The 3-pt. mounted hopper uses a 5-in. dia. drill fill auger at the bottom to deliver feed to Flaman's cattle. Hopper holds 40 bu. and mounts on feet made of 3-in. sq. tubing.

Slick Way To Feed Grain To Cattle

"I needed a faster, more convenient way to deliver chopped oats and grain to my cattle," says Dwight Flaman about the powered hopper he built that mounts on his tractor's 3-pt. He calls it "The Thing".

The Moosomin, Sask. farmer's 4-ft. long by 32-in. wide by 4-ft. high hopper was fashioned out of sheet steel. A 5 in. dia. drill fill auger, which Flaman cut down to 8 ft. long, mounts lengthwise underneath the hopper. A slot was cut in the top of the tube to let grain gravity feed into the auger, which is operated by the original orbit motor and hydraulics.

The hopper holds 40 bushels and mounts on feet made of 3-in. sq. tubing. Flaman simply picks the hopper up with 3-pt. mounted forks.

He controls the flow of grain with a hydraulic valve on his Deere tractor, typically augering out 1 1/4 gal. of grain per cow into 30-ft. troughs.

"It's a lot quicker and easier than hauling 5-gal. pails in the back of my pickup," says Flaman, who carries a 5 by 6-ft. round bale on front of the tractor at the same time.

Grain flow is hydraulically controlled from tractor cab.

He recently added a lid to the hopper to keep out rocks during transport and rain and snow when the weather's bad.

Out-of-pocket expense was less than $500 (Canadian).

Contact: FARM SHOW Followup, Dwight Flaman, Box 942, Moosomin, Sask., Canada S0G 3N0 (ph 306 435-3612).

Young used the top two sections of an old round hog feeder to cover bin opening.

Old Hog Feeder Protects Bin Opening

By Mick Lane

Don Young, a Garner, Iowa, machinist, is proud of the "headhouse" he built for his drying bin that covers the bin opening in case of rain.

It saves him having to move the auger and climb up the ladder every time it rains.

Young started with the top two sections of an old round hog feeder.

He cut an 18-in. wide opening in the feeder and hinged the two pieces he removed back separately to make Dutch doors. "The door opening needs to be just big enough to slide the auger in," Young notes. "I wanted the top piece to close separately, so we could shut it and leave it shut after we got the auger in place."

He centered the feeder sections above the bin fill opening using strap iron to bolt the unit to existing bolt holes. To make sure there was room for air movement inside, he left a gap of about 3 in. between the bin and bottom of the hog feeder.

To top off the headhouse, Young attached a bin cap that was one size too big for the bin. It's about 4 in. in dia. larger than the hog feeder to shed water and is raised slightly to allow air to escape freely when the dryer is running.

Contact: FARM SHOW Followup, Don Young, 1725 225th St., Garner, Iowa 50438 (ph 515 923-6073 or 3366).

Caddy handles four 2,000-lb. bulk bags. David and Paul Hartweg built the 16-ft. long caddy on an old Artsway 425 grinder chassis equipped with weigh bars.

FILLS 20-FT. DRILL IN 10 MINUTES

Home-Built Bulk Soybean Caddy

"After years of hauling 50-lb. seed bags in our pickup, we decided there had to be a better way," says David Hartweg, who, along with his brother, Paul, built a soybean caddy that'll handle four 2,000-lb. bulk bags. Fitted with a drill fill auger, it loads the Hartweg's 20-ft. Great Plains drill in 10 minutes flat.

The Carthage, Ill., farmers built the 16-ft. long by 5-ft. wide caddy on an old Artsway 425 grinder chassis equipped with weigh bars. They lengthened the hitch with 6-in. channel iron so they could pull it behind their pickup. They framed the chassis with angle iron and used four wire hog floor panels for the platform. Each panel is fitted with a slide gate to let beans drop into the unloading augers.

A 6-in. dia. bin auger was cut down to 6 ft. long. It mounts beneath the rear of the caddy to carry seed from the two rear bags to the auger hopper near the front. The front two bags gravity-feed into the hopper and load via a 6-in. dia., 14-ft. long drill fill auger mounted on the side of the caddy. It rotates 180 degrees to permit filling their drill from almost any direction.

The caddy rides on two 12.16 by 5-in. truck tires. Bags are loaded onto it with a forklift. Power is supplied by a hydraulic system on the 1975 Ford F-250 pickup the Hartwegs use to pull it.

"It works great," says David. "We don't strain our backs lifting seed bags anymore. Best of all, the project only cost about $1,500 in materials, a lot less than the cost of a commercial bulk seed handler."

Contact: FARM SHOW Followup, Paul and David Hartweg, 1191 N. Co. Rd. 1900, Carthage, Ill. 62321 (ph 217 357-6686 or 2285).

Ruppert attached an old lawn mower tire between auger downspout and a 4-in. dia. PVC pipe. Tire flexes enough to allow pipe to swivel up to 45 degrees in any direction.

Drill-Fill Auger Made With Old Lawn Mower Tire

Milton Ruppert made a drill-fill auger by attaching an old lawn mower tire between the auger downspout and a piece of 4-in. dia. PVC pipe. He uses the flex auger to fill his 16-ft. Deere 750 drill from one position.

The Hillsboro, Ill., farmer used a 10-in. tire off an old riding mower, removing the beads from both sides to enlarge the sidewall opening. He then welded 2-in. flanges to a couple short pieces of 4-in. dia. pipe. The pipes slip into either side of the tire with the flanges inside. One side welds to the auger downspout. The other side bolts to the 4-ft. long piece of PVC pipe used to direct seed into the drill.

The tire flexes enough to allow the pipe to swivel up to 45 degrees in any direction. Ruppert uses a length of ordinary gutter downspout to lengthen the extension so he can fill his entire drill from one position.

Contact: FARM SHOW Followup, Milton Ruppert, 14329 Illinois Route 185, Hillsboro, Ill. 62049 (ph 217 534-2502).