



RAWLINGS WOOD HOGS

Custom Wood Waste Grinding Systems

The original rotary hog was invented and developed by Cliff Rawlings of Rawlings Manufacturing in 1977. Since then our family owned company has manufactured and marketed several series of product lines. With over 35 years of experience in the forest related industry, we have the knowledge to assist our customers in selecting the right equipment to meet their specifications. Rawlings Wood Hogs are available in stationary, portable and skid mounted systems; both vertical and horizontal models are available. Each wood recovery system is customer specific and Rawlings designs every wood waste system to meet our customers specifications. Our hogs come in all shapes and sizes, from simple stand-alone vertical hogs for saw and paper mills, to complete custom horizontal hog systems.



WOOD HOGS



Customer Testimonials



Recognized worldwide as the toughest and most productive wood hog ever built. The Super High Inertia PXZ Hog is designed to handle hard to grind materials including:

- Cedar
- Black Spruce
- Lily Pads
- Log Ends
- Log Yard Waste
- Demolition Debris

Our hogs are at home in demanding environments like Sawmills, Pulp, Paper & Pellet Plants, and Biomass Co-Generation Facilities.

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.



"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."

Western Forest Products-
Chemainus BC

-West Fraser Huttig Arkansas

Rawlings Manufacturing, Inc.

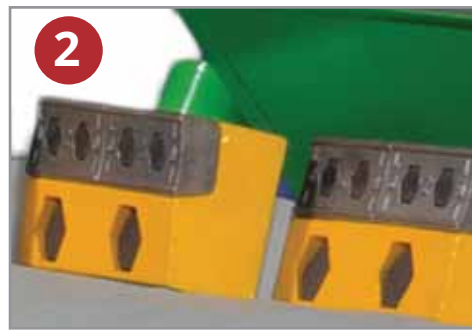
866-RocWear (866-762-9327) | P.O. Box 4485, Missoula, Montana 59806

Our sales office is located in "Big Sky Country" Missoula, Montana. We take pride in our equipment and look forward to working with you.

PXZ SUPER HI-INERTIA™



The Super Hi Inertia solid steel rotor turns at half the speed of conventional hammer mills saving maintenance costs and electricity consumption.



Bolt-on rotateable, Rocwear striker system. The patented Rocwear strikers provide the customer with two cutting edges per bit. Once one side is worn, the bit needs to be simply rotated thus doubling the life of each bit.

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 cedar, black spruce, lily pads and log ends
- Tolerant of rocks and metal without catastrophic damage to machine
- A massive and rigid three lobed rotor that supplies more than enough kinetic energy to power through the largest feeding surges

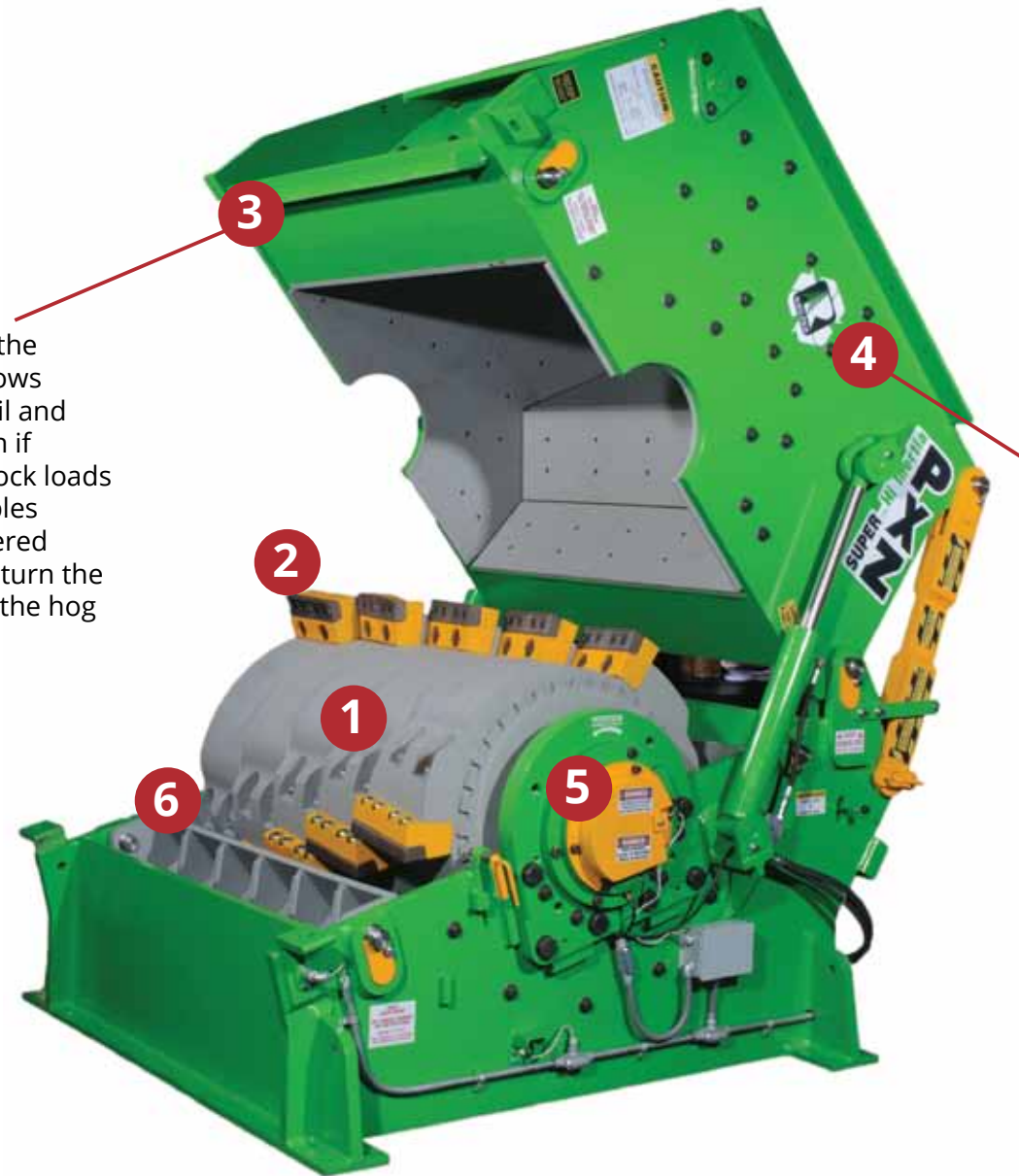


Our machines are designed to operate 24/7 365 days a year. Bottom-line productivity, pure and simple.

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

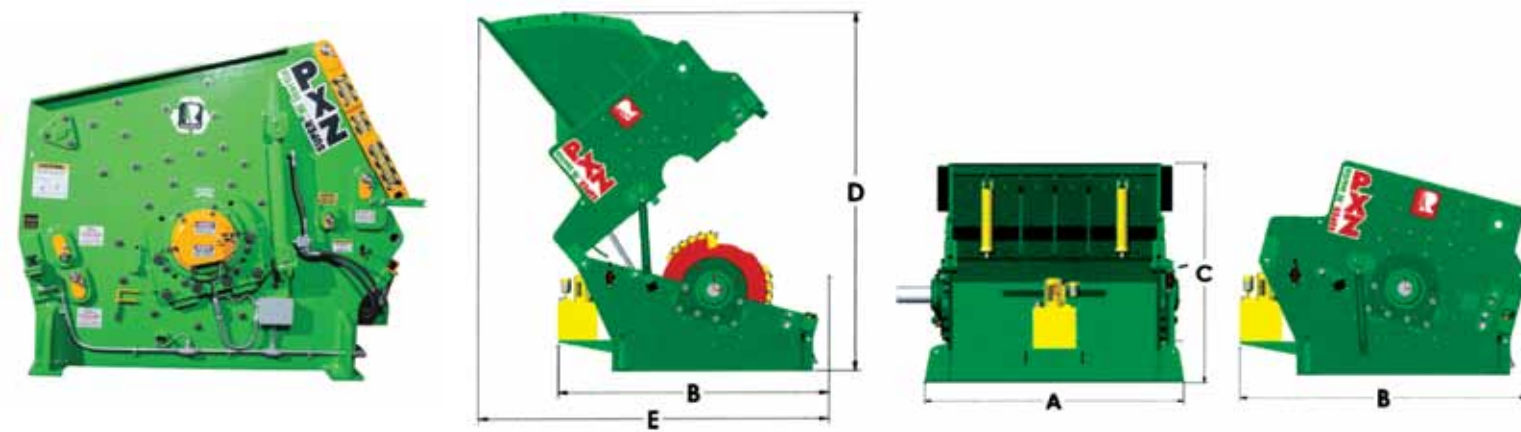
- Upper case is opened hydraulically for quick and easy service access
- Simple design reduces parts inventory and is easy to maintain
- Tremendously strong structure and oversized components
- Easy replacement of all wear surfaces and components
- One third lower RPM than other types of hogs reduces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

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



Hog case is fabricated using 1½" steel plate. All internal wear surfaces are covered with easy to replace bolt on internal case liners with clam shell opening to allow for safe and easy maintenance access.

Rawlings PXZ Specs



Hog Size (dia. X wid.)	HP	RPM	Rotor Mass Moment of Inertia (lb-ft ²)	Kinetic Energy (lb-ft)	Rotor Weight (lbs)	Total Weight (lbs)	Shaft Diameter (in)	A (in)	B (in)	C (in)	D (in)	E (in)
60 X 60	900	480	34300	2621895	27000	63000	10	82.5	132	105	185	187
48 X 72	500	670	29400	2247338	18600	38500	6	94.5	103	83	146	142
48 X 60	500	670	24500	1872781	15600	34000	6	82.5	103	83	146	142
48 X 48	500	670	19600	1498225	12600	29500	6	70.5	103	83	146	142
48 X 36	500	670	19100	1123669	11500	25000	6	58.5	103	83	146	142
36 X 60	250	750	9500	909950	11200	26000	6	82.5	88	65	114	125
36 X 48	200	750	7600	727960	7800	22500	6	70.5	88	65	114	125
36 X 36	200	750	5700	545970	6900	19000	6	58.5	88	65	114	125



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 rotateable grate liner. Optional grate patterns are available for different applications and end product requirements.