



A second auger tube mounts above bottom half of original 34-ft. long auger. When you get to bottom of bin, you pull out auger stub and insert suction nozzle.

## Grain Auger Converts To Grain Vac In Seconds

This new grain auger comes with its own built-in grain vac that eliminates the need to shovel out bins or flat storage.

Inventor Andy Orosz introduced his prototype "Convert-A-Vac" at the recent Western Canada Farm Progress Show at Regina, Sask.

It consists of a conventional 7-in. dia., 34-ft. long auger with a vacuum system built onto it. Grain is pulled into a second auger tube that mounts above the original auger.

To empty a bin, you insert a stub auger into the bottom and auger grain out normally. When you get to the bottom of the bin, you remove the stub auger and insert a

6 ft. piece of 6-in. dia. flexible tubing and suction nozzle. When you activate the 8-in. Crary fan mounted halfway up the auger, enough suction is created to move up to 800 bu. per hour. Orosz notes that grain only has to be sucked into the end of the auger tube before the flighting inside takes over. A "separator" screen halfway up the auger allows air pressure to escape.

An air lock system for the vacuum system is created by a spring-loaded trap door on the auger discharge. The door is opened by the weight of the grain being discharged.

Orosz drives the 540 pto auger drive with a 40 hp tractor and says the conver-



A Crary fan mounts halfway up auger to create suction to pull as much as 800 bu. per hour into modified auger.



Stub auger (left) or 6-ft. flex nozzle inserts into end of auger.

tion should work on any grain auger.

He's looking for a manufacturer. Contact: FARM SHOW Followup,

Andy Orosz, P.O. Box 32, Dubuc, Sask., Canada SOA ORO (ph 306 877-4535).



Container fits in pickup bed between the fender wells and has a full-swing endgate on back. Eliminates the hassle of using a gooseneck trailer.

## "Slide-In" Livestock Container For Pickups

If you need to haul hogs, sheep, goats, or other small animals but don't want the hassle of using a gooseneck trailer, you'll like this "slide-in" livestock container that fits in the bed of a pickup between the fender wells.

The "Livestock Popper", as the company calls it, is 7 1/2 ft. long, 4 ft. wide, and 44 in. high and has a full-swing endgate on back. You can use rubber straps to secure the side support posts on the unit to stake pockets in the bed.

"It's made from aluminum so it's light and easy to handle," says Dave Anderson, Alum-Line, Inc., Cresco, Iowa. "It's really handy for taking livestock to shows. It's ri-

diculous to have to pull a 20-ft. long gooseneck trailer when you only have to haul seven sheep."

Models are available to fit any pickup, whether it has a full 8-ft. bed or short box, and units can be custom built on order. A center gate is available that divides the unit in two, i.e. to separate males from females. Sells for \$1,000 with center gate; \$950 without it.

The company also offers a full range of aluminum pickup toppers.

Contact: FARM SHOW Followup, Alum-Line, Inc., Box 59, Cresco, Iowa 52136 (ph 800 446-1407).

## "Never Drag" Gate Hinge

"We tell customers they'll never have another dragging gate once they install our hinge," says Neil Kramme, inventor-manufacturer of the "Never Drag" gate hinge that fits all kind of farm gates.

It makes it easy to keep all gates from dragging on the ground and also lets you lift the end of the gate up and walk it over the top of snow drifts without having to shovel snow away from gates before they

can be opened.

It mounts on metal or wood gate posts. Once installed, you can adjust a gate up or down by moving a pin. It also lets the end of the average length gate be adjusted as much as 30 in. up or down.

Sells for \$39.95 plus shipping.

Contact: FARM SHOW Followup, Neil Kramme, Never Drag, Rt. 3, Box 163, Owensville, Mo. 65066 (ph 573-437-4298).



Giant hydraulically-operated hook reaches up to pull down silage from huge piles, some of which are 30 ft. high. Hook was built from an old culvert-laying machine.

## Silage "Puller" Makes Big Piles Work

"The only problem with trying to limit spoilage by storing silage in big piles instead of small ones is how to get it down to feed with conventional handling equipment," says Loren Smith, Elkton, S. Dak., who built a big, hydraulically operated hook he calls "The One-Armed Bandit".

He uses it to reach up and pull down silage from huge piles, some of which are 30 ft. high.

The silage puller is built from an old culvert-laying machine that was originally operated by a winch and cable. "We removed the winch and cable and replaced

them with a hydraulic system, including a big cylinder mounted on the machine's tongue," he says. "We extended the length of the boom with I-beam so it reaches up 30 ft. Then we made a claw using a beam off an old plow and fitted it with hooks that pull silage down."

"We operate the puller simply by backing it up to the pile with a tractor, then lowering the hooks into the top and pulling forward."

Contact: FARM SHOW Followup, Loren Smith, R.R. 1, Box 69, Elkton, S. Dak. 57026 (ph 605 997-5240).



Hinge lets you adjust end of average length gate as much as 30 in. up or down.