

# Made It Myself

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## Hydraulic-Powered Seed Wagon

Paul Gebhart, Edinburg, Ill., doesn't need a tractor to pull this hydraulic-powered bulk seed wagon because the auger-unloaded wagon is equipped with its own hydraulic power unit.

The wagon's auger is driven by hydraulic motor. To operate it, Gebhart mounted a hydraulic pump - taken from the header on a Deere pull-type combine - on a platform at the rear of the wagon. It's powered by an 8-hp. gas engine, which he can easily remove for other uses when he's done planting. He made his own 9-

gal. oil oil reservoir.

The auger is controlled by a spring-loaded hydraulic valve that Gebhart operates with a rope. It comes on when he pulls on the rope and shuts down when he lets up. That makes it ideal for filling seed hoppers.

He uses the seed wagon primarily for wheat and soybeans.

Contact: FARM SHOW Followup, Paul Gebhart, Rt. 2, Box 252, Edinburg, Ill. 62531 (ph 217 325-3250).

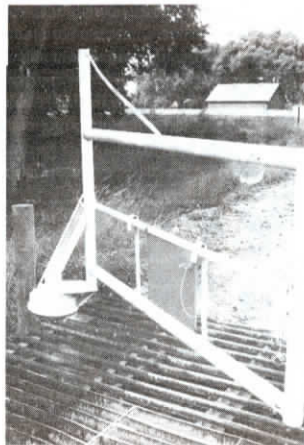
## Free-Wheeling Gate Swings On Truck Hub

Discarded truck hubs make nifty free-wheeling gate hinges, according to Ron Rehne at Wendling Quarries near Dewitt, Iowa.

The road into the company's main quarry, which is located in a cattle pasture, is guarded by a double gate made out of welded pipe. Each side of the gate mounts on a large truck hub anchored on the cattle guard that's positioned under the gate. The back side of the hub welds to the cattle guard and the axle stub on the hub is held in place against the frame of the guard.

Rehne says the gate swings easily without sagging.

Contact: FARM SHOW Followup, Wendling Quarries, Inc., P.O. Box 120, Dewitt, Iowa 52742 (ph 319 659-9181).



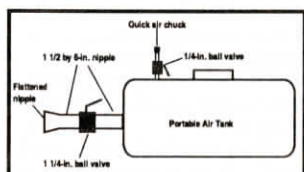
## Tubeless Tire "Bead Seater"

"This simple tubeless tire inflator makes it easy to get beads to seat," says Sam Lambert, Pontiac, Ill.

The idea is to fill a small portable air tank with air and then let it all into the tire at once through an oversize pipe and valve so the tire inflates almost instantly, forcing the bead tightly into place with a single "whoosh".

"We welded a 1 1/2-in. dia. threaded fitting into one end of the tank and then screwed in a 6-in. long, 1 1/2-in. dia. nipple with a 1 1/2-in. ball valve. The end of the nipple is flattened out so it'll fit between the rim and the tire bead.

"You hook up an air hose to the tank



and fill it to capacity, then slip the flattened end in between the rim and the bead and release all the pressure in the tank suddenly. The rush of air entering the tire all at once seats the bead."

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## Grain Handling Gadgets

Indiana farmer Fred Duling says the following ideas and equipment modifications help work go smoother on his place when it comes to handling grain:

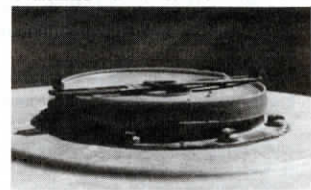
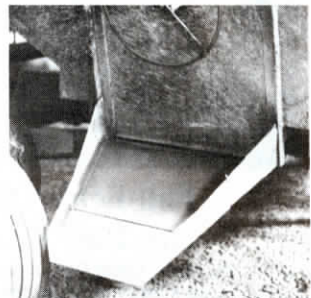
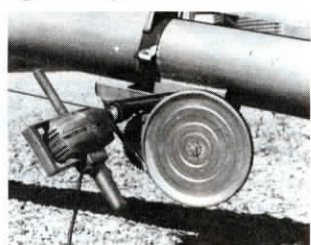
**Powered Auger Winch** - "I raise and lower my 8-in. by 62-ft. transport auger with a half-inch electric drill. I welded a 12-in. dia. pulley in place of the hand crank and then mounted a small pulley, bearing and 1/2-in. shaft next to the big pulley so I can chuck the drill onto the shaft to belt drive the bigger pulley. The 1/2-in. shaft runs from one side of the auger to the other so I can run it from either side (my drill isn't reversible) with ease. The auger can still be raised and lowered manually by attaching the crank to bolts on the 12-in. pulley."

**Grain Chute Extenders** - "These sheet metal grain chute extenders for grain wagons extend and narrow the chute to make it easier to position wagons at the unloader auger without spilling. I had them made at a local shop. They attach on the sides with two bolts."

**Small Hatch Cover On Bulk Bin** - "I install smaller, 10-in. dia. hatch covers on bulk bins to eliminate the need to raise the 42-in. dia. covers when filling bins. The smaller cover has the advantage of automatically lining up the auger tube for even filling. I cut a 10-in. hole in the center of the hatch and then bolted on a 10-in. dia. steel flange. I cut off the bottom of a 5-gal. oil pail to cover the opening, holding it in place with a piece of strap iron held down by two studs.

"I especially like the fact that during harvest, when I want the auger in place but it's not in use, you only have to raise the auger a few inches to put the cover on instead of having to raise it 2 ft. or more to get the big 42-in. cover open or closed."

**Angled Auger Outlet** - "I installed 45° 8-in. auger spouts on my 8-in. bin unloading augers. By turning the auger opening to the side this way, grain flows out smoothly and the auger hopper doesn't have to be as low as it would if it were under the unloader."



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## Do-It-Yourself Barrel Boat

Jan Wasberg, who farms in Finland, sent FARM SHOW this photo of his home-built barrel boat made out of four 55-gal. metal drums.

He cut a triangular-shaped piece out of the end of each drum and made a cut down the length of the barrel. Then he bent each barrel end and welded the four barrels together end to end. He welded pieces of barrel onto either end and attached boards for seats down the sides and across the middle.

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