has designed, manufactured and marketed several product lines.

Rawlings Wood Hogs are available in stationary, portable and skid mounted systems. We offer individual equipment delivery from simple stand-alone vertical and horizontal hogs to custom wood waste recovery systems.

As a proven leader in size reduction equipment we're assisting our customers in utilizing renewable resources while reducing and recycling a wide variety of wood waste into marketable products.

Rawlings PXZ Vertical & HZX Horizontal Super Hi-Inertia Hogs are the most productive and efficient hogs available and have proven track records in some of the toughest applications that exist.

- Biomass Recovery
- Alternative Fuels
- Biomass and Co-Generation
- Sawmill
- Pulp ,Paper, and Pellet Plants
- Compost and Mulch Operations
- Recycling Facilities
- Waste To Energy Plants

Customer Testimonials

When the decision was made to upgrade our hog, we considered several options but had heard that the Rawlings hog had superior result when compared to other hogs once considered. The decision was easy as soon as we evaluated our options. Since the upgrade, we have realized many returns that we had hoped for, specifically, to keep the hog running a full shift without a problematic shut down. That factor alone has increased our uptime. Prior to the upgrade, the barker needed to run on lower pressures to reduce chances of plugging the hog. To summarize, the return on investment that we expected has been greatly increased and I would not hesitate to recommend to anyone to invest in a Rawlings Hog system.

Western Forest Products,
British Columbia

"Compare this to other hogs we have had were maintained at least weekly and you will see there is no comparison at all. This Rawlings machine is easier to work on, get into, and inspect than any other hog we have had. I would have to say that overall, this is a very fine machine. I have only found one drawback with this machine. You sometimes forget to check it out regularly because you never have any problems with it."

West Fraser, Huttig, Arkansas

Rawlings Manufacturing, Inc.
1780 Idaho St. Missoula, Montana 59801

A Proven Leader in Wood Reduction Equipment and Technology

RAWLINGS WOOD HOGS - WWW.WASTEWOODHOGS.COM

RocWear SOLUTIONS

Genuine Rawlings Wood Hogs
parts available at Rocwear Solutions, Inc.
1-866-RocWear (866-762-9327)

RAWLINGS WOOD HOGS

VRM SUPER XI HI-INERTIA™

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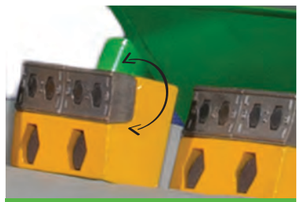
1

The Rawlings Patented Super Hi-Inertia rotor runs at lower RPM's than our competitor's machines and half the speed of conventional hammer mills resulting in overall savings of electricity and maintenance costs



2

Rocwear™ striker plates are easily rotatable and replaceable when worn and provide tremendous wear life with superior grinding performance. The Rocwear system consists of a striker base which gets bolted onto the rotor. When one side is worn, the bit is rotated doubling the life of each bit

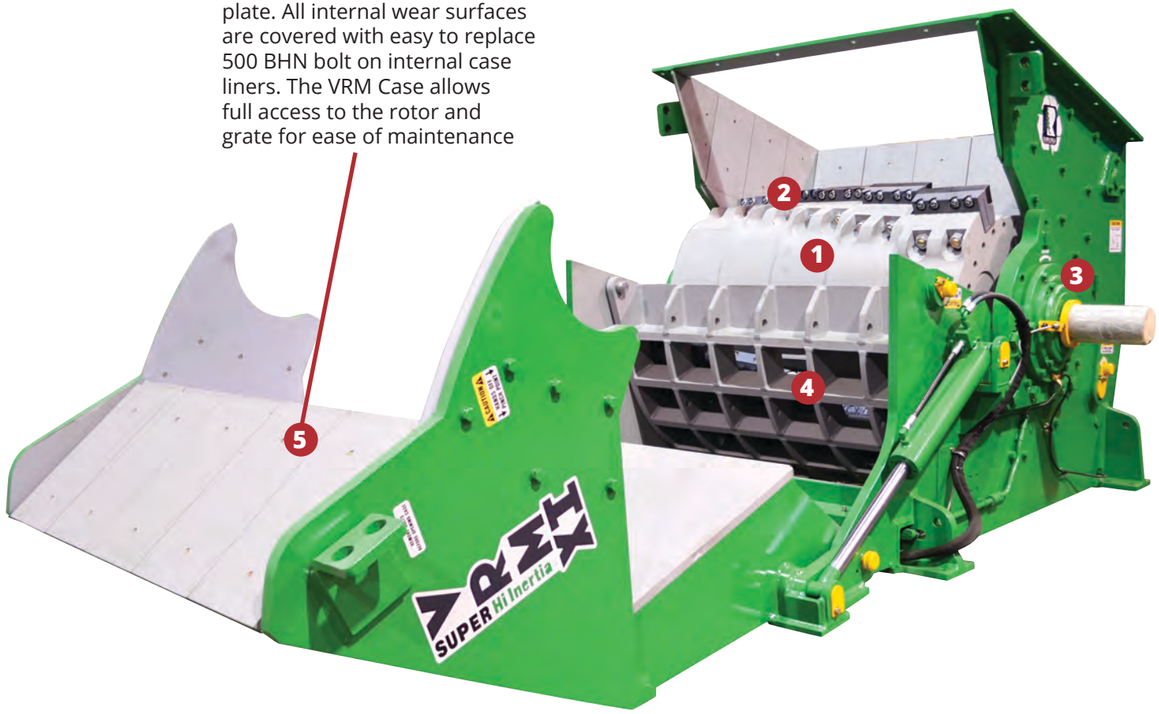
3

The bearing housing assembly is designed to be maintenance friendly allowing for simple removal and installation of hog bearings

4

Heavy duty reinforced grate assembly with rotatable grate assembly. The bolt in design makes changing out the grate much simpler and allows the grate liner to be rotated to maximize liner life. Optional grate patterns are available for different applications and end product requirements

The Rawlings Hog Case is fabricated utilizing 1 1/2" steel plate. All internal wear surfaces are covered with easy to replace 500 BHN bolt on internal case liners. The VRM Case allows full access to the rotor and grate for ease of maintenance



Why Choose Rawlings

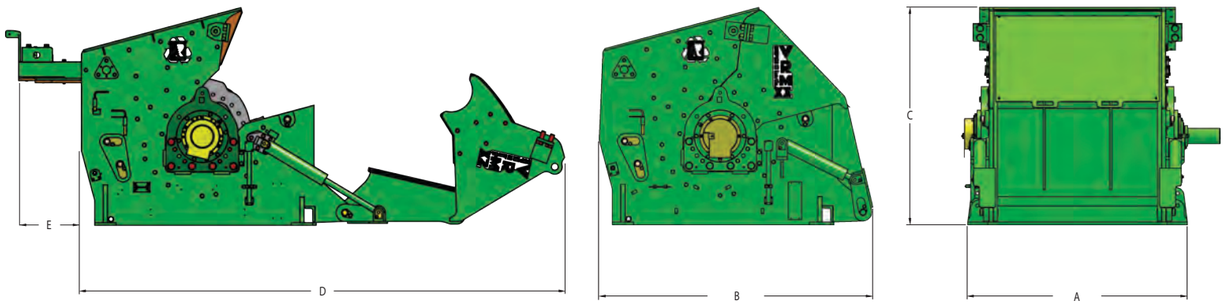
Developed from rock crusher technology, the tough Rawlings Wood Hog uses both shear and impact to reduce material.

- Can handle really tough to grind materials like stringy cedar, black spruce, lily pads and log ends
- Tolerant of rocks and metal without catastrophic damage to machine
- The highest crushing impact rotor in the industry supplying massive kinetic energy to power through the largest feeding surges

The Rawlings Hog is a simple but sophisticated design that incorporates low maintenance technology throughout:

- Upper case is opened hydraulically for quick and easy service access
- Simple design reduces parts inventory and is easy to maintain
- Tremendously strong structure and oversized components
- Easy replacement of all wear surfaces and components
- One third lower RPM than other types of hogs reduces both mechanical wear and fines generation

Our machines are designed to operate 24/7 365 days a year. Bottom-line productivity, pure and simple.



Hog Size	48 x 72	48 x 60	48 x 48
HP	500	500	500
RPM	565	565	565
Total Weight (lbs)	41,700	37,200	32,700
Rotor Weight (lbs)	18,600	15,600	12,600
Rotor Mass Moment of Inertia (lbm-ft^2)	29,400	24,500	19,600
Kinetic Energy (lb-ft)	2,247,335	1,872,781	1,498,225
Shaft Diameter	6.25	6.25	6.25
A	93.5	81.5	69.5
B	101.5	101.5	101.5
C	80.5	80.5	80.5
D	180.25	180.25	180.25
E	30	30	30