



### "Coulter Cart" Designed For Deere No-Till Drill

New "coulters cart" designed for the Deere 750 no-till drill creates a 1-in. deep tilled seedbed ahead of the drill's row units, providing an optimum environment for seed-to-soil contact, soil warm-up, and faster root penetration, says Unverferth Mfg., Kalida, Ohio.

The "Till & Drill" attachment consists of a row of staggered, fluted coulters that mount on a frame ahead of the drill. The coulters are hydraulically raised or lowered on-the-go by a pair of cylinders that operate off tractor hydraulics.

"The Deere 750 is an outstanding drill, but there are places where it won't penetrate," says Ray Rawson, inventor. "We've designed this system to provide

maximum leverage on coulters so they penetrate even in the hardest soils. The coulters are mounted on a parallel linkage system that always keeps them level. The tilled soil provides a softer place for roots to develop and also eliminates sidewall compaction. Another advantage is that the coulters incorporate decayed residue to eliminate stratification of nutrients in the top layer of soil."

Available only for 15-ft. drills. Sells for \$7,500.

Contact: FARM SHOW Followup, Unverferth Mfg. Co., Inc., Box 357, Kalida, Ohio 45853 (ph 800 322-6301 or 419 532-3121).



Bag lifter boom clamps onto frame of implement to handle bulk bags.

### "ELIMINATES NEED FOR A TRACTOR"

## "Bag Lifter" Mounts On Implement Frame

"Our new hydraulic bag lifter clamps onto field cultivators and other tillage implements, eliminating the need for a tractor and front-end loader to handle bulk seed and granular herbicide bags," says Michael Gates, Gates Mfg., Lansford, N. Dak.

The new bag lifter bolts onto any implement frame strong enough to withstand a 2,000-lb. load. It consists of a telescoping boom that hydraulically lifts and swings bulk bags from the transport vehicle to the implement. The unit has two hydraulic cylinders operated by a double spool valve. One cylinder raises or lowers the boom and the other swings it up to 180 degrees from side to side.

"It's always there when you need it,"

says Gates. "We developed it for use on our harrow cart used to apply granular herbicides. Maximum capacity is about 3,000 lbs. so it can be used to handle bulk seed if the planter frame is strong enough to handle the extra weight. It would probably work good on IH Cyclo planters because they have only one seed hopper. However, on other planters the system would have to be modified so that the boom could reach all of the planter boxes."

Sells for \$1,995 including 2-spool valve and diverter valve.

Contact: FARM SHOW Followup, Gates Mfg., Inc., Rt. 1, Box 60, Lansford, N. Dak. 58750 (ph 701 784-5434).

### ALLOWS USE OF A SMALLER TRACTOR

## Kit Converts Mounted Planters To Pull-Type

You can convert Case-IH 800 and 900 and Deere 7100 mounted planters to pull-type with a new kit from Campbell Mfg., Dayton, Iowa, that lets you handle planters with smaller tractors.

The kit consists of a 9-ft. long tongue made of 4 by 6-in., 1/4-in. thick steel tubing, a pair of dual wheels equipped with hydraulic cylinders that plumb into the planter's lift assist wheels, and hydraulic hoses.

"It makes the planter much easier to handle and eliminates the possibility of damage to the 3-pt.," says Campbell. "It's especially helpful for Case-IH 800 and 900 12-row mounted planters because they're so big that even a large tractor must have weights on the front end. By converting to pull-type, you can turn shorter on headlands and do a better job of following contours, and also use your pickup for trans-



Kit includes a 9-ft. tongue and a pair of hydraulic lift wheels.

port. One hydraulic lever is used to raise and lower all four wheels at once."

Sells for \$2,985.

Contact: FARM SHOW Followup, Campbell Mfg. Co., Dayton, Iowa 50530 (ph 515 547-2659).



Special-built bale deck is designed to mount on a semi tractor. A smaller deck for 3 to 5-ton trucks is also available.

### LET YOU HAUL UP TO 17 BALES AT A TIME

## Round Bale Decks Built For Semi-Trucks

"We've been building round bale decks for semi trucks for six years to use in our custom hauling business. We think they're the best on the market so we've decided to start building them for sale," says Shane Pallesen, Strathmore, Alberta.

The self-loading and unloading deck loads 17 bales in 12 minutes and unloads them in only one minute.

"I've hauled as many as 900 bales to the side of the field in one day," says Pallesen. "The bales stay in a very neat stack. The decks are virtually maintenance-free. We have one truck that has hauled more than 500,000 bales with very little maintenance. The decks sell for

\$23,500 Canadian (about \$18,500 U.S.) Your truck has to have a hoist, oil tank, hydraulic pump, wide load mirror, and rotating lights which we can also supply. We also build a smaller deck for single axle 3 or 5-ton trucks that can even be used on grain trucks by removing the box. It hauls 8 to 10 bales depending on weight and sells for \$15,000 Canadian (\$11,850 U.S.)."

Contact: FARM SHOW Followup, Shane Pallesen, Box 40, Site 23, RR 2, Strathmore, Alberta, Canada T1P 1K5 (ph 403 934-3275) or Mike Ellingson, Precision Farm Parts, Box 220, Sherwood, N. Dak. 58782 (ph 701 459-2228).

### Drill-Fill Hoist

"We built it for our own use and it worked so well we decided to put it on the market," says Guy Klosterman about his lift hoist that makes it easy to mount drill-fills augers onto truck endgates.

Designed for Brandt and Westfield drill-fills, the rolling hoist attaches with two wing nuts. A hand-cranked winch is used to raise and lower the drill-fill and the four large caster wheels let the hoist roll easily from side to side.

"It was a nightmare mounting drill-fills until we built this unit. There's nothing like it on the market. Makes it safe and easy for one man to do the job," says Klosterman.

The patent pending unit sells for \$225.

Contact: FARM SHOW Followup,



Klosterman Mfg., 17545 74 R St. SE, Wahpeton, N. Dak. 58075 (ph 701 642-2726).