



The 29-ft. drill has 11-ft. center section and two 9-ft. wings that fold up for transport.

NO-TILL CHISEL POINTS KEEP SEED AND FERTILIZER SEPARATE

“Chisel Plow” Grain Drill

Key to success of this new “chisel plow” no-till grain drill are special-built chisel plow points designed to deposit both seed and fertilizer into the same furrow but keep the two separate.

“As far as I know it’s the only chisel-type drill on the market,” says farmer-inventor J.W. Thomas, Prescott, Wash. “Our special chisel points have seed distributor plates on back that deposit seed on ledges in the furrow to keep it separate from fertilizer which is deposited in the bottom of the furrow. A big advantage of using chisel shanks is the excellent soil penetration. Our chisel seeding points pull into the ground just like conventional chisel plow points. No extra weight is needed to penetrate.

“It also has a unique packer wheel design. Other no-till drills or air seeders have packer wheels that are rigidly attached to the frame, causing them to become offset from the furrows on sidehills. Our drill is equipped with packer wheels mounted on a bar that allows the wheels to pivot horizontally and remain parallel with the direction of the chisel point, even on side hills. Adjustable down pressure is provided by a spring-loaded, automobile-type booster shock. The drill’s eight carriage wheels are mounted behind shanks and also serve as packer wheels.

“Seed is delivered by 3/4-in. seed tubes.



Seed is delivered by 3/4-in. seed tubes. Fertilizer flows through a pair of stainless steel tubes.

Fertilizer flows through a pair of stainless steel tubes. This dual fertilizer system lets us deep band nitrogen with sulphur and phosphate at the same time.”

The 29-ft. drill has an 11-ft. center section and two 9-ft. wings that fold up for transport. It’s equipped with a 750-gal. spray tank and two 100-gal. wing tanks.

For more information, contact: FARM SHOW Followup, Hillcrest Farms, Inc., HC 11, Box 140, Prescott, Wash. 99348 (ph 509 849-2865).



Special-built chisel plow points have seed distributor plates on back that deposit seed on ledges in furrow. Fertilizer is deposited in bottom of furrow.



Open frame trailer has arched overhead frame. Four hydraulic cylinders, two on each side, lower the side rails down to ground to pick up bales.

Self-Contained Hydraulic Bale Hauler

“I built it for my own use but it worked out so well we’d like to find a manufacturer,” says Jerry Colemer, Adams, Wis., who’s had good luck with his self-contained hydraulic-operated 2-bale hauler.

Colemer says he designed it as a short-haul machine for people with hay fields 2 to 3 miles away. He also wanted a bale hauler he could tow behind his pickup to speed up the process and to eliminate the need for tractor hydraulics.

The open frame trailer has an arched

overhead frame that holds the two sides of the bale hauler together. There are four hydraulic cylinders, two on each side, that lower the side rails down to the ground to pick up the bales. After the operator backs the rig over the bale, the cylinders activate levers that push lift rails out under the bale.

Hydraulics are provided by a 5-hp. gas motor mounted on the tongue.

Contact: FARM SHOW Followup, Jerry Colemer, Colemer Mfg., 919 County E., Adams, Wis. 53910 (ph 608 339-3675).



Photo courtesy Iowa Farmer Today

Blue, red, and yellow light bulbs - mounted on top of bin - monitor operation of fan, burner, and stirrator.

“Traffic Lights” Make Checking Bin Equipment Easy

Whenever Jim Boeding wants to make a late-night check on his grain drying bin, he simply looks out the upper-story bedroom window of his house. Blue, red, and yellow light bulbs mounted on top of the 10,000-bu. bin monitor operation of the fan, burner and stirrator, respectively.

The 75-watt bulbs are mounted inside waterproof “globes” and are attached to a 3-ft. long steel mounting post (with a ceramic base) that’s bolted onto the roof near the peak. An electric cord runs from each bulb down the side of the bin and plugs into the electric switch box for each piece of equipment.

“It eliminates the need to run out to the bin to see if things are working properly. As long as the lights are on, I know everything is alright,” says Boeding, who notes that he can also see the light bulbs from his hog buildings. “As far as I know, no manufac-

turer offers this type of monitor that’s visible from a long distance away. Using my eyes instead of my ears is especially useful with the stirrator. In the past I always had to climb up the bin to see if the stirrator was still running. I may add a fourth bulb so I know when the stirrator advances or stops.

“The bulbs are spaced so close together that glare can sometimes be a problem. I have to look twice to see which bulbs are on. I plan to mount black shrouds around the bulbs - somewhat similar to those on highway traffic signals - to solve the problem. I think the same idea could be used on batch dryers.”

Boeding spent \$250 to make the light bulb monitoring system.

Contact: FARM SHOW Followup, Jim Boeding, Rt. 1, Box 172, Ridgeway, Iowa 52165 (ph 319 737-2327).