



To convert a Massey 300 combine to a snowplow, Adophson cut off the ends and part of the platform, cutting it back to the shape of a plow blade.

Simple Combine Snowplow

Rick Adophson, Grantsburg, Wis., read in the last issue of FARM SHOW about a big combine snowplow built by a South Dakota farmer. He wanted to tell us about his approach, which is a bit simpler.

"I've got a 1/4 mile long driveway that often drifts closed with 3 to 4-ft. high snowdrifts. It takes several hours to clear it with my pickup or WD Allis tractor and the equipment takes a lot of abuse. I decided to try using an old combine to move the snow.

"A neighbor had an old Massey 300 that he wanted to get rid of. I left the grain head in place on the feederhouse but cut off the ends and part of the platform, cutting it back to the shape of a plow blade. I cut up the sickle bar bracing plates to fit the makeshift plow. The one plate makes a nice solid plow blade along the bottom edge and the curved plates work as skid plates to keep me from digging up my driveway.

"I removed the grain sieves and the rear part of the housing plus the unloading auger. I added a couple extra batteries for easier winter starting and added a backup light for night work.

"I upgraded the combine's Chrysler engine with electronic ignition and a spin-on oil filter from an older Dodge truck.

"All the parts I cut off the combine were



He removed the grain sieves and rear part of housing as well as the unloading auger, using sheet metal to close everything up.

thrown into the grain hopper, along with a few extra scraps, for added weight to boost traction.

"I ended up with an 8-ft., 1-in. blade that easily clears the driveway in less than 20 min. At some point in the future I may mount a snowblower on front instead of the blade but it works just fine as it is. I'm glad I made the conversion."

Contact: FARM SHOW Followup, Rick Adophson, 22062 Hegge Rd., Grantsburg, Wis. 54840.



Sickle bar bracing plates were cut up to make a solid curved plow blade.

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Attachment Lets ATV Drive Over Wire Fences

David Surprenant, Manteno, Ill., raises dairy cattle in a rotational grazing system and he got tired of constantly having to get off his ATV to get by fences. So he came up with a way to drive right over them at full speed.

"Our farm consists of 40 4-acre paddocks separated by a single high-tensile fence wire," says Surprenant. "We were tired of opening and closing gates whenever we wanted to move wires or check on animals, so I designed a 'fence runner' for our Polaris 500.

"It consists of a 1 1/2-in. wide flat bar, 1/4 in. thick. It runs from the back of the machine to the front, hanging down just below the bottom of the frame. At the front of the machine, the bar angles up at about 45 degrees, extending about 30 in. in front of the machine.

"It catches the wire ahead of the ATV and directs it down under the front tires. It springs back up after I pass by so I continue on my way without stopping. I travel as fast as 20 mph across the wires.

"The bar connects with only two bolts to the front and rear so removal will be quite easy when we trade machines. We have been using the idea successfully for about four years.

"We also designed a carrier for the step-in fence posts we use, and a wire carrier and toolbox that carries everything we need to repair fence.



Flat steel bar runs from back of ATV to front, where it angles up at 45 degrees, extending about 30 in. in front of machine.



Bar catches wire ahead of ATV and directs it down under front tires.

"Grazing dairy cattle is so much simpler than confinement dairying and this modification to our ATV makes it so much easier."

Contact: FARM SHOW Followup, David A. Surprenant, Law-Rae Manor Dairy Farm, 5898 E. 7000 N., Manteno, Ill. 60950 (ph 815 468-8828; E-mail: lawrae@daily-journal.com).



Blade on the "Timberline" tree shear can be rotated, allowing you to trim tree branches up to 15 ft. off the ground.



Rotating Tree Shear Cuts Two Ways

"You can cut trees off at ground level and then rotate the blade to trim tree branches up to 15 ft. off the ground. You can even cut trees laying on the ground into firewood," says Greg Gregory, Sidney Manufacturing, Sidney, Iowa.

To rotate the "Timberline" tree shear, the operator pulls a spring-loaded pin and manually rotates the balanced frame. The pin automatically snaps into the hole when alignment is correct.

A big advantage is that you can reach over fences and other obstacles to cut off branches and then cut them up into any length on the ground.

According to Gregory, the cycle time is rated at 4.5 seconds at 20 gpm to cut a 16-in. dia. tree.

Sells for \$3,800.

Contact: FARM SHOW Followup, Sidney



To rotate shear, operator pulls a spring-loaded pin and manually rotates the balanced frame. Pin automatically snaps into hole when alignment is correct.

Manufacturing, N. Hwy. 275, Sidney, Iowa 51652 ph 712 374-3366; E-mail: Info@GregoryGrappler.com; Website: www.gregorygrappler.com).

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