



Big 7-ft. dia. reel mounts on an old pto-powered irrigation hose winder. It can wrap up miles of 3-strand fence wire at a time.



Once the reel is full, a loader tractor is used to lift the big spool of wire off.

Giant Reel Wraps Up Barbed Wire Fast

Loron Skretteberg and his son wanted a faster way to wind up old barbed wire fences on their ranch. So they came up with an inexpensive solution - a big 7-ft. dia. reel that can wrap up miles of 3-strand fence wire at a time.

"We had an old pto-operated, traveling gun irrigation hose winder that we weren't using any more. We dragged it out of the weeds and mounted the reel on top of it to hold the wire,"

says Skretteberg. "The reel is big enough that we can braid 3 wires together and wind up 2 or more miles of fence at a time."

They welded a series of homemade metal brackets onto one side of the reel, which set down over spokes on the hose winder and pin onto it. They also added an H-frame on back to guide the wires up onto the spool.

To operate, they put the tractor in neutral and engage the pto to rotate the spool. "We're

always trying to keep some tension on the wires so they wind tightly on the spool. But if the wire does loosen up it'll drop onto the H-frame's crossbar and stay the reel.

"Once the reel is full we remove the pins and use a loader tractor to lift the big spool of wire off," says Skretteberg.

"We had been using a pto-operated wire winder equipped with a small 1 1/2-ft. dia. reel. We were winding all that old wire one

strand at a time and couldn't go more than 300 yards without having to stop and change spools.

"The reel turns slowly so it isn't really dangerous, but just to be safe we plan to add a shield," notes Skretteberg.

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Mini Tree Saw Fits On ATV's

No hydraulics. No moving parts. That's why customers appreciate The Perfect Tree Saw, says Bill Dove, owner of Hav-Roc, LLP, the company his father Ralph Dove, started (first featured in FARM SHOW'S Vol. 3, Issue 5).

The latest "mini" model has opened up a new market of customers who want to use ATV's to clear land

"There are lots of 4-wheelers out there," Dove says. "And that's all you need for CRP ground."

Customers can quickly cut trees from the seat of their ATV. The V-shaped design has teeth that work like a big handsaw. By taking a 3-in. cut on one side, then another cut on the other side, the ATV-sized model can take down trees up to 6 in. in dia.

"It's not an impact machine. You don't have to use speed with this," Dove says. "And it cuts at ground level, so there's no stump."

The AR400 teeth can be sharpened with a grinder in about 45 min. Dove notes he has 250 hrs. on an HR-Mini Saw and it hasn't needed sharpening yet. (Models for skidsteers, tractors and dozers are larger and have hardened steel teeth and surfaces that last several hundred hours before needing to be rebuilt.)

After field-testing since 2009, the model for ATV's was introduced at the beginning of this year.

"One thing I'm finding out is that people with deer hunting leases are using it to keep shooting lanes open. And private landowners can easily maintain property," he says.

While many customers use The Perfect Tree Saw to cut invasive brush such as cedar, Dove says that it also cuts hardwoods.

Cost for the HR-Mini Saw, including mounting attachments, is \$1,395.



You can quickly cut trees with an ATV using Hav-Roc's new "mini" model. V-shaped design has teeth that work like a big handsaw.

Approximate shipping cost is \$250.

Check out FARM SHOW'S YouTube channel to see the saw in action.

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Simple Add-On Helps Reverse Combine Discharge Beater

"The discharge beater on Deere 50, 60 and 70 series STS combines can get wrapped with tough soybean stems, making it almost impossible to reverse," says Kent, Minn., farmer Jim Miranowski. "My friend Paul Dimmer and I made a simple hub that fits over the beater pulley so we can use the same tool that reverses the accelerator beater to reverse the discharge beater."

Miranowski and Dimmer made the hub in 2011 after plugging the discharge beater on their Deere 9770 3 times during soybean harvest. "The beans were dry, but the stems were tough and that made harvesting miserable," says Miranowski. "Those tough stems wrapped around the discharge beater and even with the chopper lowered we couldn't turn the beater pulley backwards."

The frustrated Minnesota soybean harvesters made a special notched hub out of flat steel that uses the same 6 holes as the pulley, but mounts with longer grade 10 bolts. With the hub in place, the same tool that Deere supplies to reverse the accelerator beater can be used on the discharge beater.

"When we used it to turn the discharge beater backwards, it sure was a lot easier to clean off," says Miranowski.

The inventors decided to patent their idea. With a provisional patent in place, they met with Deere, but the company wasn't interested in stocking their part. They contacted Lankota Mfg. of Huron, S. Dak., and eventually signed an agreement to have Lankota manufacture and market the product. The part has since received its full patent.

"The hub is a simple solution to a big problem," says Miranowski. "When it's mounted to the discharge beater pulley on the 50, 60 or 70 series machines, it doesn't affect the speed or balance of the beater, and it sure makes reversing the beater easy." Miranowski says Lankota has sold several of the hubs in the past few years and recently modified the design so it fits the new Deere 600 series combines. Lankota sells the hub for \$240, plus shipping and handling.

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Special hub fits over the pulley of combine's discharge beater, allowing you to use Deere's reversing tool to clean out a plugged beater.

Photo at left shows reversing tool mounted on hub.