



### 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 machine that meets your needs and lowers your operating costs. We'll put you in touch with an authorized dealer and arrange for a demonstration.

### Maximize Fiber Yield

Particularly suited to processing pre-commercial thinnings and plantation trees, the Peterson 5000H excels at producing high-quality low-bark content chips for pulp or pellet manufacturing. Able to handle multiple stems simultaneously, the 5000H maximizes fiber yield from both large and small diameter trees.



## Optional Equipment

*Customize your equipment to suit your application*

Chipping operations vary widely, which means there is no "one size fits all" machine. Whether it's cold-weather equipment for work in the far north, a cab air conditioner for

work in the tropics, or a high-capacity bark pusher for dealing with eucalyptus bark, we are pleased to work with you in customizing your chipper to match your operational needs.

- Engine options: C27 @ 950hp (708kW) or 1050hp (783kW)  
C32 @ 950hp (708kW), 1125hp (839kW) or 1200hp (895kW)
- Heavy Duty Three or Four Pocket Chipper Disk, 66" (1676mm) dia.
- Babbit Knife or Disposable System
- Top or End Loading Hydraulic Swivel Chip Spouts
- High Rotation Long Spout
- Chipper Drive Sheave: 53" (1346mm), 60" (1524mm) or 65" (1651mm) dia.
- Large Capacity Bark Pusher, 10' wide x 24" high (3.05m x 609mm)
- Extended Frame, 28" (711mm) longer
- Canadian Travel Harness
- Export 5th Wheel Pin
- Cab Heater
- Cab Air Conditioner/Pressurizer
- Electric or Diesel Fired Cold Weather Kits
- Auxiliary Air Compressor
- Fire Suppression System, Manual/Automatic
- Lower and Upper Chain Curtain
- Two or Three Flails
- Optional Lower Flail Positions
- Black Urethane Flail Liners
- Five-spoke Wheels
- Night Operation Lights

## Peterson Whole Tree Chippers

*The best whole tree pulpwood processors available*



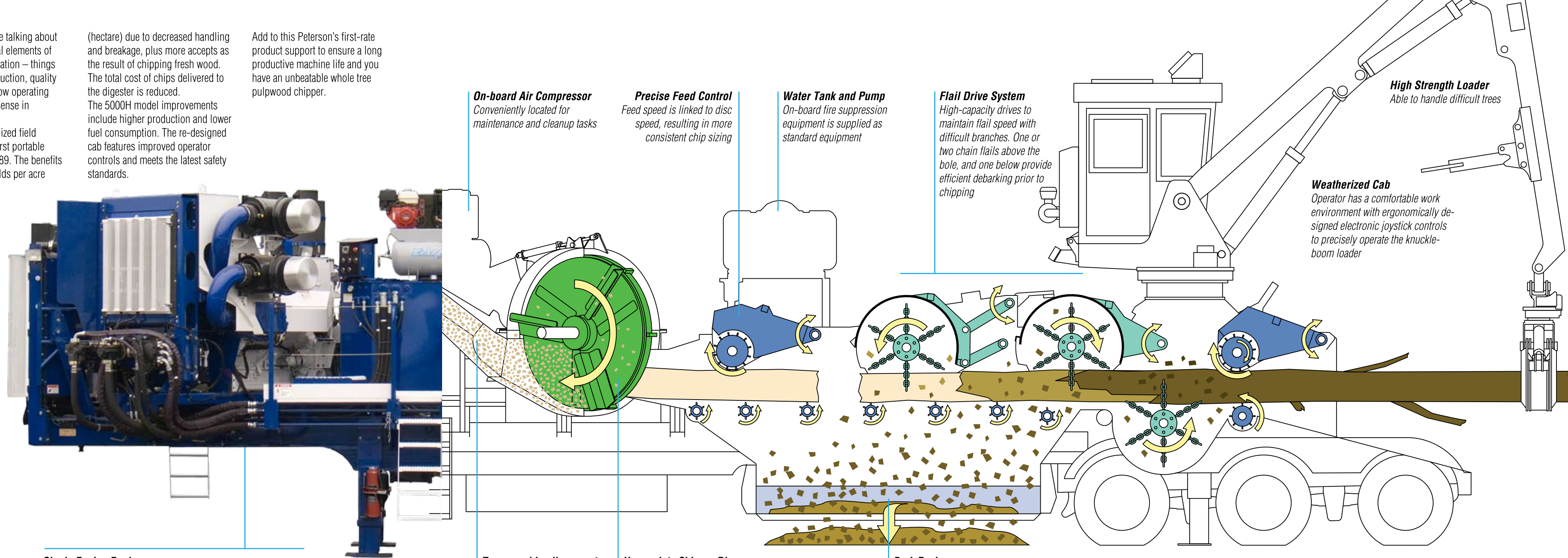
**Peterson**  
an Astec Industries Co.

# Peterson Whole Tree Chippers

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 revolutionized field chipping with the first portable 5000 chipper in 1989. The benefits includes higher yields per acre

(hectare) due to decreased handling and breakage, plus more accepts as the result of chipping fresh wood. The total cost of chips delivered to the digester is reduced. The 5000H model improvements include higher production and lower fuel consumption. The re-designed cab features improved operator controls and meets the latest safety standards.

Add to this Peterson's first-rate product support to ensure a long productive machine life and you have an unbeatable whole tree pulpwood chipper.



**On-board Air Compressor**  
Conveniently located for maintenance and cleanup tasks

**Precise Feed Control**  
Feed speed is linked to disc speed, resulting in more consistent chip sizing

**Water Tank and Pump**  
On-board fire suppression equipment is supplied as standard equipment

**Flail Drive System**  
High-capacity drives to maintain flail speed with difficult branches. One or two chain flails above the bole, and one below provide efficient debarking prior to chipping

**High Strength Loader**  
Able to handle difficult trees

**Weatherized Cab**  
Operator has a comfortable work environment with ergonomically designed electronic joystick controls to precisely operate the knuckle-boom loader

**Single Engine Design**

With just one engine to operate the entire machine, the 5000H produces more chips per gallon. Select from Caterpillar C27 or C32 engine options.

Highly efficient Tier II engines are more fuel efficient and cleaner burning. An electric drive is also an available option.

**Top or end loading spout**  
Options to suit your operation, loading over the side, or from the back of the trailer

**Heavy-duty Chipper Disc**  
66 inch (1676mm) diameter disc for high-quality chips. Disc is 4<sup>3</sup>/<sub>4</sub> inch (121mm) thick, and has a 1/2 inch (13mm) thick replaceable wear plate

**Bark Pusher**  
Efficiently removes waste material from the machine. Increased ground clearance and opening.



**Improved Operator Cab**  
More comfortable cab results in a more content operator. Meets latest standards for operator protection.



**Machine Controls**  
Intuitive and easy to use, provides information and control of machine functions



**High-quality Chips**  
High productivity, low bark content, lower operating cost



Knife options include disposable (shown) or traditional babbitted knives



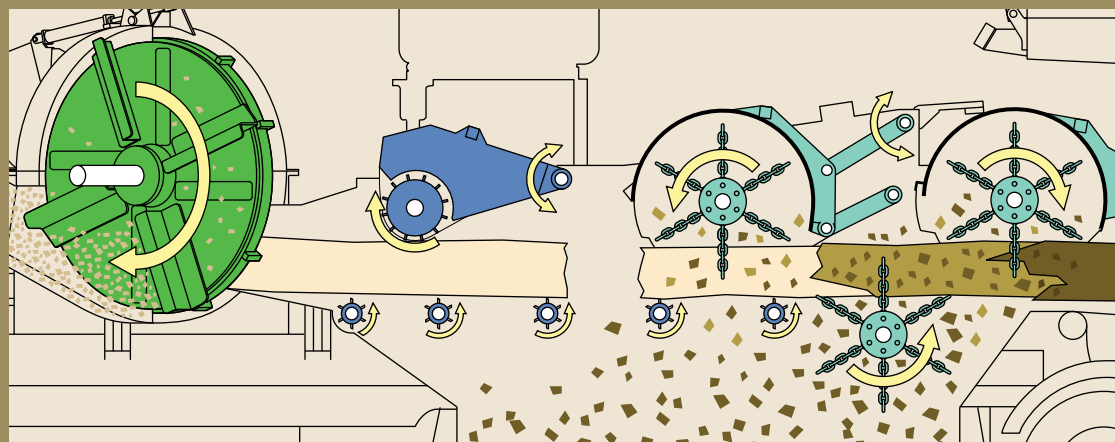
The bark pusher has been enlarged for better material flow



A hydraulic clutch offers long life and smooth engagement

**High-capacity options:**

Select a chipper disc with three knife pockets or an optional fourth pocket for even more production. The lower flail can be located above the bark pusher to minimize material bridging.



**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 the 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.