

**Peterson
Horizontal
Grinders**

**Get
More**



Peterson®
an Astec Industries Co.

Raise Your Grinding Expectations

When you're talking about the crucial elements of your operation – things like maximum production, quality end products and low operating costs – there's no sense in compromising.

Peterson brought the first practical, high-producing horizontal grinder to the

recycling market over a decade ago and has steadily improved on that rock-solid beginning.

Today, our rugged machines are designed for high-volume producers whose demanding end product specifications leave no room for machines that can't make the grade.

Add to this Peterson's first-rate product support to ensure a long, productive machine life and you have an unbeatable horizontal grinder.



Safety Matters

Our design reduces the inherent hazards of grinders.



High Production

You can count on a Peterson day in and day out.



Spiral Stump Splitter Option.

Works in tandem with your horizontal grinder to handle oversized material.

Horizontal Feed Design. Delivers better feeding and production for a wide variety of materials.

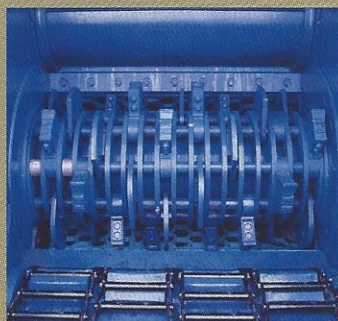
Top- or End-loading Feed Hopper. Sturdy, chamber is reinforced for heavy duty loading. The two position slide gate permits fines to be added or removed from the finished product.

The Peterson 3-stage sizing process results in more accurate and consistent finished products.

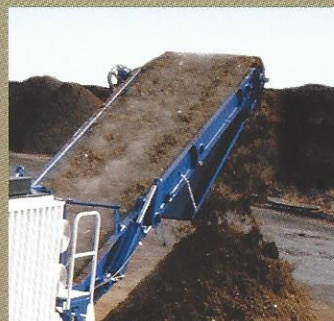


Easy Operation

Peterson's Adaptive Control System is intuitive and easy to use. The screen provides user-friendly operating and maintenance data.



Optimum rotor placement ensures positive feeding and reduces the potential of thrown material. Pinned or drum rotors are available.



Wide discharge conveyor with variable speeds and magnetic headroll allows effective metal separation and high capacity production.



Grate changes can be made quickly. Thanks to our patented multiple grate system, it's easy to produce a range of high-quality products.



Boost Your Profits

High-volume producers know that low operating costs are essential to profitability. Our engineers understand how to translate this into production. That's why superior reliability,

durability and serviceability are engineered into each machine. Combine that with our signature high-volume output and our rugged machines deliver impressive profits.

Contact Peterson to identify the grinder that meets your needs and lowers your operating costs. We'll put you in touch with an authorized dealer and arrange for a demonstration.

Low-Grade In High Profit Out

Don't limit your products, or your profitability. Optimize the value of your raw materials with the grinding system that produces the most consistent end products. Our grinders feature the unique Adaptive Control

System to control all components of the feed system. Peterson grinders also feature a large grate area and utilize easy-change tooling to help you maximize profits from your end products.



Mulch from forest by-products processed with a 1.5-inch grate.



Compost-ready material from green waste processed with a 3-inch grate.



Biofuel from scrap board processed with a 4-inch grate.

Feed Conveyor.

Flat chain conveyor fills hopper floor to efficiently feed the rotor. Hydraulic drive electronically coordinates with feed roller for near-continuous feeding and massive throughput.

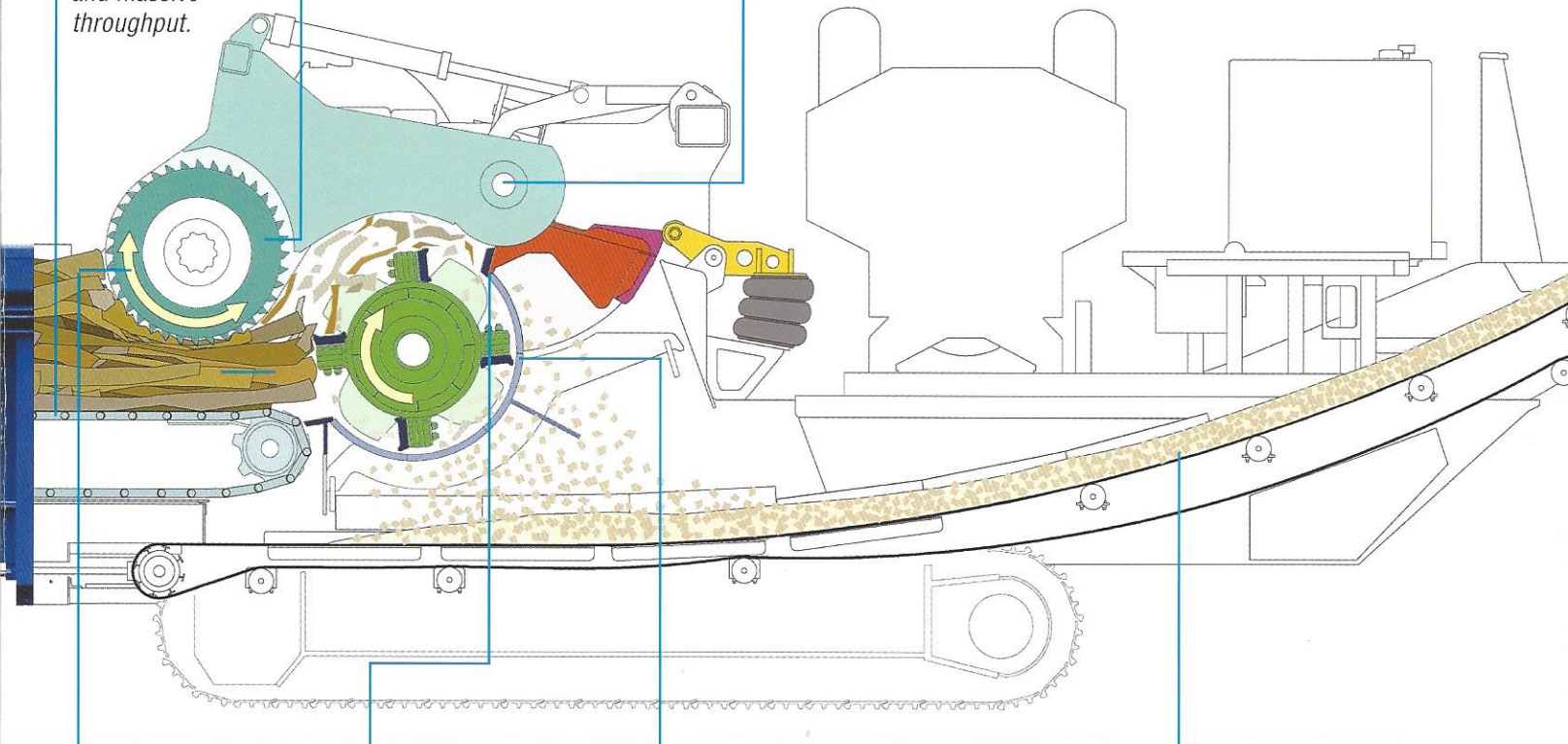
Adaptive Feed System.

Monitors grinding load and varies the speed of the feed system to keep the engine working at the top of its power curve.

Accelerates feed when the engine load is light, slows when the load is high and reverses feed when the parameter is exceeded.

Impact Cushion System.

Absorbs energy shocks and spikes to extend grinding system component life and help prevent catastrophic damage from severe impact.



1. Up-Cutting Rotor.

Draws material into the grinding chamber and minimizes bit wear. Provides the first stage in material size reduction.

2. Anvil.

Positioned for optimum sizing and production, the anvil provides the second stage in the sizing process.

3. Grate Area.

The last step in our 3-stage sizing process. Large grate area results in high production in a wide variety of materials and end products, minimizing the need for regrinding.

Reconfigurable Grates and Supports.

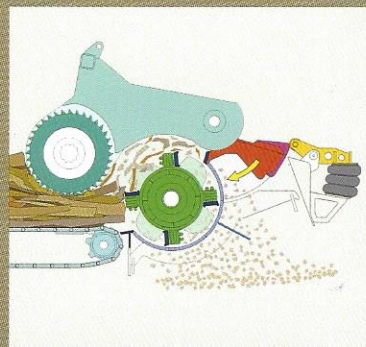
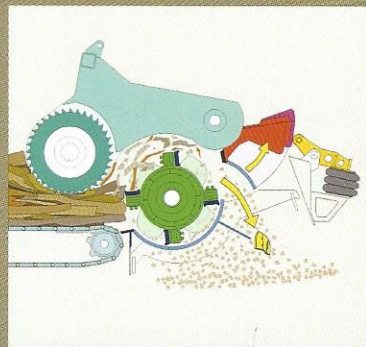
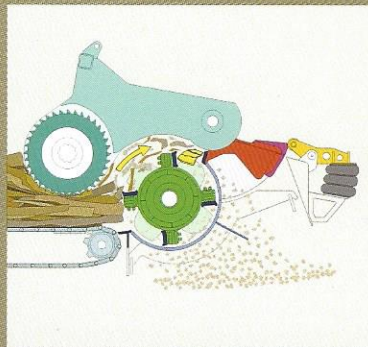
Grate openings, grate supports and baffles can be varied in order to meet a wide range of end product specifications.

Continuous Conveyor.

Reduces material spillage, which minimizes clean-up.

Impact Release System™

Peterson horizontal grinders incorporate a patented Impact Release System that minimizes damage to the grinding chamber from heavy metal objects. The Impact Release System opens the anvil and first grate section to eject most objects from the grinding chamber. This results in more uptime and less costly damage from heavy contamination in the feed material.





Count On Us

Each model is built to last. Peterson has been designing and manufacturing tough, dependable products for over 25 years.

However, when service and support are needed, Peterson and our dealers provide the best customer assistance in the business. We stand behind our equipment.

The information printed in this brochure reflects design, fabrication and features at the date of printing. Because of our approach to continuous innovation, Peterson reserves the right, at any time, to make changes to product design, material or features. Some features shown or mentioned in this brochure are optional and may not be available on all models.

Many Models, Custom Options, Endless Applications

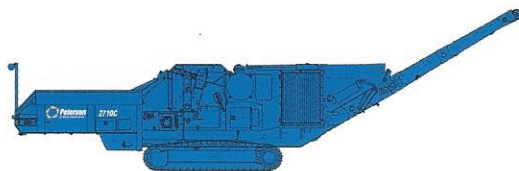
Peterson horizontal grinders are engineered for use with a wide variety of materials, from green waste to scrap wood and beyond. Most models are available with the option of electric power. We are pleased to work with you in matching your needs with the appropriate model.

You can select an array of options to customize your Peterson Horizontal Grinder so it meets your exact specifications.

- Choose a highly portable **wheeled model** to frequently move from site to site. Choose a **tracked model** to move the machine frequently at the operating site, or travel over rough ground. Both are **radio controlled** and carry your grinding system where it needs to be to improve operational efficiency.

- The **Spiral Stump Splitter** makes short work of grinding most stumps. It splits oversized material while the operator continues to load and grind. Virtually no size limit. Material splits at its weakest point. Splitter pivots easily for travel. No dedicated excavator is needed for stump splitting!
- If feed materials contain ferric metals, add a **magnetic cross-belt conveyor**, plus the **magnetic head pulley**, to separate metals from your finished product.

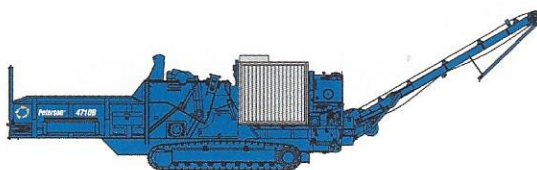
- Choose from a variety of tooling options for both **pinned or drum rotors**.
- For grinding asphalt shingles, choose the **asphalt shingle package**, including abrasion-resistant wear plates, bits made specifically for asphalt, extra spray bars, and a non-cleated discharge conveyor.
- **Water spray bar kits** for all models help suppress dust or increase the moisture content of compost material.



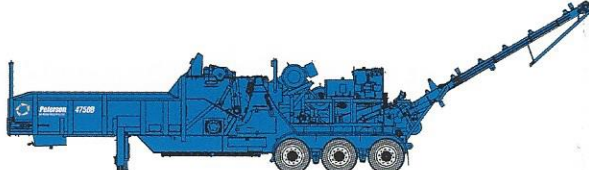
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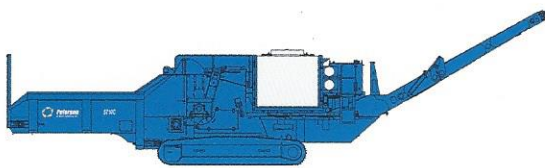
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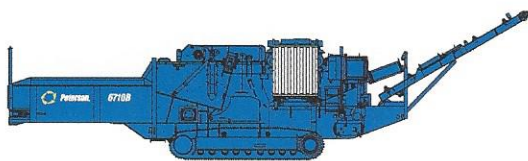
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