

Power feed box holds 35 to 40 bu. of feed and rides on rear-mounted bale forks. An auger driven by an orbit motor extends several feet out from side of box.

## Feed Box Makes Bunk Fill A Snap

Filling feed bunks from the seat of a tractor with a power feed box beats carrying buckets any day. Especially if you didn't spend a lot on the feed box.

"The beauty of it is that I only had to buy some 2 by 4's and a little plywood for around the base to provide structural support," says Blaine Schumacher. "It holds 35 to 40 bushels of feed and rides on my rear-mounted bale forks. All I have to do is raise the bale forks to adjust to bunk height."

The forks slide under the belly of the box, which stands about 8 in. off the ground. The only attachment needed is to hook up the hydraulic hoses.

Four 5 1/2-ft. 2 by 4's serve as legs and basic framework for the V-shaped, 4 by 6-ft. (top dimensions) box. Other 2 by 4's were used for cross members. The two 6-ft. sides were cut from a discarded truck box and extend about 6 in. past the support legs.

The plywood ends are 4 ft. wide at the top and narrow to 7 in. at the bottom. The base

of the feedbox itself is about 2 ft. off the ground.

"I set an old grain auger at the base of the V, with the auger inside the box exposed," explains Schumacher. "It extends several feet out from the end of the box so I can drive alongside the feed bunk. I put a rubber elbow on the end that I pulled off an air turbo system from a semi tractor."

He used an orbit motor from an old bin sweep to drive the auger. Its separate flow control allows him to adjust the speed of the auger. He shuts it down to zero on cold mornings while letting the hydraulic fluid circulate and warm as he is filling the feed box.

It worked so well he's building two more for friends this winter. "One of them doesn't have live hydraulics so we're going to use an electric hydraulic motor on his."

Contact: FARM SHOW Followup, Blaine Schumacher, 6900 93<sup>rd</sup> Ave. SW, Minot, N. Dak. 58701 (ph 701 722-3576).



Home-built, 2-wheeled cart is powered by a Montgomery Wards walk-behind rototiller.

## Yard Cart Made From Rototiller

Dave Wochinski, New London, Wis., rides in style around his yard on a home-built, 2-wheeled cart that's powered by an old Montgomery Wards walk-behind rototiller.

"I call it a 'road or tiller' because I can put wheels on to ride around or put the tines back on to use it as a rototiller," says Wochinski.

He unbolted the tines on either side, leaving the center tines intact. Then he bolted on a pair of 15-in. high wheels off a snowmobile trailer onto the plate, drilling holes in the wheel rims to center them on the rototiller mounting plate. A 5/8-in. dia. steel shaft, with stub ends welded onto each end, forms the axle. The stub ends fit into short lengths of pipe that are welded to the wheel rims. The wheels hold the rototiller's center tines 4 in. off the ground.

He used a piece of flat bar to raise the back end of the tiller 4 in. in order to keep the crankcase oil level on the rototiller's Briggs & Stratton engine. After welding a drawbar on back of the tiller, he made a cart that rides on a pair of wheelbarrow wheels. The cart is equipped with a metal seat off an old hay mower.

"My grandkids love driving it," says Wochinski. "At full speed it goes at a fast walk. The drawbar hitch pin forms an articulation point, so I can turn around on a dime. Whenever I turn, I put a little down pressure on the handlebars which causes the small wheels to lift up slightly," he notes.

Contact: FARM SHOW Followup, Dave Wochinski, W9322 Old 54, New London, Wis. 54961 (ph 920 982-3511).



Drum improves stability when Murphy uses tractor to move 5 by 6-ft. round bales.

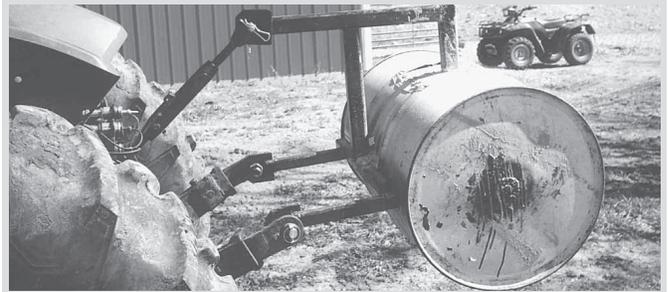
## 55-Gal. Drum Keeps Loader Tractor Stable

Patrick Murphy, Clarkson Valley, Mo., wanted more stability when moving 5 by 6-ft. round bales with his loader tractor. So he tach welded a 2-in. dia. steel tube lengthwise through the center of a 55-gal. drum, and then welded together a steel frame to support it. The frame pins onto the 3-pt. hitch on his Deere 5420 tractor.

"Our local concrete company filled the drum with concrete, which holds the steel frame in place. It weighs about 1,500 lbs.,"

says Murphy. "I feel a lot safer now, especially on hilly terrain or going over rocks and stumps. I already had most of the materials so my cost was almost nothing. It's a lot less expensive than buying weights, which can cost up to \$700."

Contact: FARM SHOW Followup, Patrick J. Murphy, 18501 State Road K, Box 610, Beulah, Mo. 65462 (ph 573 435-9990 or 314 692-1644).



A 55-gal. drum, filled with concrete and supported by a steel frame, pins onto tractor's 3-pt. hitch.



Wood hauler can be used to transport a single log up to 23 ft. long and 16 in. in diameter.

## Wood Hauler Handles Logs Up To 23 Ft. Long

Phil Fox, Tomahawk, Wis., recently sent FARM SHOW photos of a wood hauler that he builds and sells.

It looks like a 2-wheeled dolly hitched to an ATV. The hauler is made from steel tubing and is about 6 1/2 ft. long by 44 in. wide. It weighs about 200 lbs.

He says the hauler can carry up to 500 lbs. of cut wood or can be used to transport a single log up to 23 ft. long and 16 in. in diameter. The middle part of the unit is equipped with semi circular tubing to hold the front end of the log. There's a chain and hook on back.

Sells for \$350.

Contact: FARM SHOW Followup, Phil Fox, N11092 Lily Lake Rd., Tomahawk, Wis. 54487 (ph 715 453-7397).

Unit can also carry up to 500 lbs. of cut wood.



Hauler is made from steel tubing and is about 6 1/2 ft. long by 44 in. wide.

