

Motorized wheel will walk through mud or snow, and easily climbs over obstacles, says inventor.

## RADIO-CONTROLLED DRIVE WHEEL ATTACHES TO ANY SWING GATE

# New "Robot Wheel" Automatic Gate Opener

"It totally automates opening and closing of any swing gate up to 30 ft. wide," says Mark Kuss, inventor of the revolutionary "robot wheel" opener.

It's radio-controlled and consists of a 13-in. auto tire and rim driven by a sealed heavy-duty, 12-V powered electric motor. The wheel assembly, including a deep-cycle 12-V battery, simply bolts to any swing gate up to 30 ft. wide and weighing up to 2,000 lbs. There's no need to make a special track for the opener and nothing else to install. It has a positive cam lock that prohibits forced entry and can be opened with a garage door-type opener from the cab of your tractor or pickup.

"The toughest part was developing a drive motor tough enough to work under all conditions. This motor will walk through deep mud or snow and it'll climb right over a cement block or other obstacle. It's completely

sealed to withstand even the worst conditions," Kuss told FARM SHOW, noting that he got the idea for the gate opener from his wife, who hated to get out of the pickup to open the gate.

The opener will open and close about 1,000 times on a full charge. It can be fitted with a trickle charger, if power is available, or a solar-powered panel can be installed to keep the battery fully charged indefinitely. However, Kuss says the battery lifts out easily for recharging. "On the average farm, it only has to be recharged 3 times a year," he notes.

The automatic opener costs \$450 and is shipped without a tire. "Most farmers can find their own 13-in. tire for less than we can ship one," Kuss says.

For more information, contact: FARM SHOW Followup, JIMARK, Inc., Rt. 2, Box 353H, Lowell, Ark. 72745 (ph 501 521-1373).

## HELPS "FLAG DOWN" PASSING MOTORISTS

# Safety Flag For Wide Equipment

"Equipment keeps getting wider and we needed a way to make it more visible and safer to transport down the road," says Al Stoutenburg, Sandusky, Mich., who solved the problem by coming up with a new stow-away orange flag that can be used on any wide farm equipment.

The flag stows in a small tube that clamps to the outer edge of equipment. When traveling down the road, the operator simply pulls it out of the tube and mounts it in a small metal flag holder, also mounted at the edge of the equipment. The large, 12 by 14-in. orange banner alerts motorists to the danger of the protruding equipment.

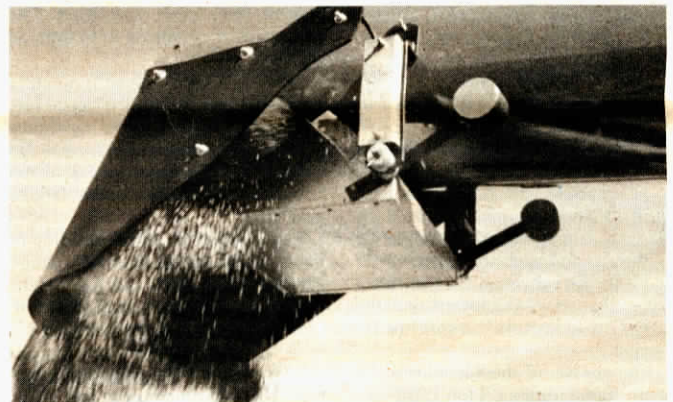
"I don't feel slow moving vehicle signs at the rear of the tractor offer enough warning when equipment sticks out from the side of the tractor. It's almost impossible to miss this flag, however," says Stoutenburg, noting that once equipment is off the

road, the flag simply rolls up and stows back inside the tube.

Leland Schultz, extension safety specialist at the University of Minnesota, told FARM SHOW that he thinks the safety flag idea is a good one, provided other safety precautions are also observed. "Standard safety recommendations call for flashing warning lights on the tractor and reflectors front and back. When hauling wide machinery, there should be a warning vehicle in front of the tractor and one in back and both should have their flashing warning lights on."

Stoutenburg sells the See-It Safety Flag kit for \$14 plus shipping, including all mounting attachments.

For more information, contact: FARM SHOW Followup, Al Stoutenburg, Stoutenburg Farms, 275 South Banner Road, Sandusky, Mich. 48471 (ph 313 648-2376 or 648-3253).



Grain Saver automatically closes to prevent spilled grain when the auger stops.

## FITS ON COMBINE'S UNLOADING AUGER

# New "Grain Saver" Cuts Harvest Losses

If you own a Deere, International, Massey or White combine with a horizontal unloading auger, you'll be interested in the Grain-Saver, a handy new device which prevents spilled grain when unloading into trucks or wagons.

The Grain-Saver, which fits onto the end of the unloading auger, automatically opens when the auger is engaged, and closes when disengaged — even when the auger tube is full of grain.

"It catches and saves the quart or two of grain that normally falls to the ground during each unloading of the combine's grain tank," notes Marilyn

Suttleworth, of S and S Distributing, Geneseo, Kan.

Weights 20 lbs. and fits the following models:

Deere 4400, 6600, 7700, 4420, 6620, 7720, 8820; International — 715, 815, 915, 1420, 1440, 1460, 1480 and 1842; Massey Ferguson — 410, 510, 750, 760, 850, 860; White — 8800.

Suggested retail is \$119.

For more information, contact: FARM SHOW Followup, S and S Distributors, Rt. 1, Box 79, Geneseo, Kan. 67444 (ph 316 824-6452).



Flag slips into metal holder at outer edge of wide equipment.