

URNS CLIMBING INTO A JOY RIDE

"Man Mover" For Harvestore Silo

Easiest climbing upright silo we've ever seen is the 90 ft. tall Harvestore, owned by brothers Roger and Howard Schnell, of Franklin Grove, Ill.

It's equipped with a Schnell-designed and built "man mover" that turns climbing the 90 ft. structure into an effortless, 15 second joy ride.

"We load and unload our Harvestore year-around, which adds up to a lot of trips to the top to open and shut the filler door. Hardly a month goes by that we don't make at least one or two trips up and down in the lift. We've used it for 13 years without any mechanical, safety or other problems," says Roger who feels most Harvestores equipped with a conventional ladder would be good candidates for a similar home-built "man mover."

The carriage, which moves up and down inside the Harvestore-built ladder, is equipped with welded-on steel sleeves which guide on vertical pipes (1-1/2 in. dia.) — one on each side — anchored in concrete. The pipe sections were coupled together using "a pipe inside the pipe" connection at each joint (rather than coupling them together with conventional threaded pipe couplings) to provide a smooth, unobstructed surface for the carriage's sleeves to freely slide on. The original ladder bolts were removed and new bolts welded to the vertical support pipes to tie them, and the ladder, to the silo wall.

A cast iron counter-weight weighs right at 300 lbs. It guides up and down on a square track made of 2 in. square steel tubing used for making shelves in large warehouses. Strong aircraft steel cable (5/16 in. dia.) runs between the carriage and the cast iron counter-weight. A 16 in. dia. wheel, salvaged from a hay conditioner and equipped with Timken bearings, serves as a pivot point for the cable at the top of the silo.

Roger's weight (right at 225 lbs.) plus weight of the carriage (75 lbs.) adds up to enough weight to offset weight of the concrete counter-weight. If a person lighter than 225 lbs. uses the lift, lead weights (50 lbs each) are placed on the floor of the carriage as needed.

The Schnell's equipped their "Man Mover" with a foot brake which can be used to stop or slow its descent. Total out-of-pocket cost for the lift was right at \$250.

Contact: Schnell Brothers, 1243 Rock Road, Franklin Grove, Ill. 61031 (ph 815 857-3584, or 3609).



Note counter-weight (top) which offsets Roger Schnell's weight, plus the weight of the carriage.



The cleaner is made up of five 6-in. dia. perforated screen cylinders, each 6 ft. long and placed side by side.

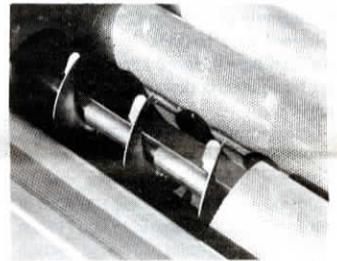
COMBINES CENTRIFUGAL FORCE WITH GRAVITY FOR HIGH CAPACITY

New-Style Grain Cleaner

"This first-of-its kind design combines centrifugal force with gravity for higher capacity and lower cost," says Triangle Industries, Cooperstown, N. Dak., of its new Kwik Klean grain cleaner.

It's made up of five 6 in. dia. perforated screen cylinders each 6 ft. long and placed side by side. Each cylinder has a 5 in. dia. auger inside. "Gravity and centrifugal force combine to clean grain around the entire circumference of each cylinder," explains Bob Norwood, sales manager. "We've designed it so farmers can empty trucks directly into its low profile, collapsible, spring-loaded input hopper at harvest time. It requires only 8 in. of clearance when dumping and reduces dockage down to 1 or 2% at the rate of up to 2,400 bu./hr."

Grain evenly distributes into each of the five cylinders as it moves out of the 4 ft. wide hopper. Pulling one pin allows you to remove the hitch and back the cleaner up to bins for cleaning stored grain.



Each perforated screen cylinder has a 5-in. dia. auger inside.

Sells for \$3,950 and is available with a standard electric 5 hp 220V motor, or optional hydraulic drive. Four screen sizes available for corn, soybeans, small grains and sunflowers.

For more information, contact: FARM SHOW Followup, Triangle Industries, c/o Norwood Sales, PO Box 417, Cooperstown, N. Dak. 58425 (ph 701 797-3684).



"You can leave them on all the time, muddy fields or not," says the manufacturer.

Bolt-On Combine Duals

If your combine's equipped with a 6 row or wider header, you'll be interested in new bolt-on duals from Unverferth Mfg., Kalida, Ohio.

Designed for both conventional or ridge till, they're available for most makes of combines with 10 bolt hubs. "A choice of 5, 10, 13 or 15 in. dual extensions, and dual wheels in any size, assures that there's a package to fit most any farmer's operation," says Dan Fanger, sales manager.

"Most farmers leave them on all the time — muddy field conditions or not," notes Fanger. "Duals spread combine weight over more area so you get less soil compaction. In soybeans, they keep the header

more level for a more efficient harvest. We recommend using the same size tires on both the inside and outside duals. In no case should the outside dual's loaded radius exceed that of the inside dual. If you're not into ridge till, there's no reason to run the row between the duals. All you need is a minimum of 4.5 in. of spacing between the duals — just enough to throw mud clear."

Prices start at \$1,200 for dual wheels and hubs (not including tires).

For more information, contact: FARM SHOW Followup, Unverferth Mfg., PO Box 357, Kalida, Ohio 45853 (ph 1-800 322-6301; in Canada, call 419 532-3121).