



First 3/5th's of grain gravity feeds into slide opening in top of horizontal tube. Long auger sweeps bin clean, moving grain into vertical auger in center.

TRAVELS FULL 360° TO SWEEP BINS CLEAN

"Plug Proof" Unloading System For Grain Bins

Three exclusive features set the new "Center Unload System" for grain bins apart from all other bin unloaders, according to Boyd Schiltz, Wessington, S. Dak., inventor-manufacturer.

1. "It's virtually 'plug proof'. If a chunk of wet or moldy grain should happen to plug the top side gravity feed opening, sweep augers can be activated to feed grain in from the bottom side.

2. "It's the only system for existing bins that truly cleans 360°, leaving only an inch or less of grain to sweep up by hand.

3. "You don't have to bust up concrete to install the system in existing bins. Just drive a pivot pin into the center of the floor. On bins with center sumps, the system affixes right to the existing pin.

The first 3/5th's of grain in the bin gravity feeds into the horizontal tube's top-side slide opening. It's augered out by a combination powerhead/auger that slips into the tube from outside the bin.

To remove the last 2/5th's of grain that won't gravity feed into the unloader, you pull a pin and slide the powerhead/auger assembly fully forward, moving it about 1.5 in. This engages a jaw-type clutch which



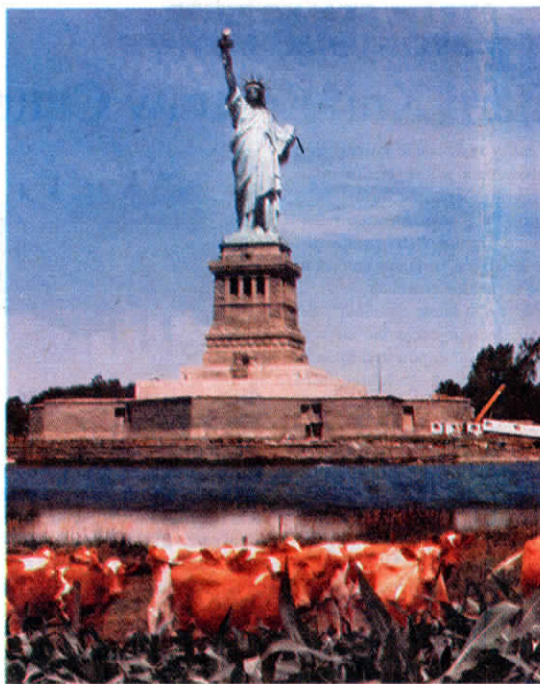
Stub auger takes over after grain has gravity flowed into horizontal tube. It clears way (without shoveling) for installation of long sweep auger shown above.

drives a mini "stub" sweep auger and the short vertical auger it feeds into. When the short stub auger has taken the grain down to the floor, you then go inside the bin to remove and replace it with a long sweep auger that cleans the full radius of the bin. It will eat its way through the grain down to the floor, then make a full 360° circle to clean out the bin except for a layer about 1 in. deep which is easily broomed into the sweep auger, says Schiltz.

If a chunk of wet or moldy grain should plug the "top side" gravity opening in the horizontal tube, the sweep augers (first the



Powerhead/auger and long bin sweep (shown in top photo) can easily be moved from bin to bin.



Tribute To Greatness

FARM SHOW salutes Dieter Krieg, editor-publisher of Farmshine magazine, for his creative tribute to "Liberty and Agriculture—The Strength Of The Nation."

As everyone knows, there are neither corn fields nor cows that close to the Statue of Liberty. For that matter, there isn't even an island within such close proximity. What's really there is a shipping channel. But that, Dieter decided, wouldn't have been nearly as dramatic as a photo showing cows and a corn field in the foreground, and the Statue of Liberty in the background.

"We sincerely believe the picture has a message—which is why we presented it the way we did," explains Dieter. He acknowledges the gracious cooperation of a New York family who took him on a motorboat ride around the statue for a close-up photo, and the Lindes of Southern Lancaster County, Penn., who supplied the corn field and the Guernsey heifers.

Dieter is toying with the idea of offering 4-color posters depicting the Statue of Liberty with several different dairy breeds. For Holstein enthusiasts, for example, the poster would merge Holsteins and the Statue of Liberty.

If you'd be interested in purchasing such a poster for \$5 or \$10, let Dieter know. Tell him which breed you'd like depicted on the poster. If there's sufficient interest, he'll then go ahead with the project.

Contact: FARM SHOW Followup, Dieter Krieg, Editor-Publisher, Farmshine Magazine, 49 N Broad St., Lititz, Penn. 17543 (ph 717 626-6455).

short stub auger and then the long one) can be activated to finish the job by feeding grain in from the bottom, completely bypassing the obstructed top-side opening.

The entire system is run by a single hydraulic motor, driven from tractor or truck hydraulics. Positioning of the output auger is high enough off the ground to accommodate a mixer grinder, or a hopper, Schiltz points out.

Suppose you want to equip three bins, each 18 ft. in dia., with the new unloading system. You'd need one inside unit (a horizontal tube with built in vertical auger and a short stub sweep auger) for each bin,

at a cost of \$974 per bin. Because they move from bin to bin, you only need one powerhead/auger (\$450) and one long sweep auger (\$228). Total cost to equip the three bins would be right at \$3,600, an average of \$1,200 per bin. Sizes available to fit bins from 14 to 30 ft. in dia. Similarly equipping three 14 ft. dia. bins would average \$1,073 per bin. For three 30 ft. bins, average cost would be right at \$1,679.

For more information, contact: FARM SHOW Followup, Schiltz Distributing Inc., Rt. 2, Box 88, Wessington, S. Dak. 57381 (ph 605 458-2220, or 2622).

Order Form For New Subscribers

Yes! I want to be first to learn about latest new products. Please send me one full year's subscription (\$11.95 per year in the United States; \$14.95 per year in Canada-payable in Canadian dollars-and foreign countries). I understand I can cancel at any time and receive a full refund if not satisfied.

My check (\$ _____) is enclosed.

Name _____ (PLEASE PRINT)

Address _____

City _____ State _____ Zip _____

Make check payable to FARM SHOW. Clip and mail this coupon to: FARM SHOW, 20088 Kenwood Trail, P.O. Box 1029, Lakeville, Minn. 55044.