

"MORE ACCURATE THAN ANY OTHER DRILL ON THE MARKET"

## New No-Till Drill Has Vacuum Metering System

"It's more accurate than any other drill on the market. It can even be used to plant corn," says Dave Benson, Krause Corp., about the company's new 5500 series "Pro-Air" grain drills equipped with individual vacuum metering cups on each row.

Seed gravity flows from the hopper into the vacuum metering units, where vacuum pressure holds individual seeds firmly in place inside holes on a disc until the disc approaches the seed tube. Different size discs are available for soybeans, corn, grain sorghum, and small grains.

The drill is available in 7 1/2 or 10-in. row spacing. Wider rows can be set up by blocking off openers.

"It's the only grain drill on the market that can singulate seeds," says Benson. "Our vacuum metering system is similar to ones used on planters except that ours are smaller. All the vacuum metering cups are connected to a common driveshaft with no need for a separate electric drive system which keeps the cost down.

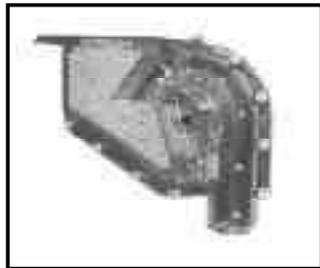
"One advantage is that when you plant soybeans you don't have to change seed cups whenever you switch from small to large seed. It takes about a half hour to change seed discs on a 15-ft. drill."

Benson notes that although the unit is designed to handle corn, seed must drop twice as far so there's more seed bounce, which results in somewhat less exact spacing in the row. However, he says it plants accurately enough that farmers who don't plant a lot of corn don't need a separate planter.

"It costs only about \$2,000 more than our standard 5250 no-till grain drill equipped with fluted seed cups. A 15-ft. model on 7



Krause drill is equipped with individual vacuum metering cups on each row.



1/2-in. row spacings sells for \$27,849 compared to \$25,933 for the 5250 model."

Contact: FARM SHOW Followup, Krause Corp., 305 South Monroe, Box 2707, Hutchinson, Kan. 67504 (ph 316 663-6161).

## Easy-To-Use Back-Up Alarm

A high percentage of on-farm accidents occurs when big equipment suddenly backs up. Here's an easy-to-install back-up alarm that simply attaches to right rear wheel hub of virtually any farm equipment.

There are no wires to hook up on the all-mechanical 8-in. dia. alarm. It works automatically, thanks to four gravity-activated hammers inside the housing. The alarm clangs at 101 decibels every quarter turn of the wheel.

Sells for \$57.

Contact: FARM SHOW Followup, Indus-



Tool, 300 North Elizabeth, Chicago, Ill. 60607 (to order, ph 800 662-5021; for info, call 312 226-2473; fax 2480).

## "Mag Flags" Great For Oversize Loads

New magnetic red mesh flag sticks to the side of trucks or trailers to mark the wide points of an oversize load, says Colby Canvas Co., Colby, Kan.

The 18-in. sq. flag mounts on a spring-steel "whip" connected to a 3-in. dia. magnet. The base of the whip is equipped with a 1-ft. long coil spring which allows the flag to "give" in the wind and also to flex up to 90 degrees if it hits an object such as the side of a narrow bridge. The flag is made from durable polyester mesh that wears much better than fabric.

Sells for \$9.95 apiece (\$8.95 apiece when you order 12 or more).

Contact: FARM SHOW Followup, Colby Canvas Co., 285 East Third, P. O. Box



Red mesh flag measures 18 in. sq. and mounts on a spring-steel "whip" connected to a 3-in. dia. magnet.

793, Colby, Kansas 67701 (ph 913 462-3981).

BARGAIN-PRICED RIG

## "No Power" Backhoe Fits Any Skid Steer

"We field-tested it for four years so we know how well it works," says Randy Lackender of Lackender Fabrications, about his new Skid-Digger backhoe that fits on any skid steer loader and requires no auxiliary hydraulics.

The Skid-Digger simply bolts in place of the bucket. The angle of the backhoe is set with a pin. "Over 90 percent of digging is done in one position. To change the angle for straightening a back wall or to dig deeper, you just pull a pin and shorten the linkage," says Lackender.

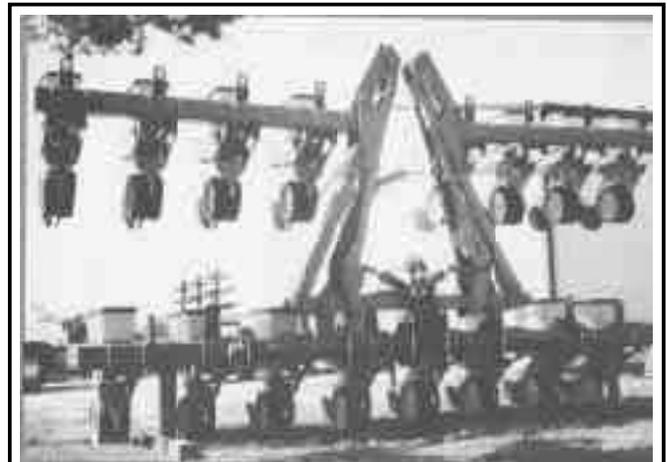
If you have auxiliary hydraulics on your skid steer, you can use a regular 8-in. stroke cylinder on the bucket.

Sells for \$684 with a 15-in. bucket and \$654 with an 8-in. bucket. You can buy an extra 15-in. (\$154) or 8-in. (\$124) bucket. Buckets have a hardened steel cutting edge. Optional teeth are also available for \$100.

Contact: FARM SHOW Followup, Randy Lackender, Lackender Fabrications, 4645 Naples Avenue S.W., Iowa City, Iowa 52240 (ph 319 351-4415).



The Skid-Digger bolts in place of the bucket. The angle of the backhoe is set with a pin.



## Stacking Toolbar Handles Narrow Rows

"There was a lot of interest in our new stacking toolbar at the recent FarmFest show near Redwood Falls, Minn.," says Henry Nuxoll, Nuxoll Sales, about his 3-pt. stacking toolbar for planters and cultivators that'll handle even the narrowest row widths.

The Moore-built stacking toolbar is available in widths from 20 to 60 ft.

"Deere, Kinze, and other big-time planter manufacturers aren't addressing the need for planters that can be economically converted to narrow rows," says Nuxoll. "A lot of farmers with pull-type toolbar planters want to convert to narrow rows. By using our toolbar they can use the row units they already have. On our biggest 60-ft. toolbar you can mount 36 15-in. row units.

"Our toolbar has a pair of bars - a 5 by 7-in. followed by a 7 by 7-in. - so you can mount row units in a number of different row configurations along with row clean-

ers, fertilizer, and other planter attachments. You can set up row spacings of 15, 20, 22, 30, 36, 38, or 40 in. on our toolbar, and we can custom design any row spacing in between.

"The bar's floating parallel linkage system allows the unit to float on uneven terrain. It's built with extra heavy-duty lift arms and hydraulic cylinders to handle the extra weight. Planter units remain upright when folding so you never have to empty seed boxes for transport."

"The toolbar comes standard with two-stage markers operated by a single remote hydraulic outlet on the tractor. The unit comes with a two-year warranty. A 20-ft. toolbar sells for \$10,000 while a 45-ft. model sells for \$17,500. Lift assist drives and other options are available."

Contact: FARM SHOW Followup, Nuxoll Sales, 2nd Chance Ranch, HCR 68, Box 19, Comstock, Neb. 68828 (ph 308 628-4369).