



Cart lets you rake with a smaller tractor and allows the rake to more closely follow the ground contour, and also eliminates fishtailing around corners.

## CONVERTS 3-PT. MODELS TO PULL-TYPE

# New Pull-Cart Puts V-Rake On Wheels

A new two-wheel "V-rake" cart converts your 3-pt. mounted V-rake to a pull-type model that is designed to rake cleaner, make better windrows around corners, and be pulled by a small tractor or pickup. Inventor John Bender, Kalona, Iowa, says farmers who use V-rakes to make big round bales will like this cart. "A 3-pt. mounted V-rake is the cheapest rake you can buy. But it works much better when it's on wheels. The rake is heavy and extends far behind the tractor so it must be pulled by a fairly big tractor equipped with a 3-pt. hitch. However, many farmers would rather use their big tractor to pull their baler, forage chopper, or wagon. Also, a 3-pt. mounted V-rake fishtails around corners, making windrows that are hard for the baler to follow.

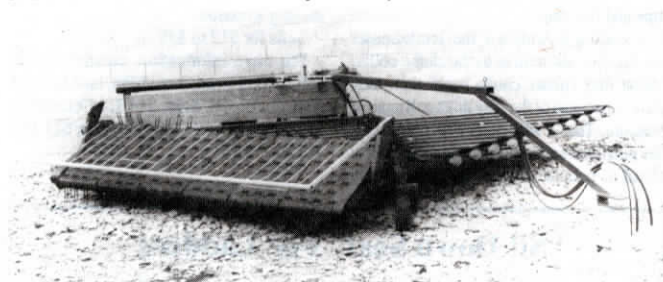
"My cart lets you pull your V-rake with a smaller tractor that doesn't have a 3-pt.

hitch. The wheels allow the rake to more closely follow the ground contour and they eliminate fishtailing around corners, leaving nice round windrows that are easy for the baler or chopper to follow. The wheels reduce wear and tear on the rake by keeping it from gouging into the ground. And during winter storage they keep the rake off the ground."

The cart's frame consists of a 4-in. dia. tongue extending to a hinged axle, with two arms extending from there to the wheels. A hydraulic cylinder mounted on the tongue pushes the axle upward to lift the rake over the ground.

Sells for \$700 to \$750.

For more information, contact: FARM SHOW Followup, Kalona Machine Shop, RR 3, Kalona, Iowa 52247 (ph 319 656-2008).



New inverter is unique in that it can pick up an entire swath of hay and flip it over, still in a spread-out swath. By changing the configuration, it can also flip windrows.

## CHANGES CONFIGURATIONS

# New-Style Hay Inverter Flips Windrows, Swaths

New offset-mounted hay inverter can be used four different ways to flip hay for drying by simply changing the angle of the pickup. It's also unique in that it can be used to pick up an entire swath of hay and flip it upside down, still in a spread-out swath.

The four ways the inverter can be used include: turning a swath upside down, flipping a single windrow, picking up two windrows and combining them into one, and windrowing a single swath of hay.

"You don't drive over the hay while turning it because of the offset hitch, elimi-

nating damage from the tractor wheels. By simply making an angle adjustment of the wheels on the unit, you can change the position of the pickup and drop off table," says manufacturer Lawrence Pyle. The tongue of the unit pivots to the front of the unit for tow-behind transport.

Sells for \$6,900.

For more information, contact: FARM SHOW Followup, Pyle Machine & Mfg., Rt. 1, Box 58, Somerset, Penn. 15501 (ph 814 443-3171).



It takes about three passes to dig a 3-ft. deep, 3-ft. wide furrow with the tilt blade.

## GREAT WAY TO DIG OR CLEAN OUT DITCHES

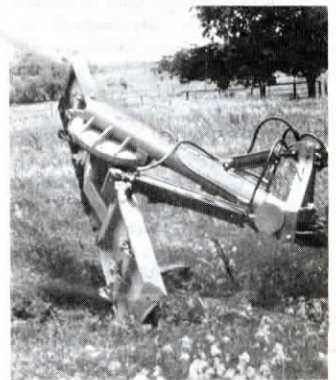
# First-Of-Its-Kind "Tilt Up" 3-Pt. Blade

"You've never seen a 3-pt. mounted utility blade that can do so many jobs," says Oklahoman Vernon "Buck" Buchanan, of Pawnee, who says his new patented hydraulically-powered "tilt blade" can be used to shape roads, driveways, gullies, and even terraces and pond dams.

"This blade offers more blade positions, ground clearance, and earth moving capacity than any other 3-pt. blade on the market," says Buchanan, a farmer and contractor who originally designed the patent pending blade to build oilfield roads. "Farmers can't believe the quality and quantity of work it does. The exclusive top link feature lets you lift the blade 30 in. high, making room for a 28-in. high blade that moves more dirt than standard 18-in. high blades. It lets you tilt the blade at a steep vertical angle that's handy for reshaping the sides of pond dams, terraces, gullies, etc. as well as for digging ditches. The blade can be pivoted 45° from side to side and by retracting a cylinder you can use it to push dirt and cut at an angle while you drive in reverse."

A 4-in. cylinder mounted crossways behind the 3-pt. hitch tilts the blade up or down for digging ditches. The other three cylinders, which raise the blade and move either side forward or back, rotate with the blade's large, cylindrical support boom when the blade tilts.

"You can almost stand the blade up on its end. When the blade is in this position you can ridge dirt at steep angles. I've used the blade to slope and reshape gullies 5 ft. deep and 10 ft. wide, and to rechannel quarter mile long terraces in three hours. You can also dig deep, narrow ditches for gas or water lines or irrigation furrows. It takes about three passes to dig a 3-ft. deep, 3 ft. wide furrow," says Buchanan.



Two 4 by 30-in. cylinders tilt the blade forward and back and a 4-in. cylinder mounted crossways behind the 3-pt. hitch (not shown in photo) tilts the sides of the blade up and down.

"By retracting a cylinder, you can cut and push dirt while driving backward. This works great for building diversion terraces, spillways or pond dams where you don't have enough room to pull dirt," says Buchanan. "The blade's extra ground clearance lets you push dirt up to a pond dam or terrace without digging the blade too far into the dirt."

The blade, available in widths of 8 and 12 ft., requires three hydraulic outlets. A diverter or splitter valve is provided for tractors equipped with dual hydraulic outlets.

The 8-ft. model sells for \$3,200 and the 12-ft. model sells for \$3,770.

For more information, contact: FARM SHOW Followup, Vernon Buchanan, Buck Built Blades, Rt. 3, Box 145, Pawnee, Okla. 74058 (ph 918 762-3421).

# Low Rpm Shaft Monitor

"We've had a lot of requests for a slow speed shaft monitor for shafts that turn at less than 100 rpm's," says Ralph Sweany, manufacturer of the "no electronics" stoppage monitor for high-speed shafts on combines and other equipment that lets you know in the cab when a monitored shaft stops turning, helping to avoid more serious breakdowns.

Sweany recently introduced a new slow speed monitor which consists of a sensor unit and 1 to 4 magnets which attach to the shaft. The sensor is mounted so that the magnets on the shaft pass within about 1/4 in. For shaft speeds of 5 to 29 rpm's you use 4 magnets, for speeds of 30 to 59 rpm's use 2 magnets and for speeds of 60 to 100 rpm's

use 1 magnet. The magnets attach with a silicone adhesive.

As each magnet passes the sensor, it completes a circuit that activates a red blinker light in the cab. The light blinks about 60 times a minute. If the shaft stops turning, the light stops blinking.

"We've had tremendous interest for use on grain drills and we tested the monitor extensively on drills in Kansas last summer with no problems. Dust or dirt do not affect operation," says Sweany, who sells the slow speed monitor kit for \$30.

Contact: FARM SHOW Followup, Sweany Monitors, Rt. 2, Box 616, Crothersville, Ind. 47229.