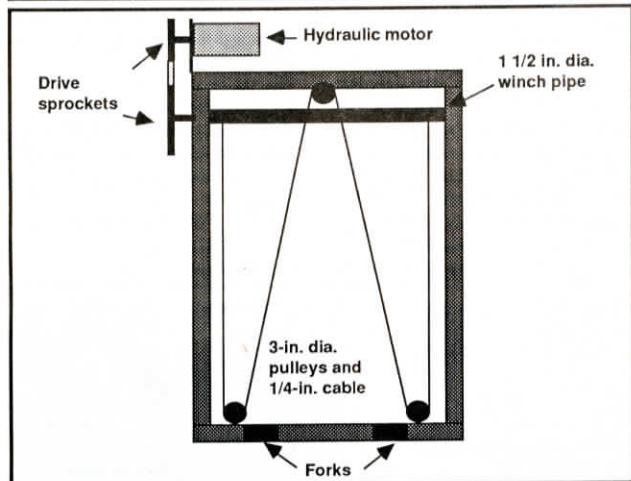


Made It Myself

(Continued from previous page)



Winch-Operated Forklift Bale Mover

If you've been looking for an inexpensive forklift-type bale handler for your tractor 3-pt., you'll be interested in this winch-operated bale mover that uses a cable-operated lift assembly.

Built by Tom Markley, Canton, Ill., it's been used for more than two years to load round bales onto trucks. "I wanted to keep weight on the rear of the tractor, rather than using a front-end loader, but most 3-pt. bale movers don't lift high enough to load a truck."

Markley built the rig from scratch, using 2 by 3 by 1/4-in. box beam for the forks as well as the uprights that the forks ride up and down on. Heavier 2 by 4-in. tubing was used for the second set of uprights, which are positioned directly behind the first set of uprights and attach directly to the 3-pt. Forks ride up and down on the 2 by 3-in. uprights via 3 steel rollers per fork, two mounted behind each upright and one in front of it.

A salvaged hydraulic motor mounts on top of the mast. It's fitted with a 10-tooth sprocket that chain-drives a 30-tooth sprocket connected to a 1 1/2 in. dia. steel



pipe running across the width of the forklift. The pipe winches up 1/4-in. dia. cable at both ends. Cable is threaded through three 3-in. dia. pulleys, two mounted on the forks and 1 on the mast above.

"Stringing the cable like this slows down the lift speed of the forks and boosts lifting capacity," says Markley.

Contact: FARM SHOW Followup, Tom Markley, Rt. 5, Canton, Ill. 61520 (ph 309 647-7587).

Paddle-Type Drill Fill

"I patterned it after an elevator on a combine," says Ken Leys, Elrose, Sask., about his truck-mounted paddle-type drill fill designed to minimize damage when handling seed.

The 6 by 10-in. elevator has a chain with plastic paddles, which Leys says are more efficient than rubber paddles. A horizontal auger running across the back of the truck feeds into the elevator. "It's a 5-in. auger inside a 6-in. tube to minimize damage to seed. Auger flighting slips out easily for clean-out," says Leys. Both auger and elevator are powered by a single orbit motor.

Fits any truck endgate. Allows you to keep the truck tarped. Has about the same capacity as a 5-in. drill fill auger. Leys custom-builds the elevator for \$1,100.

Contact: FARM SHOW Followup, Ken Leys, Box 211, Elrose, Sask. S0L 0Z0 Canada (ph 306 378-4090).

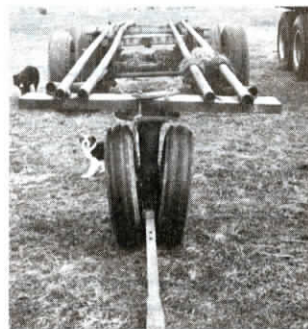


Bale Hauler-Feeder

Bill Kirby, Woodstown, N.J., built a tandem-axle bale hauler-feeder using the axle from a 1965 Fruehauf 40-ft. long double decker cattle trailer.

"The bale hauler-feeder was easy to build and cost less than \$100," says Kirby. He used the cattle trailer's tandem axle chassis and lengths of 3-in. dia. galvanized pipe to build the 18-ft. long, 4-ft. wide rig. The hauler-feeder, which holds seven round bales and feeds 40 cattle at a time, is supported by eight 10.00 by 20 tires and is equipped with a pair of narrow front wheels removed from an old Oliver tractor. A length of flat iron welded to the spindle between the front wheels serves as a tongue and hitch.

"It works much better than most commercial round bale feeders because it's so narrow that cattle can reach all the way across it. I never have to clean it off," says Kirby. "Some hay does drop between the pipes, but when I pull the trailer away cattle clean up whatever is left on the ground. It works great for feeding bales stored outside that have a lot of spoilage. If too much spoiled hay accumulates under the feeder, or if it gets too muddy, I can just move the feeder to another location. I had been feeding bales from a solid floor wagon, but cattle couldn't reach all the hay so I always had to throw some off by hand. I unload bales by pushing them off with a front-end loader or by hand. I use my pickup to pull the trailer and I can take

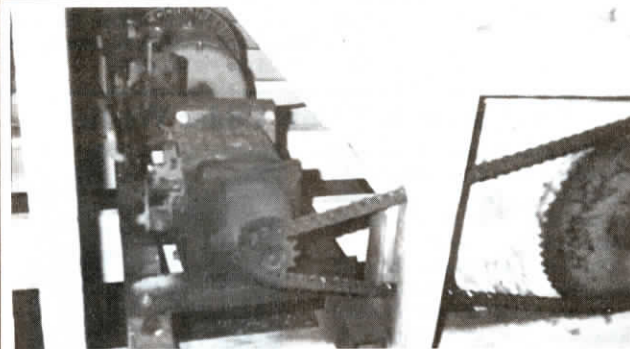


it anywhere. The tandem dual wheels pull through mud without sinking and the front wheels turn 360 degrees like a big castor wheel so I never get stuck."

Kirby welded four 18-ft. lengths of 3-in. pipe, salvaged from an old chicken house, to the top of the axle assembly and to a 4-ft. long, 6-in. wide piece of channel iron mounted on top of the spindle between the front wheels. Two other pipes run diagonally from the front of the crossbar back to the axles. The front wheels swivel 360 degrees.

Kirby used the 12-ft. high sides of the Fruehauf trailer as walls for two cattle sheds, and he used both of the trailer's aluminum floors to build new floors on a pair of old New Holland wagons.

Contact: FARM SHOW Followup, Bill Kirby, RR 1, Box 638, Woodstown, N.J. 08098 (ph 609 769-0792).



Transmission Controls Unloading Auger

"It lets me vary auger speed according to conditions and reverse the auger so I can unplug it," says Mark Severson, Minot, N. Dak., who coupled a 5 hp electric motor to a junked 3-speed pickup transmission to power a holding bin unloading auger.

Severson mounted the electric motor and transmission, which was salvaged from a 1956 Ford 1/2-ton, at the bottom of a 2,000-bu. V-bottom hopper. The transmission chain-drives a 28-ft. long, 8-in. dia. auger. The auger unloads grain into an auger leading to a dryer.

"The transmission makes it easy to

handle virtually any type of grain whether it's wet or dry, fine or coarse," says Severson. "I had been direct-driving the auger with the electric motor but I needed a better way to control the flow of grain. Sometimes the dryer couldn't keep up with the auger, and if the auger plugged up I had no way to reverse it. Now I just use the transmission shift lever to speed up or slow down. An electric shutoff switch mounted on the dryer turns the electric motor on and off."

Contact: FARM SHOW Followup, Mark Severson, Rt. 3, Box 204, Minot, N. Dak. 58701 (ph 701 839-2779).