

Flat-fold hinges allow the 20-ft. booms to flex and follow ground contour.

FOLDS HYDRAULICALLY FROM THE TRACTOR SEAT; NO CHAINS, CABLES

3 Pt. "Flat-Fold" Spray Boom

"So far as we know, it's the first and only wide spray boom on the market that folds flat hydraulically right from the tractor seat," says inventor-manufacturer Verlyn Fast, Mountain Lake, Minn.

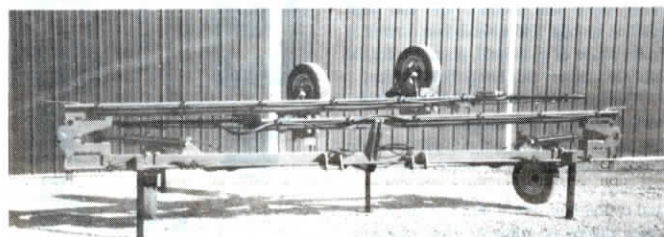
"The 20 ft. wide booms fold flat on top of the 20 ft. wide main frame — without requiring any cables or chains. When the right or left boom is operated independently to spray a fence line or ditch, for example, the folded-up idle boom lies flat on top of the main frame rather than teetering vertically, as is the case with other makes of hydraulic-fold booms I've seen," notes Fast.

The 20 ft. main frame is made of 5 by 5 by

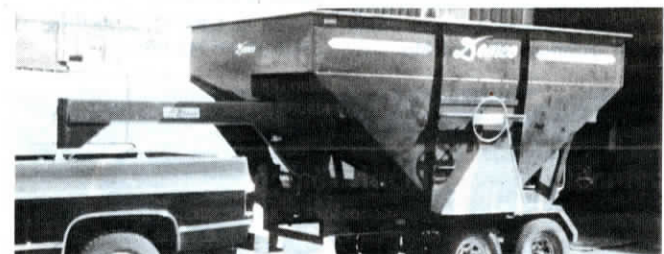
1/4-in. square tubing. Flat-fold hinges allow the booms to flex and follow ground contour. Adjustable castor wheels are available on the main frame as an option. Or, the 3-pt. rig can be used as a "suspended boom" without wheels. Boom height for broadcast or band spraying is adjustable from 15 to 30 in. Rear tongue hitch allows a large spray tank and trailer to be towed behind.

Sells for \$4,345, including sprayer plumbing except nozzles and the spray pump.

For more information, contact: FARM SHOW Followup, Fast Manufacturing-Distributing, Rt. 2, Box 325, Mountain Lake, Minn. 56159 (ph 507 427-3861).



The 20-ft. wide booms fold flat hydraulically on top of the 20-ft. wide main frame.



Gerritsen mounted a Demco gravity flow box on a home-built tandem axle frame.

TRAVELS THE SPEED LIMIT

"Over-The-Road" 5th Wheel Grain Wagon

If you've got a long haul from field to storage, you'll want to take a look at this gooseneck grain wagon built by custom trailer maker John Gerritsen of Rock Rapids Repair in Rock Rapids, Iowa.

"As far as I know, there's nothing like it on the market," says Gerritsen, who custom-built the 325-bu. wagon for a farmer customer who wanted a grain hauler he could pull at highway speeds. "Normal straight-tongue grain carts can't be pulled at much more than 20 mph but this wagon rides smoothly at high speeds even with a full load. A standard 3/4-ton pickup can handle it."

He mounted a new Demco gravity flow box on a tandem axle frame he built from scratch. The frame and 8-ft. gooseneck are built right into the box so it looks like they came from the factory together. The frame is fitted with rubber torque axles which eliminate all leaf springs and shocks. "They're more expensive but they ride better and last longer," says Gerritsen.

He builds the gooseneck haulers for \$900 to \$1,000, not counting the box.

Contact: FARM SHOW Followup, John Gerritsen, Rock Rapids Repair, 320 S. 2nd Ave., Rock Rapids, Iowa 51426 (ph 712 472-3924).



The metal boxtop is 1 ft. high in the center, tapering down to zero at the edge.

ELIMINATES TARPS

Steel Door Boxtop For Grain Trucks

The cost of an expensive side-roll tarp, or the idea of fighting with a hard-to-handle bulk tarp, prompted Richard Pilsner, Rockglen, Sask., to design and build a full steel cover for his grain truck.

"The metal and hardware cost about \$300, the price of a good tarp without the roll-up hardware. I wasn't thrilled with the idea of using a side roll tarp anyway," says Pilsner.

The metal boxtop is 14-ga. metal on a framework of 1/10-in. wall sq. tubing. It's 1-ft. high at center, tapering down to zero at the edge and is held on by 6 bolts. There are two hoops on top for lifting it off as a single unit with a front-end loader or crane.

Doors are 2-ft. wide and hinge back, leaving the center open. There's a 2-ft. solid section on each end. The doors are held down with tarp straps. "When it's closed, you can walk on it. There's a safety rail along the edge as the steel is slippery when wet or dusty," he says.

Lid joints overlap enough to allow rain water to run off, although Pilsner didn't seal them to make them waterproof because the area is generally dry during harvest.



Doors are 2 ft. wide and hinge back, leaving the center open.

Roof pitch is about 6 in. on each 54-in. side. Pilsner says the slope is about right to completely fill the box. "The tailgate has a double door center section so it's easy to reach in to shovel out the corners," he says.

Contact: FARM SHOW Followup, Richard Pilsner, Rockglen, Sask. SOH 3R0 Canada.

Photo and story reprinted courtesy GRAINEWS, Winnipeg, Manitoba

POWERED BY 12-TON HYDRAULIC JACK

"Vise Lacer" For Round Baler Belts

You can make belt crimps that look as good as factory crimps with a new hydraulic-powered "vise lacer", according to the Kansas inventor who's worked on the idea for six years.

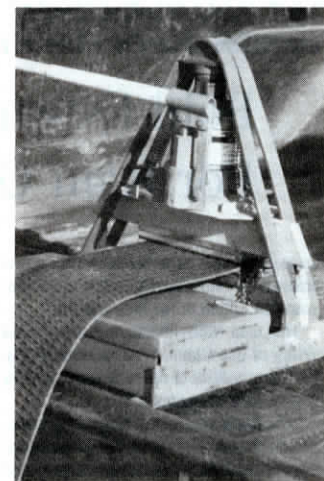
Crimper lets you work on belts without taking them out of the baler. It's compact - 18 by 15 in. - and is fitted with a removable 12-ton hydraulic jack. The press bars are made of tool steel and lacer has a wide throat to accommodate the largest belts available. It also has a built-in toolbox.

"Other hand-powered belt crimpers on the market are big and clumsy. This is easy to use and gives you a factory crimp," says inventor Royce Wheatcroft, Dighton, Kan.

To allow for different thicknesses of belts and laces, the vise-lacer has adjustable stops on the press bar.

Sells for \$199.

Contact: FARM SHOW Followup, Wheatcroft Dist., Box 968, 333 E. Vine, Dighton, Kan. 67839 (ph 316 397-2144).



The 18 by 15-in. crimper is fitted with a removable 12-ton hydraulic jack.