

GIVES PRECISE CONTROL AND PACKS SEED

Add-On Depth Gauge Wheel For Air Seeders

"We really believe in the concept of air seeders but they generally have trouble with depth control," says Dale Johnson, D & D Enterprises, manufacturer of a new add-on depth control gauge and packer wheel for chisel plow shanks used in conjunction with air seeders.

Dale's brother Doug Johnson farms near Sidney, Mont. and came up with the add-on wheel in an effort to get more precise depth control and a tight pack in marginal moisture conditions. After three years of use, the brothers have decided to put the wheel on the market.

"Doug began using an air seeder in 1979 but was ready to trade it back in for press drills before he developed this new combination gauge packer wheel. It attaches to the shanks and is spring-loaded to walk over rocks or other obstacles while the shank stays in the ground.

The wheels are strong enough to absorb the shock of rocks and to carry most of the weight of the chisel plow in firming the soil and gauging the depth of the seed," says Dale.

Doug adds that the add-on wheel is especially important on particularly wide equipment. "I used to have trouble keeping the wings on my 55-ft. chisel plow planting at the same depth as the main frame," he notes. "Now, germination — even on the



Combination gauge-packer wheel is spring-loaded to walk over rocks.

hilly ground — is as good or better than our neighbors get using press drills."

The wheel simply bolts to each individual chisel shank. Depth is adjusted by moving it up or down the shank. They'll work behind any seed or fertilizer shoe. A paired set of wheels for paired row planting is also available.

"It works much better than a set of trailing packer wheels because, even on sidehills, this packer wheel is directly over the row. What's more, you get depth control," notes Dale.

The packer and depth wheel sells for \$85. A paired set of wheels sells for \$130.

For more information, contact: FARM SHOW Followup, D & D Enterprises, Girard Route, Box 5240, Sidney, Mont. 59270 (ph 406 798-3606).

ELIMINATES NEED FOR EXTRA DRIVES

New Flex Coupler Lets You Fold Rod Weeder

Rod weeders are widely used in the western states but they've always been a problem because of the difficulty in folding them up for road transport. Ground-drive units that fold often have universal joints that take 30 minutes or more to hook up, and hydraulic drive folding rod weeders need a separate drive for each section of rod.

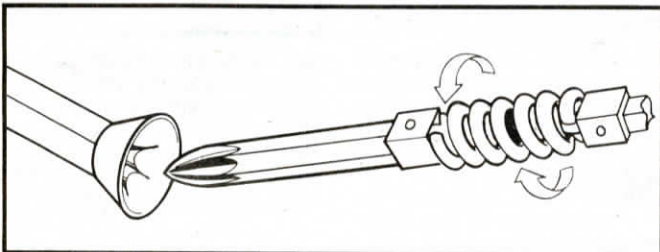
Three years ago, Barry Harmon, of Scobey, Mont., began working on an automatic coupling "universal joint." Recently introduced to the market, his new Uni-Flex coupler is a hot seller.

The trick to designing the new flex joint was making it flex at the joint

but still provide a strong rotational drive. He accomplished it with a spring joint that allows the tip of the connecting rod to slip into the receiving end of the joint, yet remain rigid for work in the field. The point of the connecting rod is completely self-aligning and can be raised and lowered repeatedly without any manual adjustment.

All wear parts of the Uni-Flex are replaceable and any number can be placed on a single rod weeder. They sell for \$69.50 apiece.

For more information, contact: FARM SHOW Followup, Rasmus Nelson, Box 248, Scobey, Mont. 59263 (ph 406 487-2263).



Powered Round Bale Handler

Andy Murdoch, Eckville, Alberta, built a round bale handler that not only picks up and transports bales on the tractor front-end loader but also unrolls them.

The bale handler simply mounts on the loader arms in place of a bucket. There's a 3 by 8-in. hydraulic cylinder on each arm with a flow divider so that he can open the arm on one side when working close to a wall or cab of a truck. When you pick up a blade, you open the arms all the way. The divider brings the arms closed evenly.

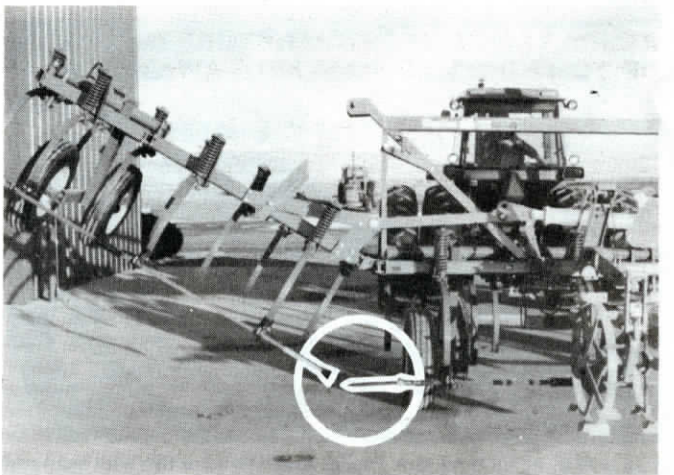
Rotating gripper plates on each arm of the bale handler hold the bale. When in transport

they remain stationary. To unroll a bale, you just cut the twine and start turning. The hydraulic motors, mounted in each of the bale arms, turn the bale at 0 to 60 rpm's.

Murdoch says the unique bale handler lets him transport and unroll bales no matter what condition they might be in. Even if they're flat on the bottom the unroller will be able to handle it.

Murdoch built the unroller on his own farm and would like to find a manufacturer for it.

Contact: FARM SHOW Followup, Andy Murdoch, Rt. 3, Eckville, Alberta TOM OXO Canada.



Automatic coupler is completely self-aligning.