



The 5-in. wide V-blade "wraps" around press wheel to help plant at more even depth.

## THEY LEVEL THE SEEDBED, MOVING CLODS AND TRASH TO THE SIDE

### "Trash Movers" For Row Crop Planters

A wedge-shaped attachment that mounts just ahead of disc openers and press wheels on row crop planters moves trash and lumps to the side, creating a level seedbed that results in more even seed planting depth, according to Seaforth Iron, Seaforth, Minn.

Each "Trash Mover" consists of a 5-in. high V-blade that "wraps" around the press wheel, extending to about 1/2-in. behind the front of the wheel and 1/2-in. out to the side. The units, designed primarily for minimum till and no-till conditions, adapt to all Deere and Kinze planters. They can be adjusted up and down in 1/4-in. increments by changing pin settings.

"Other trash moving units on the market are built with two disc blades and are much more expensive," says Jeff Maasch, owner.

"Trash Movers do as good a job or better at less cost. In addition to creating a more level seedbed, they also prevent corn roots or other trash from getting caught in the rear press wheels and digging out seed. If you use pre-plant herbicides, we recommend running them no more than 1 in. deep to keep from interfering with herbicides."

Four bolts are used to secure each unit's mounting bracket to pre-drilled holes on the planter. A vertical bar between the blades slides up through a holder on the mounting bracket.

Trash Movers sell for \$55.

For more information, contact: FARM SHOW Followup, Seaforth Iron, P.O. Box 41, Seaforth, Minn. 56287 (ph 507 984-5654).

## BOTH IMPLEMENTS CONTROLLED INDEPENDENT OF THE OTHER

### Cultivator Hitched To 20-Ft. Grain Drill

"I've used this rig successfully for the past three seasons. It saves time by eliminating one trip over the field and it reduces compaction," says Richard Cross, Brewster, Minn., who teamed up an old Crustbuster field cultivator with a 20-ft. Tye grain drill.

The drill-cultivator combo lets Cross incorporate Trellan and drill his soybeans at the same time. "I lengthened and raised the frame of the cultivator to allow the cultivator gangs to hang below the frame. The cultivator is raised and lowered by a 4-in. dia., 21-in. long hydraulic cylinder acting through four cables and six pulleys. Depth is controlled by front and rear gauge wheels.

"The drill is lifted independently by an 8 in. dia., 30-in. long hydraulic cylinder which lifts under contraction and is single-acting to allow the drill to float on its gauge wheels.

The 3-pt. hookup is equipped with a quick hitch to speed hookup.

"This cultivator-drill hookup has features not available on commercial units that were on the market at the time I built it such as independent control of the cultivator and drill allowing the cultivator shanks to be raised first at the end of the field so you don't dig through the already planted end rows. Trash clearance is outstanding because the cultivator has four rows of teeth. Commercial units I looked at had three closely spaced rows of Danish tines that were reported to plug very easily. I have had no trouble in cornstalks as long as they are chopped in the fall."

Contact: FARM SHOW Followup, Richard Cross, Rt. 2, Box 26, Brewster, Minn. 56119 (ph 507 842-5662).



The hood tilts up and the side panels come off for easy servicing. All routine maintenance, including refueling, can be done from ground level.

## NEW MAXXUM TRACTORS LOOK LIKE "MINI-MAGNUMS"

### Case/IH Unveils New Mid-Size Tractor Line

Two years ago Case/IH introduced their all-new line of 130 to 195 hp. Magnum tractors. This year the company is continuing its overhaul of the old Case and IH product lines with a new line of 75 to 95 hp. tractors they're calling "Maxxums".

Dennis Schwiager, product director for the new Maxxum tractors, says farmers who've had a look at the new Maxxums call them "mini-Magnums" because their styling and design is similar to those larger tractors, which are now rolling off the assembly line in Wisconsin at a rate of nearly 12,000 tractors a year.

Prototypes have been in the field for the past 18 months. The company planned to go into production a year ago but farmers who tested the prototypes suggested changes that delayed the introduction another year.

The new Maxxum line consists of the 5120 with 77 hp., the 5130 with 86 hp. and the 5140 with 94 hp. All three tractors feature new engines and transmissions. Key features include:

**Engine** - The 5120 is powered by a new 4-cyl. 3.9L diesel that's turbocharged and aftercooled. The 5130 is powered by a new 6-cyl. 5.3L naturally-aspirated diesel and the 5140 is powered by the same 5.3L engine equipped with a turbocharger. "The engines are direct-mounted to the transmission flange, eliminating the need for mounting to the tractor frame. This reduces stress on the engine structure when using a tractor loader or front-mounted equipment such as saddle tanks because the weight is supported by the tractor frame and not the engine," says Dave DeSutter, Maxxum project manager.

**Transmission** - A fully synchronized 16 forward and 12 reverse transmission is standard equipment on all Maxxums. A full-powershift is optional. Both transmissions feature a full power "forward-to-reverse shuttle" that lets you shift from forward to reverse and back again simply by flipping a lever, without clutching or stopping. "It's great for loader work," notes DeSutter. An add-on 8-speed "creeper" attachment is available that slows the tractor down to 2

mph for working vegetable crops or doing other specialized work. All Maxxum models can be fitted with MFWD.

**Cab** - The all-new cab has a door on either side and glass windows that extend from roof to floor both front and back for maximum visibility. The steering wheel tilts and telescopes, and an adjustable mechanical seat is available. The air conditioner is fitted with an outside filter for easy servicing. "All control levers are positioned on the right side of the cab. We paid a lot of attention to what farmers told us they wanted and tried to locate all controls where they told us they could most easily reach," says DeSutter.

**Hitch and Pto** - The tractor's fitted with both front and rear 3-pt. The rear 3-pt. lifts up to 7700 lbs., the same capacity as the much larger Magnum tractors. "That's about 1,000 lbs. more than other similar-size tractors," says DeSutter. Both lift arms on the rear 3 pt. are fully adjustable and the hitch is raised and lowered with electro-hydraulic controls that can be set to automatically raise and lower the hitch to a preset working depth. The front 3-pt. can carry a load of 5,200 lbs. A front pto will be added to the tractor next year. The rear pto can be changed from 540 to 1,000 rpm by simply pulling a clip and reversing the shaft.

**Warranty** - All parts except tires on the Maxxum tractors are covered by a 5-year, 5,000 hr. warranty. "This warranty is the best in the business. No one else comes close," says DeSutter.

**Maintenance** - All routine maintenance can be performed from ground level thanks to the tilt-up hood, quick-latch side panels, and a tilt-out front grill. All filters and fluid checks can be easily reached and the tractor can be refueled from the ground.

Price ranges from \$26,000 for a standard model 77 hp. 5120 up to \$48,000 for a 5140 equipped with all options. The tractor is made in Germany because the biggest market for mid-sized tractors is in Europe.

For more information, contact: FARM SHOW Followup, Case/IH, 700 State St., Racine, Wis. 53404 (ph 414 636-6011).