

At weaning, hinged crate is raised vertically to give pigs full use of entire pen.

NEW FROM GERMANY

"Tilt Up" Farrowing Crate First Of Its Kind

Latest new development in hog equipment is a "tilt up" farrowing crate introduced from Germany by Monoflo International, McLean, Va.

"It was first introduced in Germany about 10 years ago where it has caught on fast and is now the country's most popular farrowing crate," says Helmut Rader, president of Monoflo.

The first-of-its-kind crate is positioned diagonally in a farrowing pen. When the pigs are about 28 days old and ready for weaning, the mother sow is moved out and the crate raised vertically so it is out of the way, giving pigs full, unobstructed access to the entire pen. If

the ceiling is too low for the crate to be raised high enough to be out of the way, pins can be pulled and the crate lifted out of the pen for storage elsewhere.

In Germany, the concept has been extensively tested with 4, 21 and 28 day weaning. Best results have been obtained with 28 day weaning, explains Rader.

The complete setup, including the tilt-up farrowing crate, a rubber coated metal floor and the farrowing pen, sells for \$450.

For more details, contact: FARM SHOW Followup, Monoflo International, Drawer R, McLean, Va. 22101 (ph 703 356-5103).

"FINE TUNES" SEED PLACEMENT IN FURROW

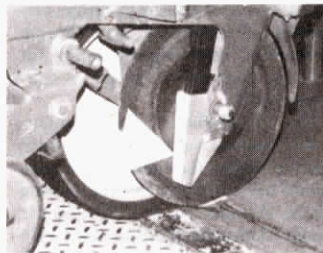
Seed Tube Extender For Deere Planters

"The only problem Deere planters have is that they bounce the seed in dry soil," says Craig Ohlson, who along with partner Vance Hahn, has introduced a seed tube extension for Max-Emerge corn and soybean planters that, they say, solves the bounce problem.

"Deere's seed tube curves forward at the bottom, between the discs, throwing the seed forward. We cut off that curved part and bolt on our straight tube 'nozzle'. It lays the seed right at the bottom of the seed furrow for perfect seed placement," explains Ohlson.

He maintains that "other manufacturers have already gone to straight seed tubes. We think Deere is reluctant to change because they have had so few complaints about the popular Max-Emerge".

To install the extension, simply remove the wheels, scraper and disc blade on the planter. Then, cut off the



Arrow shows steel tube extension.

seed tube with a hack saw, install the extension and drill two 5/16-in. holes to hold it in place. Then reassemble.

The Deere Max-Emerge extension tube sells for \$18 a row, or \$100 for a 6-row planter.

For more information, contact: FARM SHOW Followup, C & V Sales and Service, Rt. 1, Cherokee, Iowa 51012 (ph 712 434-2214, or 434-5705).

USES A 12-V RECHARGEABLE BATTERY

Electric Barn Broom

Tired of pushing a broom down your barn alleys and mangers every day? With a new electric barn broom from Agro-Power, Fond du Lac, Wis., you can sweep 200 ft. of barn, 8 ft. wide, in just 10 minutes with practically no labor at all.

A 12-V battery powers the Agro-Power broom. The rechargeable battery works for about a week on a charge. Best of all, it's quiet and produces no gas fumes or sparks.

The broom sweeps left to right in a 30-in. swath and has proven to be especially popular with dairymen for cleaning gutter grates.

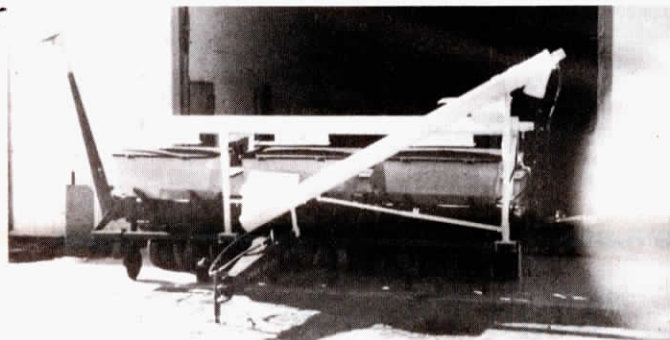
The brushes are expected to last about 2 years and can be replaced through Agro-Power. They're designed to operate close to walls and pen fences. Since both brushes turn in the same direction at high speeds, the nylon bristles are essentially self-cleaning.



Broom takes 30 in. swath.

Sells for \$795, including a battery charger.

For more details, contact: FARM SHOW Followup, Agro-Powgr Inc., Box 892, West Frontage Rd., Fond du Lac, Wis. 54935 (ph 414 922-0064).



Auger housing is plastic. Auger itself is made of metal. Entire unit weighs only 300 lbs.

MADE OF PLASTIC, IT'S LIGHT AND RESISTS CORROSION

Planter-Mounted Auger Saves Time And Effort

Out of a farmer's workshop comes this plastic auger for easy loading of granular fertilizers into fertilizer hoppers on planters.

The versatile new auger mounts permanently on the planter and weighs only 300 lbs. It eliminates the need for specially equipped fertilizer wagons and trucks. Invented by Richard Fiechter, of Bluffton, Ind., it's being marketed and manufactured by Hively Manufacturing, Roann, Ind.

"Some of the current planter models on the market have loading augers but they are often inflexible. You have to move the planter to get into loading position. With our model, you just maneuver the loader arm," explains Lawrence Hively, president.

Although the entire auger housing is plastic, the auger flighting is metal. A prototype has been in use for several years, without extreme signs of wear. Plastic makes the auger light-

weight and more resistant to corrosion from the fertilizer.

Hydraulic motors driving both the loading auger and the distribution auger across the hoppers are powered through a single valve off the tractor. Capacity is about 1,500 lbs. of fertilizer in four minutes.

The auger has so far been adapted to fit International's 800 planter, 6 and 8-row; the Allis Chalmers 330, 6 and 8 row; and the Deere 7000, 6 and 8 row. Units may adapt to other planters with slight alterations if the planter markers are moved behind the fertilizer boxes to allow the auger to swing around without interference.

Price of the loading auger is about \$817. The loading and distribution auger sell together for about \$1,700.

For more information, contact: FARM SHOW Followup, Hively Manufacturing Co., P.O. Box 237, Roann, Ind. 46974 (ph 317 833-2851).