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

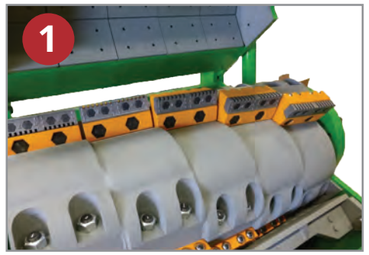
RocWear SOLUTIONS.

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

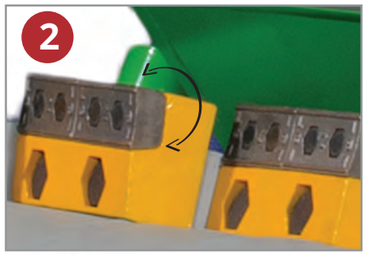
RAWLINGS WOOD HOGS

PXZ SUPER HI-INERTIA™

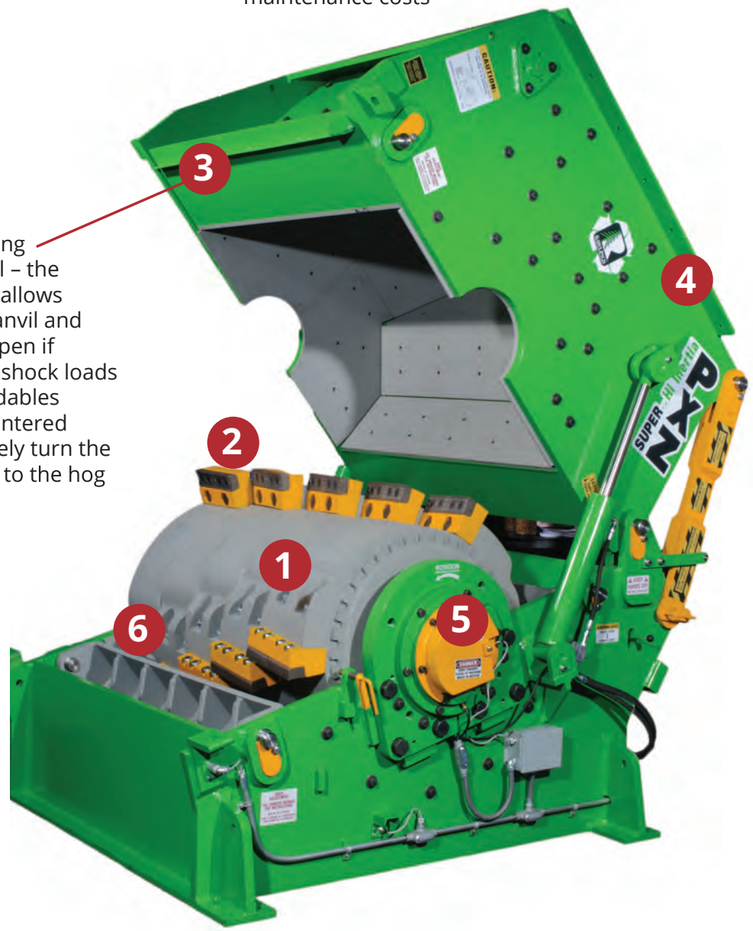
RAWLINGS WOOD HOGS - WWW.WASTEWOODHOGS.COM



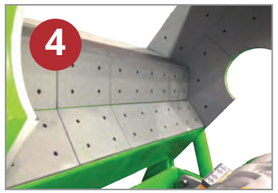
The Rawlings Patented Super Hi-Inertia rotor runs at lower RPM's than our competitor's machines and half the speed of conventional hammer mills resulting in overall savings of electricity and maintenance costs



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



Safety swing away anvil – the shear pin allows both the anvil and grate to open if excessive shock loads or ungrindables are encountered immediately turn the power off to the hog



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 PXZ Clam Shell Case allows full access to the rotor and grate for ease of maintenance

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

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

Why Choose Rawlings

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

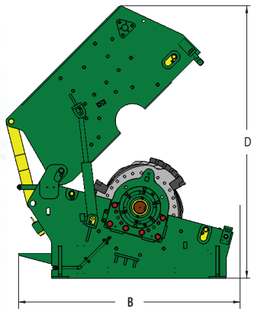
- Can handle really tough to grind materials like stringy cedar, black spruce, lily pads and log ends
- Tolerant of rocks and metal without catastrophic damage to machine
- The highest crushing impact rotor in the industry supplying massive kinetic energy to power through the largest feeding surges

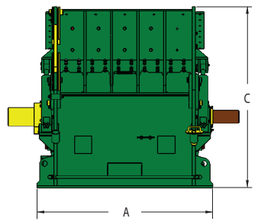
The Rawlings Hog is a simple but sophisticated design that incorporates low maintenance technology throughout:

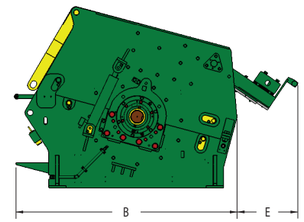
- Upper case is opened hydraulically for quick and easy service access
- Simple design reduces parts inventory and is easy to maintain
- Tremendously strong structure and oversized components
- Easy replacement of all wear surfaces and components
- One third lower RPM than other types of hogs reduces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

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

Rawlings PXZ Specs







Hog Size (Diameter X Width)	HP	RPM	Rotor Mass Moment Of Inertia (lb-ft^2)	Kinetic Energy (lb-ft)	Rotor Weight (lbs)	Total Weight (lbs)	Shaft Diameter	A (in)	B (in)	C (in)	D (in)	E (in)
60 x 60	900	480	34,300	2,621,895	27,000	63,000	10.5	82.5	132	105	88	28
48 x 72	500	565	29,400	2,247,335	18,600	38,500	6.25	94.5	103	83	84	28
48 x 60	500	565	24,500	1,872,781	15,600	34,000	6.25	82.5	103	83	84	28
48 x 48	500	565	19,600	1,498,225	12,600	29,500	6.25	70.5	103	83	84	28
48 x 36	500	565	19,100	1,123,669	11,500	25,000	6.25	58.5	103	83	84	26
36 x 60	250	750	6,500	909,950	11,200	26,00	6.25	82.5	88	65	66	26
36 X 48	200	750	7,600	727,960	7,800	22,500	6.25	70.5	88	65	66	26
36 X 36	200	750	5,700	545,970	6,900	19,600	6.25	58.5	88	65	66	26