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## Combine To Snowblower: "It's Not That Hard To Do"

Converting a combine into a snowblower doesn't have to be an expensive, complicated job, says Richard Heyduk, Watertown, S. Dak., who mounted a FarmKing 8-ft. snowblower on a 1975 Deere 6600 combine.

"It works great, looks nice, and was simple to set up," says Heyduk. "I spent a total of about \$3,200 to build it, and that includes the \$1,500 I paid for the combine."

He bolted a gearbox equipped with a pto shaft onto the feederhouse. The gearbox is chain-driven off the lower feederhouse variable speed shaft. He made a 3-pt. hitch type bracket and mounted it on the feederhouse so the feederhouse lift cylinders are now used to raise or lower the snowblower. The combine's reel lift hydraulics are used to operate the snowblower spout.

"It's quite an attention getter, but it's also a very practical machine for blowing snow," says Heyduk, who made the conversion a

year ago. "I really enjoy sitting in the combine's nice, warm heated cab and also being able to look ahead instead of back while blowing snow. I'm up in the air where I can see real well. I didn't alter the snowblower at all, so it takes only a few minutes to remove it from the combine and hook it up to a tractor. My friend Val Jaspers manufactured the shafts and mounted the gearbox for me. The 3-pt. hitch on the feederhouse lets me drive into the snowblower and hook it up just like I would back into it with a tractor.

"The combine was in excellent shape when I bought it. The wheels on the combine were too wide and extended beyond the outside edges of the snowblower, so I replaced them with 18.4 by 26 wheels. The new wheels are only slightly wider than the snowblower, which isn't a problem at all."

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## "Pipeline Plow" Buries Pasture Water Lines

Howard Ganske, Cartwright, Manitoba, wanted a safe, reliable source of water for his cattle on pasture. So he built his own "pipeline plow" that lets him deliver well water from his farm yard to water troughs in pastures up to one mile away.

The two-wheeled machine is designed to lay 1 1/4-in. dia. poly pipe 6 to 18 in. under the ground. It's equipped with a pair of 7 1/2-ft. dia. pipe reels, and a specially designed boot on back that's just 2 1/2 in. wide. A hydraulic cylinder raises or lowers the boot. Ganske uses a 100 hp tractor to pull the rig.

"I'm amazed at how well it works and how much interest there is in it," says Ganske. "I came up with the idea and Tabe Welding of Killarney, Manitoba, did most of the work. Our local conservation district is promoting the idea and now a lot of other people in the area are using similar machines. I spent about \$6,000 on the plow. The pipe sells for 39 to 65 cents per foot, depending on how much you buy and who you buy it from. After I'm done laying pipe I run a tractor tire on top of the 2 1/2-in. wide trench to push the soil down over the pipe. The pipe is designed to be used only during the summer. In the fall, I unhook the float valve at the water trough and hook up an air compressor in our yard to blow water out of the pipe."



Two-wheeled machine is equipped with a specially designed boot on back that's just 2 1/2 in. wide.

According to Ganske, the reel can hold up to 8,300 ft. of pipe.

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The Macerator 6600 gently nicks stems and leaves, allowing much faster drydown while preserving valuable nutrients and color. Machine has a 66-in. wide pickup.

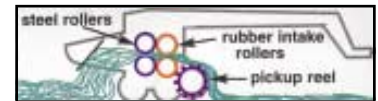
## Hay "Macerator" Now On The Market

For years, university researchers have been testing a concept called hay "maceration". Maceration gently nicks stems and leaves, allowing much faster drydown while preserving valuable nutrients and color. Now there's finally a machine on the market.

The Macerator 6600 has a 66-in. wide pickup. Behind the pickup is a pair of rubber intake rollers, followed by a pair of steel rollers. The distance between each set of rollers is controlled by air bags. The machine is equipped with an air tank and three control gauges. One shows tank pressure, and the other two monitor pressure on the two sets of rollers.

"It lets you get your hay crop off the field faster while maintaining better quality," says Irwin Kornelsen, AgLand Co., Arborg, Manitoba. "The concept was originally researched by the University of Wisconsin and by the Prairie Agricultural Machinery Institute (PAMI) in Canada. We bought the manufacturing rights from PAMI. We made four prototype models last year and they worked great. We plan to go into full production this winter. Future plans call for adding a 96-in. wide model."

According to Kornelsen, the machine is designed to be used three to four hours after you cut a crop. "It reduces normal drydown of a hay crop from five days to just one day. In good drying conditions, it can reduce hay moisture content to just 18 percent within 24 to 36 hours. The faster drydown helps preserve both nutrients and color. It makes the hay more palatable and increases digestibility which translates into increased energy, significant weight gains, and



Behind the pickup is a pair of rubber intake rollers, followed by two steel rollers.



Three different attachments that bolt onto back of machine are available. The one shown above makes the swath come straight down the back of the machine.

increased milk production."

Three different attachments that bolt onto the back of the machine are available. One is a spreader for heavy swaths that leaves a wider, thinner swath resulting in better aeration; the second is a chute that makes the swath come straight down the back of the machine; and the third is a merger that moves the swath over to one side.

Sells for \$21,000 (Canadian).

Contact: FARM SHOW Followup, AgLand, Box 112, Arborg, Manitoba, Canada R0C 0A0 (ph 888 933-4440 or 204 364-2211; fax 204 364-2472; E-mail: profab@ecn.mb.ca).



Machine is equipped with a pair of 7 1/2-ft. dia. pipe reels and is designed to lay 1 1/4-in. dia. poly pipe 6 to 18 in. under the ground.