

## Shank Straightener

"It can cost anywhere from \$3 to \$18 to have a repair shop straighten a bent shank. Plus, you lose the time it takes to remove the shank and take it to the shop," says Jerry Tuft, Glenfield, N. Dak., manufacturer of the Tough-T hydraulic shank straightener.

Besides the convenience and cost-savings, Tuft notes that the hydraulic shank straightener is safer in that if the shank breaks, unlike presses, you're standing a safe distance away from the shank as it's being straightened.

The Tough-T straightener simply fits over the chisel plow

or cultivator shank. You position the hydraulic cylinder so that the plunger is pushing on the desired area. Tuft recommends using a good shank as a "pattern" for making the bend.

Three different models are available to fit field cultivators and chisel plows. They're available with either 2 by 4-in., 4 by 6-in., or 4 by 8-in. cylinder. Model 400 with its 4 by 6-in. cylinder sells for approximately \$300.

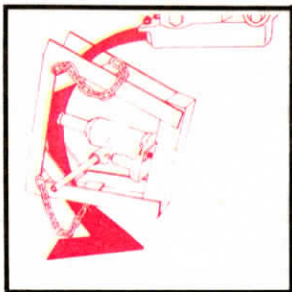
For more information, contact: FARM SHOW Followup, Tough-T Mfg., P.O. Box 79, Glenfield, N. Dak. 58443 (ph 701 785-2555).

## Shank Reshaper

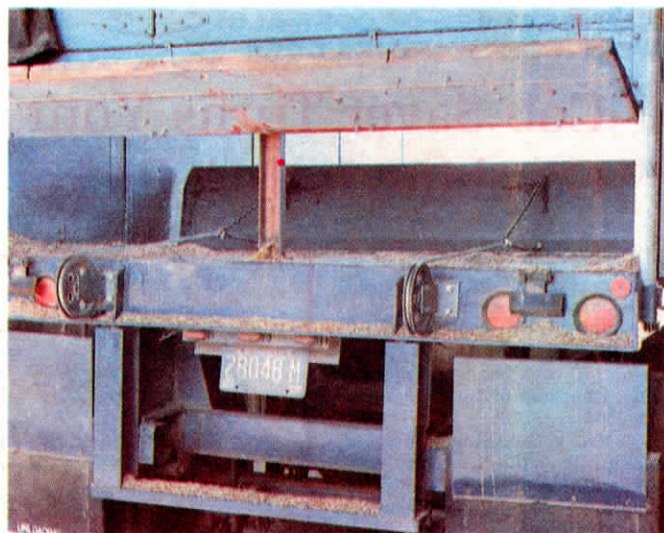
New from Assie Industries Ltd., St. Brieux, Sask., is the "Shank Reshaper". The reshaper fits right on the shank while it's still on the implement — saving you the time and money of removing the shank and taking it to a repair shop.

The unit simply fits over the shank and is held in place with two pins. You then use the jack to put the curve back into the shank.

The shank reshaper is 15-in. high and weighs 40 lbs. Models are available with an 8-ton jack for shanks up to 3/4-in. thick and with a 12-ton jack for 1 and 1 1/4-in. shanks. The smaller model sells for \$125. (Canadian).



For more information, contact: FARM SHOW Followup, Assie Industries Ltd., P.O. Box 400, St. Brieux, Sask. SOK 3V0 (ph 306 275-2175).



Drag board, in upright unloading position, is pulled to rear of truck by cable threaded through rear-mounted pulleys.

## INEXPENSIVE WAY TO HANDLE GRAIN OR OTHER BULK COMMODITIES

# Self-Unload System Fits Any Truck, Trailer

You can turn any semi-trailer into a one-of-a-kind dump truck with a new add-on unload system invented by Ron Hesse, Plymouth, Mich.

The system consists simply of a cable-powered drag "board" that's pulled along the floor of the trailer. The metal drag board is flared so, that when pulled toward the back of the trailer, it stands straight up and pulls grain to the rear. When pulled back to the front, it rides flat against the trailer floor with little resistance. Two cables strung between pairs of pulleys at the front and back of the trailer and driven by a heavy-duty winch mounted under the trailer bed — automatically pull the 1-ft. tall drag board back and forth until the trailer is empty.

"It takes just 15 to 20 min. to empty a 20-ton load," says Hesse, noting that the uncomplicated system can handle most any flowable commodity, including grain, fertilizer, lime,

sawdust and even bales of hay or straw.

The cable system takes up virtually no space in the trailer. Powered by a 16 gal. hydraulic pump, the winch mounts beneath the trailer bed. Hydraulic controls can be positioned anywhere on the trailer. Everything bolts easily to the trailer with an electric drill and hand tools. It can be easily transferred from one truck to another.

"The gearbox, bearings, drives, cables and pulleys are all top quality, designed to last the life of the truck," says Hesse.

The unload system can be sized to fit any size truck or trailer bed and sells for around \$4,000.

For more information, contact: FARM SHOW Followup, MR Unloading Systems, 10670 Warren Road, Plymouth, Mich. 48170 (ph 313 459-1939).



Photo from above shows how unloader drags grain to rear of trailer.

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