

Hiniker's conservation planter adapts to either Deere or White planter units.

CONVENTIONAL PLANTER BOLTS BEHIND TILLAGE UNIT TOOLBAR

New Planter Features Conservation Tillage

"This is the first modern row crop planter designed for conservation tillage planting which also works for conventional planting," says Mike London, sales manager for the Hiniker Company, Mankato, Minn.

He's talking about their new tillage kit which bolts onto a regular toolbar planter for 4-way conservation tillage. The completed unit can be used for no-till, ridge planting (till and plant), minimum till or conventional planting.

The Hiniker tillage toolbar is a semi-mounted unit. In turn, the planter toolbar is bolted behind the tillage toolbar. Currently, Hiniker's unit is set up to accept White's 5100 planter units or Deere's 7100. London says Hiniker hopes to have adapter units for International and Kinze planters (from Kinze Manufacturing, Williamsburg, Iowa) available soon.

Each row width of the Hiniker attachment consists of a stabilizer disk, two heavy-duty row-cleaning disks and a fluted coultter. Any, all or none of these components can be used, depending on the planting method chosen.

For no-till, only the fluted coultter is used. For ridge planting, the fluted coultter and the cleaning disks are needed. Minimum till requires the fluted coultters and/or the cleaning disks after a previous pass with a chisel plow or disk. The stabilizing disk works with all three methods. It acts as a depth gauging wheel and also makes the initial cut into the soil. For conventional planting, a single pin locks the entire tillage unit out of the way.

Since the planter and the tillage unit are separate, the tillage unit can take the punishment of rocks and other obstacles while the planter performs its function without obstruction. Each row of the tillage unit can flex up and down 8 in. without affecting the rest of the tillage

sections or the planter. The planter operates independent of the tillage unit.

The tillage unit is kept in the ground by a unique weight transfer system. A weight mounted on a track can be adjusted to apply from 300 to 700 lbs. of pressure on just the tillage unit. London notes, "You move the weight from the rear to the front. The further ahead, the more downward pressure you get for deeper penetration or for faster planting speeds."

Hiniker field tested the planters on over 4,500 acres last spring according to London. Harlan Burley of Medelia, Minn. had one of them:

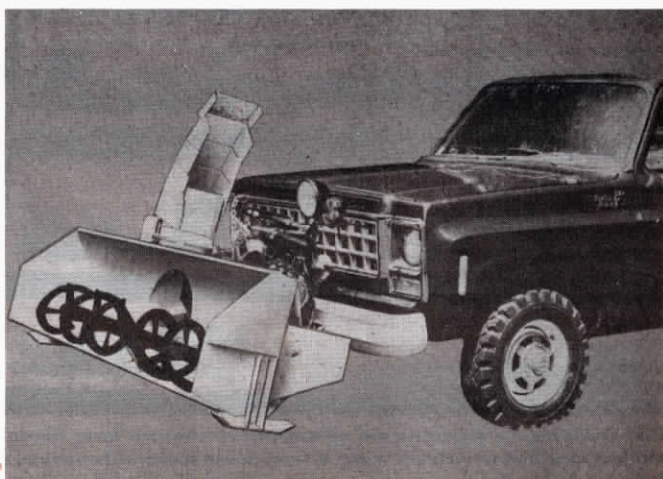
"We used a Buffalo no-till planter for 4 or 5 years and really liked it. But I think the Hiniker planter did an even better job on trash than the Buffalo planter. With the Hiniker planter, I don't believe you'd ever have to chop or disk stalks. We never did plug it up," Burley told FARM SHOW.

He adds, "We thought it worked a little better on hard ground, too. Another thing we liked was the way you could remove the tillage units from it to use just the conventional planter. Everybody's concerned with conservation these days. This just might be the answer."

Burley said he used an IH 1086 to pull the 8-row rig, equipped with Deere Max-Emerge units. He notes that the large tractor was needed to add stability more than for power since the planter is so heavy.

The planter is available in 4, 6 or 8 row models with 30 to 40 in. row spacings. Cost will be from \$1,300 to \$1,400 per row for the Hiniker tillage unit. (The planter units are purchased separately.)

For more details, contact: FARM SHOW Followup, Hiniker Company, P.O. Box 3407, Mankato, Minn. 56001 (ph 507 625-6621).



All controls, including starter and throttle for 18 hp engine, are operated from cab.

BLOWS SNOW 50 FT. OR MORE

Engine-Driven Snow Blower For Pickups

A new pickup-mounted snowblower lets you blow snow 50 ft. or more, thus eliminating the usual problems with high banks and lost space.

The Hanson Money Machine is powered by its own 18 hp engine and fits most trucks already equipped with Western, Meyers, or Fisher snow plow mountings. The Hanson Company recommends at least a 3/4 ton pickup. They also recommend a truck with an automatic transmission so the truck can be run extensively at slow speed without clutch damage.

The 18 hp Briggs and Stratton twin cylinder engine powering the snow blower can be fueled through the truck's fuel line or with the standard fuel tank that it comes with.

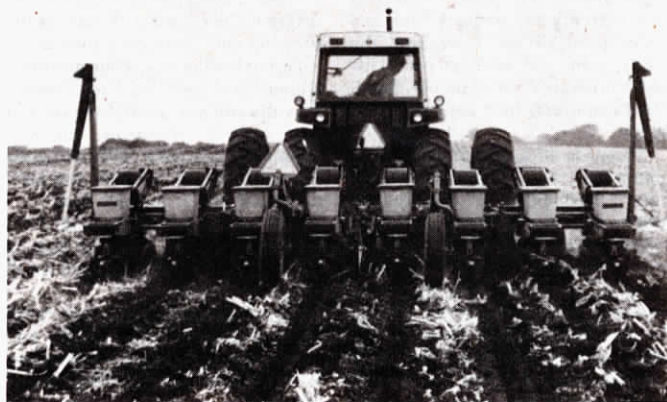
Blower controls are also run through the truck, which allows for easier, more comfortable winter operation. Hydraulic lift cylinders are the same as the ones needed for the snow blade. The discharge chute is controlled electrically from the cab

and the snow deflector moves hydraulically. The truck's battery supplies electricity for the discharge chute and for the blower engine's starter.

Three sizes, 5, 6, and 7 ft., are available. Hard-packed, crusted snow is normally no problem, according to Jeff Hanson, of Hanson Equipment. "The 12-in. auger on this machine is built to break up hard-packed snow. Generally, the heavier the snow, the farther you can blow it," he says.

Hanson notes that some of their Money Machines are being sold to skid steer loader and fork lift owners who will be adapting blowers to their machines. He says it may also be possible to adapt one to a tractor, although no standardized kits are available.

For more information, contact: FARM SHOW Followup, Hanson Equipment Company, 310 Charles St., South Beloit, Ill. 61080 (ph 815 389-2261).



The planter can be used for no-till, till-and-plant, minimum till or conventional planting with simple adjustments.