

New Products From Europe

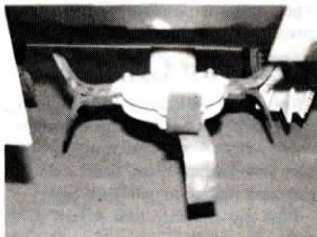
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"Blade Shredder" Uses Less Horsepower

German farmer Franz Jetzinger says his new crop shredder uses less horsepower to shred more crop than conventional flail shredders.

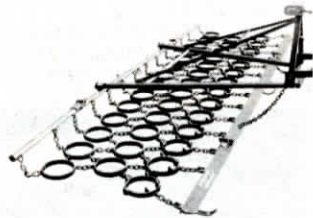
Jetzinger's shredder uses horizontally-mounted blades. The 8 L-shaped blades per cutting wheel slice the crop against adjustable shear plates. "The design requires far less horsepower than conventional flails because the blades slice through crop material rather than busting it up. This machine also handles a larger volume of material so you can run the combine higher when harvesting and shred the taller crop residue with this machine," Jetzinger told FARM SHOW. The lightweight (1,200 lbs.), 10-ft. wide machine mounts on front or back of tractor. The pto drive can be switched from front to back in minutes without tools. The swinging blades on the 9 cutting wheels can be adjusted into four different position to adapt to the crop and the length of cut desired. Cutters are chain-driven. The self-



tightening drive chains can be easily accessed under a top-opening hood.

Because the new shredder requires only about a 50-hp. tractor, it can be used together with other equipment pulled on the rear. Jetzinger says he mounts the shredder on the front of his tractor and pulls either a disk or a no-till planter on rear.

The new shredder sells for about \$4,000. Contact: FARM SHOW Followup, Franz Jetzinger, A-3364, Neuhofen, Schindau 31, West Germany (ph 07475 2721).



Ring Harrow

Latest new harrow design is this "ring harrow", a series of metal rings held together by short lengths of chain.

Inventor Georg Schweiger says the harrow works especially well in badly clodded soil. The first row of 9-in. dia. rings on the harrow is fitted with cutter teeth that tear through the biggest clods and dig them out for smoothing by the following rings. Clods pass under and through the heavy metal rings which work back and forth as they move through the field. The harrow folds up behind tractor for transport.

The ring harrow's available in widths from 7 to 13 ft. with rings ranging in price from about \$650 to \$1,100.

Contact: FARM SHOW Followup, Georg Schweiger, Landwirtschaftliche Geräte, Post Glonn, 8019 Baiern-Geuerreit, West Germany, (ph 0 8065 208).



Rubber Pack Wheels

Amazonen-Werke uses deflated rubber tires mounted on specially constructed hubs to pack the ground before seeding.

The rubber tires, mounted in-line on a single steel cylinder hub, also drive the drill. "We get less slippage with rubber drive tires resulting in more accurate seeding. And they do a better job packing due to the unique design of the wheel," says company representative Reinhold Schirmbeck.

Two curved metal rims support the outer edges of each deflated tire. As the tire presses down into the soil, it leaves a hump of loose soil at center with two packed furrows on each side. The drill plants into the furrows and then the loose soil is pulled down over the seed.

Contact: FARM SHOW Followup, Amazonen-Werke GmbH., P.O. Box 51, D-4507 Hasbergen-Gaste, West Germany (ph 05405 501 0).



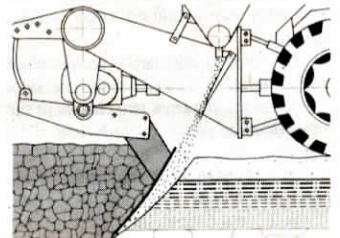
"Paddle Plow" Digs Up Fields Like A Shovel

You've never seen anything like this giant "paddle plow" that digs down to 3 ft. with big shovel-like shanks at a rate of 140 rpm.

The four big 6-in. wide shovels - on a 9 ft. wide machine - attach to an offset rotating shaft. They dig into the soil in the opposite direction of travel. As each shovel comes up out of the ground it moves forward toward the tractor and then as it goes down into the ground, it moves back away from the tractor, lifting dirt up and out.

"Because the digging motion of the shanks is in the direction of travel, this machine requires much less power to operate than other deep digging machines," says manufacturer F. Peter Reis, noting that the 9-ft. wide machine requires just a 100 hp. tractor with a 1,000 rpm pto.

The shanks dig fast at speeds up to 140 rpm's. Although they can be set to work to any level, maximum depth is 3 ft. Each



shovel is spring-loaded to bounce over rocks. Dry fertilizer can be applied. Fertilizer is dropped into the ground behind each shank.

The machine sells for \$21,000. The company is looking for a U.S. distributor.

Contact: FARM SHOW Followup, F. Peter Reis, Odenwald Werke, Rittersbach, D-6957 Elztal, West Germany (ph 062933 73 218).

Old Tire Rake "Sweeps"

Hay, Manure, Leaves, Snow, Etc.

That old tire rake we first told you about 1 1/2 years ago (Vol. 10, No. 5) has caught on fast throughout Europe.

The tire rake consists of half-round truck tires, mounted on free-spinning metal discs. Tire diameter, and the number of wheels per rake, vary.

A German manufacturer, Stock Fordertechnik, promotes the rake not only for hay - which is what it was originally developed for - but also to clean manure from feedlots (it acts like a squee-gee), to move snow, to rake leaves, move dirt or stones, and to do just about any job a conventional rake or blade could perform. Tires turn when in contact with the ground. Angle of attack can be adjusted to speed up or slow down rotation. Can be used on any surface with no damage and there are no parts in contact with the ground that can break off. When the tires wear, they can be easily replaced.

Contact: FARM SHOW Followup, Rubbermat, Stock Fordertechnik, Postfach 1429, 5276 Wiehl 1, West Germany (ph 02261 53121).

