

"AS SIMPLE AS A GARAGE DOOR OPENER"

Remote Shut-Down For Tractors, Combines, Etc.

"It instantly shuts down, or restarts, any piece of equipment from up to 50 ft. away," says Douglas Wiley, representative of Sidwell Development, Ltd., manufacturer of a new remote control shut-down device for tractors, combines, augers, feeders and virtually any other equipment.

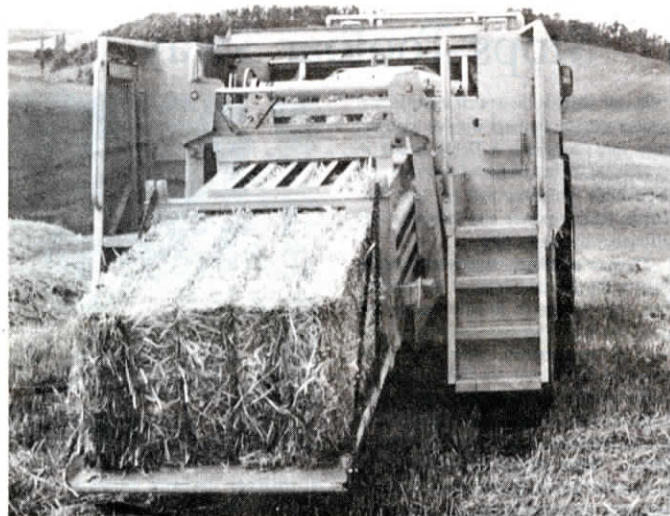
The device consists of two parts — a transmitter that's about the size of a deck of playing cards, and a receiver that's about the size of a paperback book. When mounted on a tractor, the receiver controls either an ignition shut-off or a valve in the fuel line, depending on the tractor. The operator carries the transmitter in a shirt pocket or on his belt. Any time he presses the transmitter bar on the unit, from up to 50 ft. away, the receiver shuts down the tractor. A voice-activated model is also available that will filter out background

noise and react only to a human voice.

Wiley says one benefit of the shut-off is for safety. But there are other uses as well. "You can use it to turn a tractor off when filling silo or powering an auger without continually climbing back on the machine. If the tractor is easy starting, you can also use the transmitter to turn it back on again. The transmitter can also be used to control any electric motor. Some farmers have expressed an interest in using it to control feed systems or other equipment. It's literally as easy to use as a garage door opener."

Sidwell Development plans to go into production in July or August. The shut-off system sells for \$389.

For more information, contact: FARM SHOW Followup, Sidwell Development, Rt. 1, Solon, Iowa 52333 (ph 319 644-2529 or 319 393-4530).



Bales produced by the new D-1000 are reportedly 15 to 20% denser than conventional big square balers.

MAKES DENSE 2 BY 3 BY 8-FT. BALES

New Holland Set To Launch New Square Baler

Ford-New Holland will introduce a new mid-sized square baler at farm shows around the country this fall.

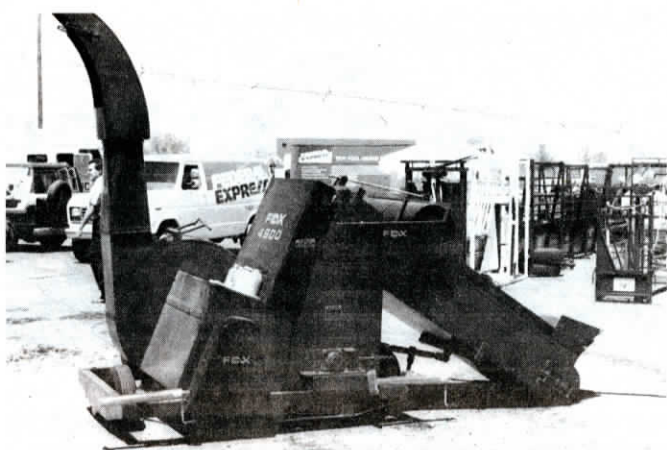
The new D-1000 high density baler, which is already a big hit in Europe, produces 2 by 3-ft. bales, 8 to 10 ft. long. According to Dick Salisbury, New Holland product manager of square balers, the D-1000 produces bales that are 15 to 20% more dense than those produced by New Holland's or Hesston's conventional big square balers.

Key to success of the new baler's high-density packing ability is its unique rotary feeder system, located beneath the plunger. The high-speed rotary feeder packs four loads of hay or straw into the bale chamber between each stroke of the plunger which results in a bale made up of individual wafers that can be handled easily with a pitchfork. The plunger compresses the crop at 46 strokes per minute,

traveling over a relatively short stroke length of just 21 in. for better power efficiency, reduced maintenance and quick handling of heavy crops. Baler also features a new specially designed high-capacity pickup that's 6 ft., 7 in. wide. Requires a minimum 90 hp. tractor.

The resulting large, flat bales can be more easily handled than big 4 by 8-ft. bales. They also stack better on wagons since they can be easily interlocked. New Holland introduced the baler first in Europe because both forage harvesting and straw baling are big commercial businesses there as compared to the U.S. The baler will be available on a limited basis in the U.S. this fall.

For more information, contact: FARM SHOW Followup, R.J. Salisbury, Ford-New Holland, 500 Diller Ave., New Holland, Penn. 17557 (ph 717 354-1121).



New machine, which eliminates the need for a hammermill, has sufficient blower capacity to fill 90-ft. silos.

"TEN TIMES FASTER THAN A ROLLER MILL OR TUB GRINDER"

New Kernel Cracker For Grain, Silage

That high speed "kernel cracker" for corn and silage, invented by Clarence and Frank Sageman, Bad Axe, Mich., we told you about in FARM SHOW two years ago (Vol. 9, No. 3) is now being produced commercially by the Fox-Brady Division of Hiniker, Mankato, Minn..

"Our new 4800 Particulator cracks corn up to 10 times faster than a roller mill or tub grinder. It'll process a ton of shelled corn per minute and also works great for processing silage, haylage, ear corn and other grains," says Jon Cederholm, product manager.

Key to the new machine is a 30-in. wide rotating cylinder, similar to that on a combine. It has 150 spikes which carry material through rows of removable concaves. You can add up to four rows for the finest cut. Cederholm notes that running silage through the machine breaks up cobs and

kernels, making them more nutritionally available to livestock, but doesn't change the length of cut.

Material is fed into the machine by a 30-in. wide elevator. A leveling auger fits across the conveyor to ensure an even flow of crop into the machine.

Cederholm notes that the new machine eliminates the need for hammermills which require a lot of horsepower, create a lot of fines, have low capacity, and, have many components that wear out.

Hiniker offers the 4800 Particulator with a 40-in. dia. blower that enables you to fill 90-ft. silos. It can be run off a 540 or 1,000 rpm pto and needs a 90-hp. or larger tractor for power. Sells for \$7,500.

For more information, contact: FARM SHOW Followup, Hiniker, Fox-Brady Div., Mankato, Minn. 56002 (507 625-6621).

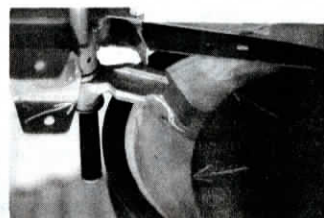
Rebuilt Arm Makes Planters "Like New"

"It's an inexpensive way to make your planter like new again. By rebuilding the arm that holds the gauge wheel against the row opening coulters, you save the cost of replacing the row unit, arm, packing wheels and main frame," says Lavern Schmidt, owner of Montezuma Welding & Mfg., who rebuilds the arms for Deere Max Emerge and Kinze planters.

"Just replacing the gauge wheels would cost \$40, and to replace the depth gauge arm and related parts would run about \$256. We rebuild the arm with the eccentric bushing and shims for only \$48 per row unit," Schmidt points out.

The problem is that the gauge wheel wears so it no longer sits flush with the row opening coulters. As the shaft on which the arm attaches wears, there's additional 'play' on the wheel. To solve this, Schmidt mills the part of the arm that slips over the shaft to a 1 1/4-in. dia. and inserts an eccentric bushing.

When reinstalling the arm, you insert 1 1/4-in. shims between the arm and the row unit frame (see photo). When the wheel



Rebuilt arm with eccentric bushings and shims sells for \$48 per row.

wears down, you can remove a shim, and as the eccentric bushing wears, you turn it to move the gauge wheel against the opening coulters. The bushing, which the arm now rides on, locks in position with the shaft end bolt and heavy washer.

Schmidt will rebuild arms that you send in, or exchange them for previously rebuilt arms.

For more information, contact: FARM SHOW Followup, Montezuma Welding & Mfg., P.O. Box 234, Montezuma, Kan. 67867-0234 (ph 316 846-2482 or 2933).