

# Automatic Firewood Processor

Making more firewood in less time was the main objective of Warren Aikins, Rainier, Ore., when he first designed his "Chomper" Firewood Processor several years ago. Since then, he has reworked and refined the machine to the point where he now produces several versions of it for sale through his company, Rainier Hydraulics.

The Chomper processes firewood from cut logs of any length. It uses a shear blade to slice logs into lengths from 12 to 20 in. long. All functions are hydraulic, including the winch that pulls logs into the processing chamber and shear.

Here's how it works: A winch pulls logs into the processing chamber. Once the log is loaded, a shear blade cuts 80 percent of the way through the log. Then the shear blade moves forward, pushing the log through a set of fixed splitting blades. Once the log is split, the shear blade completes the cut. As the split firewood falls forward, the shear blade raises up and moves back to begin the process again.

"What makes the design unique is the way the shear blade cuts only part way through the log and is then used as the mechanism for automatically feeding logs into the splitter," notes Aikins.

Prices range from \$14,500 for the pto



**A winch pulls log into chomper. Shear blade cuts 80% of the way through log and then drags log forward, pushing the end against a fixed set of splitting blades. Once the log is split, the shear completes its cut.**

model to \$45,500 for the largest self-powered Chomper. Belt conveyors to stack or load wood are available. Other options include trailer packages, fenders and lights, automatic engine shutdown system, and tachometer/hour meter for the engine.

Contact: FARM SHOW Followup, Warren Aikins, Rainier Hydraulics, Inc., P.O. Box 748, Rainier, Ore. 97048 (ph 800 457-9136; E-mail: sales@chomper.net; Web site: www.chomper.net).

**Reader Inquiry No. 146**

## ATV-Pulled Chisel Plow

"There's nothing else on the market like it," says Kunz about the company's new ATV-pulled chisel plow.

"It can dig up to 6 in. deep, even in hard ground. It's very aggressive," says Kunz.

The Till-Ease is a 43-in. wide chisel plow/field cultivator designed to be pulled behind any 4-WD ATV or other small towing vehicle. It has a row of 13 1/2-in. dia. coulters on front and five rigid shanks on back arranged in a V-shaped pattern.

The shanks slip into a receiver tube and can be quickly removed by simply removing a pin. The shanks can be equipped with either chisel points or 9-in. wide sweeps. An optional drag harrow for final seedbed preparation pins into receivers on back of the tool's frame.

The implement is raised and lowered by an electric-operated, linear screw actuator.

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**Reader Inquiry No. 147**

## AcrEase Mowers

"The AcrEase Mowers are available in both rough cut and finish cut styles. So whether you have a neglected pasture, narrow trail, or a yard like a golf course, the AcrEase can meet the challenge. They are also capable of being pulled directly behind or fully offset to the left or right," says Matt Kunz of Kunz Engineering.

The AcrEase Finish Cut models can be attached to the side of riding mowers, zero turn mowers and small tractors to add on additional cutting width and drastically

reduce mowing time. The AcrEase can also be pulled individually or in tandem behind ATVs and utility vehicles. The heavy duty, high capacity 40" and 60" models come with electric start engines ranging from 12.5-23hp. Both commercial and noncommercial grade engines are available. The AcrEase Finish Cut mowers are extremely maneuverable, easy to pull and stable on steep banks. They are also capable of mowing at today's standards in high speed mowing.



www.KunzEng.com ph 815 539-6954

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