



One Pass Fencemaker is a tracked vehicle with a post carrier in front and an automated fencing system attached to its side.

Amazing One-Pass Machine Puts Up 5-Strand Fence Fast

The automated One Pass Fencemaker from Greenedge Precision Fencing sets posts, drills holes for wires, and pulls wires through to the next post.

"I was managing a large ranch and we needed a lot of labor to put up fence," explains Lloyd Quantz, Greenedge Precision Fencing. "Our electric fences were good, but staples were either shorting out the wire or kinking it so it broke. Staples popping out was also a problem, and insulators were the weakest part of the system."

With more powerful fencers on the market, Quantz started putting wires through the posts, for both electric and non-electric fences. After doing it manually for a while, he began working on an automated system. The Fencemaker was the result - a tracked vehicle with a post carrier in the front and the automated fencing system attached to its side.

"It had to be a big enough tracked carrier to allow the fencing unit to move 18 in. laterally and 30 degrees in and out. ASV had a heavy-duty undercarriage that worked," says Quantz.

Unlike other systems, the Fencemaker neither drills holes for posts, nor does it drive posts into the ground. A unique vibration system does the job, setting 4 to 5-in. posts in less than 5 sec. or up to 10 sec. in rocky ground.

"We wanted to avoid the dangers of a driver. I have seen too many workers lose fingers and, in one case, a friend lost a hand," explains Quantz. "The Fencemaker has a cap that sets on top of the post to be set, putting 5,000 lbs. pressure on it. While this doesn't drive it in, it does shorten the wood fibers. This allows the vibrations to be transmitted to the tip of the post, and it moves into the ground."



Instead of drilling holes for posts or driving them into the ground, the machine uses vibration to set 4 to 5-in. posts in less than 10 seconds.

"Drilling blocks were also a challenge," says Quantz. "It took several years of work, but we now can drill 7 holes through a post in 3 to 5 sec."

The Fencemaker then guides the wires through and grabs them on the other side. As the carrier moves ahead to the next post, wires are drawn through the holes from a multi spool carrier at the beginning of the fence line. Quantz says the time to set a post, drill holes for wires and pull them through averages 2 min.

"We couldn't spend much time on any one part of the operation," says Quantz. "The spacing of posts determines how many miles you can fence in a day."

The Fencemaker can be set to do up to 7 strands of wire in different combinations and spacings to match different needs. It uses hardened tip drill bits. Quantz says one set of bits has lasted through 3,000 posts.

While under development, the Fencemaker has only been available by lease. Quantz is now looking for a company to license and manufacture it.

"We expect it to be priced in the \$60,000 to \$70,000 range," says Quantz.

Greenedge Fences has also developed proprietary steel ground anchors and spring-loaded braces that adjust to changing temperatures and loads. Other fencing aids include skid steer attachments for removing old wire and posts as well as for laying conduit under gate areas.

You can see a video of the One Pass Fencemaker in action at www.farmshow.com.

Contact: FARM SHOW Followup, Greenedge Precision Fencing, Inc., Box 4281, Olds, Alberta, Canada T4H 1P8 (ph 403 556-0994; www.greenedges.com).

Lugged Tires Keep Golf Cart Going Through Mud, Snow

Brett Hundertmark replaced the factory tires on his EZ-GO electric golf cart with 12-in. wide, 18-in. tall lugged ATV tires, improving the cart's traction on mud and up hills.

"The new tires are wider and taller and have deep lugs similar to the ones found on tractor tires," says Hundertmark. "It's unbelievable how well they go through mud."

"I came up with the idea after I fell last winter and broke my leg. I bought a golf cart to make it easier to get around my farm, but it easily got stuck in snow or mud and my girlfriend got tired of pushing me out. Even though the new wheels are a little wider than the original ones, I was able to use the same wheel rims."

"At first I tried installing the lugged wheels only on back, but that caused the cart's front end to slide around. With the same lugged wheels on front it's easier to steer and turn around in the mud."

Hundertmark also removed a front-mount bracket from his Dixon riding mower and mounted it on back of the golf cart to make a drawbar hitch. He welded a steel plate with 3 holes in it on top of the bracket, allowing him to install a ball hitch in the middle hole and a drawbar on either side.



Wider and taller lugged ATV tires improve golf cart's traction on mud and up hills.

"It lets me use the golf cart to pull empty hay racks and wagons instead of having to climb onto a tractor," he says. "The bracket was originally designed to mount a dethatcher on the mower."

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Stalk-chopping OptiCorn header from Hungary sells for 10 to 15 percent less than other comparable corn heads. It's being distributed in the U.S. by Sheyenne Tooling.

Hungarian Corn Header Coming To Market

A new stalk-chopping corn header from Hungary that sells for 10 to 15 percent less than other comparable corn heads was on display at the recent Big Iron farm show in Fargo, N. Dak.

The OptiCorn header is being distributed in the U.S. by Sheyenne Tooling & Mfg., Cooperstown, N. Dak. It's available in 8 and 12-row models on 30-in. spacing.

"We're in our third year of testing and the results look great," says territory sales rep Brandy Edland. "Compared to the Geringhoff corn header, it does a nicer job of shredding stalks and evenly distributing them, leaving your fields ready for no-till the

following spring. The blades are removable for sharpening or replacement."

Remote-controlled snapping plates allow the operator on-the-go adjustability from the cab when field conditions change. "You can close the plates for smaller stalks, and open them up for thicker stalks," says the company.

Each row unit is slip clutch protected, and there are sealed bearings on the snapping rolls to eliminate the need for daily maintenance.

Contact: FARM SHOW Followup, Sheyenne Tooling & Mfg., 701 Lenham Ave. SW, Cooperstown, N. Dak. 58425 (ph 701 797-2700 or 800 797-1883; www.sheyennemfg.com).



Header is available in 8 and 12-row models on 30-in. spacing.