

Industrial Wood Products, LLC

High Speed Mills with Air Assist

The Safe and Low Cost way to Turn Your Wood Waste Into Profits

Quality Features

* **Doors:** Our heavy-duty 3/8" plate doors hinge left or right so they can be completely removed for greater accessibility - this is not an option, but a standard feature on every IWP High Speed Mill. Also all parts of the door lock hinges are secured to the doors or the mill, eliminating loose pieces that could create a safety hazard.

* **Internal Wear Plate:** The IWP High Speed Mill is designed to do all the grinding against replaceable wear plates. Never against the mill housing. Wear plates are available in different metals for better wearing characteristics and are constructed in two pieces with each half removable from the side door.

* **Screen Carriage:** The IWP High Speed Mill one-piece screen carriage is manufactured of round rod and flat mild steel. Minimal screen blanking takes place with the round rod, and the mild steel takes more shock than high carbon steel. The most positive seal available.

* **Screen Carriage Lock:** The extra heavy-duty carriage locks are one-piece in construction. They are spring loaded and shock absorbent and can be changed out quickly. These high quality springs are especially designed for their application.

* **Screens:** We use all staggered perforated screens with no special mounting angles, flanges or bands. These plain screens will cost you less.

* **Mill Housing:** The heavy one-piece plate housing decreases the noise level while the octagonal shape creates vortices designed to slow both air and product in the mill. This improves grinding performance and prolongs hammer and screen life. IWP mounts the rotor between the bearings. No overhung rotor. Still because of the IWP High Speed Mill superior design, the rotor can be removed from the side, without removing the upper mill housing and feeder system.

* **Vortex Cutter Bar:** The Vortex Cutter Bar slows the air and product forcing recirculation back into the hammer for more effective grinding and greater capacity on the upside screen.

* **Easy Maintenance:** IWP High Speed Mill can be completely rebuilt in less time than it takes to get any other hammermill apart. You'll never need a cutting torch to remove any part on the IWP High Speed Mill.

Superior Rotor Design

* **Reversible Rotor:** No need to get inside the IWP High Speed Mill to reverse the rotation of the rotor and hammers. All changes are made on the exterior of the mill and bi-directional Hammermilling is achieved with no directional gate.

* **Rotor Balance:** The IWP High Speed Mill rotors are balanced at their actual operating speed, not at 900 rpm or less. They are balanced in the mill with the bearings with which they are going to be operating. All bearings have a break in period.

* **Simplicity:** Simplicity has no substitute - it decreases your electrical requirements, man hours, and excessive parts requirements. If you really want to cut your operating costs try a IWP High Speed customer designed system.

Industrial Strength Efficiency

* **Braking System:** We have a manual disc brake design as well as electronic braking system for a "Fast Stop" of the in rotor.

* **Dual Motor Base:** You can reduce your electrical demand at startup with dual motor. Small motors are cheaper to stock and easier to find in emergency situations.

* **Customer Designed:** We have listened to our customers and their employees on the weak areas of hammer mills for many years before designing the dual-screen IWP High speed Hammermill. We have heard your suggestions on what you want and need, and sincerely believe we can increase your profits by helping to eliminate the difficult problem and excessive costs in hammermilling.



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