



The new 12-ton capacity wagon box can be truck or trailer-mounted.

4-STAGE CYLINDER CONTROLS ACTION

“Tipper” Wagon Features Both Side, Rear Dumping

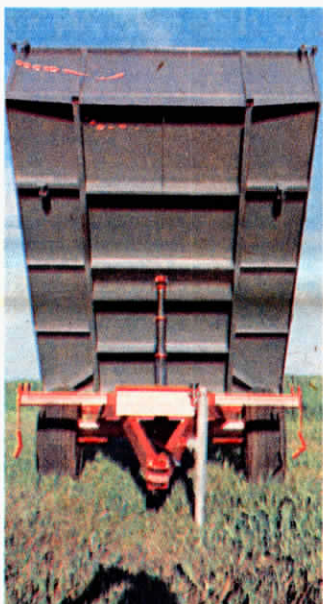
One 4-stage cylinder controls the action on the new all-purpose “Tipper” wagon from Wittwer Mfg. that dumps grain, forage, manure, logs or other material to the side, or to the rear.

To switch from side to rear dumping, or vice versa, you simply switch two pins. The 4-stage cylinder on the largest-available 12 ton capacity model is 5.5 in. in dia., extends to a maximum length of 68 in., and telescopes to 24 in., making it short enough to tuck neatly under the frame without sacrificing ground clearance.

“The side dumping feature is especially handy for unloading inside buildings with limited headroom,” notes inventor-manufacturer Peter Wittwer.

Available in trailer or truck-mounted 6, 10 and 12 ton capacity models, all factory-equipped with steel boxes hinged for both side and end unloading. The box on the largest 12 ton model is 15 ft. long, 7.5 ft. wide and 52 in. high. It retails for \$5,500 (Canadian). Soon to come is a “Tipper” box for pickups equipped for both side and end dumping.

For more information, contact: FARM SHOW Followup; Wittwer Mfg.; Peter Wittwer, Owner; Box 140, Fergus, Ont., Canada L1M 2W3 (ph 519 843-6180).



A single 4-stage cylinder controls action on new all-purpose “Tipper” wagon.



To switch from rear to side dumping, or vice versa, you simply switch two pins.



A 3-pt. hitch behind the repositioned front wheels carries a cultivator and other implements.

SEAT, STEERING WHEEL TURNED AROUND

“Reversed” Tractor Gives Driver Great Visibility

A “reversed” 85 hp SAME tractor provides great visibility and precise handling for the Bolthouse Brothers, commercial vegetable growers near Marné, Mich.

Their “reversed” tractor was custom revamped by John Breen and Terry Weaver, both of Grand Rapids, Mich. Breen and Weaver reversed and repositioned the tractor’s seat and steering wheel so that the driver sits above the pto, only 4 ft. off the ground, providing a great view of the cultivator and other implements directly in front.

The tractor’s repositioned front axle and wheels are supported by an overhead frame made of 4 by 6 in. tubing. The new “nose job” gives it an 11 ft. wheelbase, with the front and rear wheels spaced for 30 in. rows.

A 3 pt. hitch behind the repositioned front wheels carries the cultivator and other implements. A cultivator, for example, can be mounted on the 3 pt. by sliding it in from the side on a couple boards. Or, a second tractor can be used to pick up the reversed

tractor’s front end, Breen points out.

He notes that the SAME tractor was selected for the \$10,000 custom conversion because it offers a wide selection of gears—12 in reverse and 12 in forward gear. Operating speed ranges from 1 to 18 mph.

Breen and Weaver didn’t have to change gears, but they did have to change the linkage. A shaft extends from the top of the transmission back to a shift lever, positioned next to the driver’s seat.

“We’re working on plans for a reversed tractor with more horsepower that could handle 12 row implements and be used for ridge till. The operator will be able to keep his eyes on the row without having to turn around to view planting or cultivating equipment,” says Breen.

For more information, contact: FARM SHOW Followup, John Breen, 1417 Frontenac S.E., Grand Rapids, Mich. 49508 (ph 616 243-9757).

Color Coded “Fasteners” For Hydraulic Hoses

You can prevent wrong hookups of hydraulic hoses with new color coded fasteners available from Davco Lineloc, Harpster, Ohio.

The fasteners permanently pair, identify and color code any size hydraulic hose. Unlike other marking systems on the market, each of the fasteners is marked with an L and an R to signify “left” and “right” or “lower” and “raise”, as needed. Each fastener also is marked with arrows that indicate the flow of oil.

“These fasteners save wasted time tracing hoses to the proper outlet,” says David Herring, farmer-inventor. “The 3-choice marking system is unique and the fasteners are inexpensive at under \$2 each. You won’t have to climb on and off the tractor, or get spilled oil on your hands and clothes, trying to make the right hose hookups.”

To install, first hook up all hoses between the implement and tractor in the order you want them. Then, 12 to 18 in. from the outlet, place the “block” between 2 matched male-female hoses. Loop the plastic straps around the hoses and pull the strap through the block with pliers. You can also affix a



color-matching fastener to the outlet served by each pair of hoses.

The new fasteners fit any size hose, including hydraulic hoses used on augers. “The arrow marking system works well for keeping augers running in the right direction,” notes Herring.

The markers are available in red, blue and green.

For more information, contact: FARM SHOW Followup, Davco Lineloc, 16303 TH 124, Harpster, Ohio 43323 (ph 614 496-3025).