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ALLOWS FAST TRANSPORT BETWEEN FIELDS

Add-On 3-Pt. Hitch For Older Grain Drills

"Our new add-on 3-pt. hitch for older model grain drills lets you transport them fast from field to field and makes it easier to store the drills inside a building," says Don Lofquist, owner, Lofquist Welding, Elwood, Neb.

The 10-ft. wide drill hitch fits Cat. II and III quick hitches and can accommodate drills 10 to 14 ft. wide. You simply remove the drill's pull-type hitch and bolt the drill to the new hitch. The hitch frame is made from 3-in. sq., 3/16-in. thick steel tubing and 3-in. angle iron.

"It's especially useful for farmers with fields scattered several miles apart," says Lofquist. "Pull-type drills can be pulled only about 4 to 5 mph and suffer some wear

and tear on the road. Older drills can be bought so cheap that some farmers buy several and leave them out in far-flung fields all year long. Our drill hitch eliminates the need for that.

"The hitch fits Deere, IH, and most other brands and can be painted to match the color of the drill. It's easy to install although some bolting and welding to the drill may be required. Some farmers remove the packer wheels. And some make use of loops at the back of the hitch to pull a drag chain or harrow behind the drill."

Sells for \$440.

Contact: FARM SHOW Followup, Lofquist Welding, Inc., 202 Ontario St., Elwood, Neb. 68937 (ph 308 785-2755).



Bale transporter carries stacks to the barn or storage area and can be adjusted to carry either 56 or 72 small square bales at a time.

LETS ONE MAN HANDLE SMALL BALES

Simply-Designed Equipment Automates Bale Handling

"Our bale handling equipment has been on the market in England for several years, but we're just now introducing it to North American farmers. It lets one person load and unload small square bales fast," says Maxine Netherway, Netherex Mechanized Bale Handling Systems, Hastings, Ontario, adding that the company also makes equipment to handle big square bales.

The system consists of a bale accumulator, bale grabber, and bale transporter.

The bale accumulator tows behind the baler and automatically assembles a square pack of 8 bales in a 4-wide, 2-long configuration.

A loader-mounted 8-bale grabber is then used to pile the bales in stacks of 40, 56, or 72 bales.

The bale transporter carries stacks to the barn or storage area and can be adjusted to carry either 56 or 72 bales at a time. A 3-pt. mounted "squeeze transporter" can be used to haul up to 40 small bales at a time and is ideal for moving bales short distances off the field.

The bale accumulator sells for \$3,860, the 8-bale grab for \$2,130, the bale transporter for \$8,950, and the squeeze transporter for \$4,153.

The company's big square bale accumu-

Kits Convert Field Cultivators Into No-Till Air Seeders

You can convert a field cultivator into a low-cost no-till air seeder using new clamp-on seeder-fertilizer units. Here's a roundup of what several companies have to offer.

Peacock Holdings, Rosthern, Sask., offers a "precision seeder" for any heavy-duty cultivator that has a 400-lb. or more trip. It consists of a knife that bolts onto the front of the cultivator shank, a V-



shaped double seed shoe that bolts on behind the shank and makes 5-in. paired rows, hoses to double shoot liquid or dry fertilizer or anhydrous ammonia, and a pair of press wheels. Seed is placed 1 1/2 in. above the fertilizer and 2 in. to the side of the trench made by the cultivator knife.

"The press wheels mount on sealed bearings and follow the field contour to provide precise seed placement," says Ernie Luchsinger. "There's only a 7-in. span from the tips of the shoe to the press wheels which helps maintain very precise depth control. If the cultivator shank trips, the seeding attachment pivots out of the way to avoid striking the cultivator frame."

"These units work on any deep till cultivator with 12-in. or greater spacing. However, we recommend 15 in. spacing for more trash clearance. By simply loosening a bolt you can slide the seed shoe up to add or remove spacers to set seed depth. Downpressure on the press wheels is controlled by a spring-loaded hinged arm that can be controlled by adjusting the position of a bolt."

Sells for \$365 per shank (Canadian).

Contact: FARM SHOW Followup, Peacock Holdings Ltd., Box 189, Rosthern, Sask., Canada S0K 3R0 (ph 306 232-4212).

Poirier & Sons double shoot opener bolts on in place of the cultivator shovel. It consists of a front knife that digs a trench for seed and a back knife where dry or liquid fertilizer is applied. A tube can be attached to the back knife to also apply anhydrous ammonia. The back knife is offset 1 in. to the side. As it digs a trench, it pushes soil against the seed to eliminate the need for press wheels.

"It works good in wet soil and in heavy

stubble conditions because it disturbs only a narrow area," says Gerard Poirier. "The front knife is 3/4 in. wide and the back knife 5/8 in. wide. Fertilizer is applied at the same depth as seed but off to the side. Set screws are used to adjust depth of the back knife. If your field cultivator is equipped with packer wheels you can place fertilizer deeper than the seed by applying



fertilizer behind the front knife and seed behind the back knife. Both knives have carbide tips so they'll last a long time. They've been proven in rocky conditions."

Sells for \$200 per shank (Canadian).

Contact: FARM SHOW Followup, Gerald Poirier & Sons, Box 129, Antler, Sask., Canada S0E0E0 (ph 306 452-6116 or 204 662-4474).

Melranda Mfg. Ltd. offers a completely self-contained unit that bolts on in place of the cultivator shank.

It consists of a shank, replaceable 3/4-in. seed knife equipped with carbide tip, adjustable fertilizer knife, and shank-mounted press wheel.



Liquid or dry fertilizer is placed 1 in. to the side of the seed. It requires a minimum 425-lb. trip to keep both knives in the ground. The depth of the fertilizer knife can be adjusted by changing the position of two steel plates that press against the knife. Seed depth is controlled by raising or lowering the cultivator frame.

Both the seed knife and fertilizer knife are back-sloped allowing them to ride over rocks. The press wheels can be adjusted from 25 to 75 lbs. pressure.

Sells for \$340 per row (Canadian).

Contact: FARM SHOW Followup, Melranda Mfg. Ltd., Box 54, Durban, Manitoba, Canada R0L 0P0 (ph 204 539-2563).

lator assemblies either two or three bales at a time and can be used with bales from 4 to 8 ft. long. Dropping bales in groups of two or three allows pickup time to be reduced by 70 to 80% compared to picking up single bales, says Netherway. A loader-mounted "super bale grab" can be used to load or unload big bales onto trucks or wagons (the 8-bale grab can be used with bales weighing up to 500 lbs.). The bale transporter can be adjusted to carry 12 to 18 big square bales while the squeeze transporter handles up to 6 medium bales.

The 3-big bale accumulator sells for \$14,800, the 2-big bale accumulator for \$13,200, and the super bale grab for \$4,300.

Contact: FARM SHOW Followup, Netherex Mechanized Bale Handling Systems, Rt. 3, Hastings, Ontario K0L 1Y0 (ph 705 696-1926).



Company's 3-pt. mounted "squeeze transporter" can be used to haul up to 40 small bales at a time.