Corn reels mount on combines with quick attach heads. Reel pictured is manufactured by Glen Rittenhouse and Associates, Petersburg, Ill.

"SHOULD BE MADE STANDARD EQUIPMENT ON NEW COMBINES"

Corn Reel Helps Prevent Plugging

"Some of our customers tell us this corn-saving attachment should be standard equipment on new combines," says Glenn Rittenhouse, president of Rittenhouse and Associates, Petersburg, Ill., distributor of the new Meteer corn head reel which prevents plugging when harvesting downed corn.

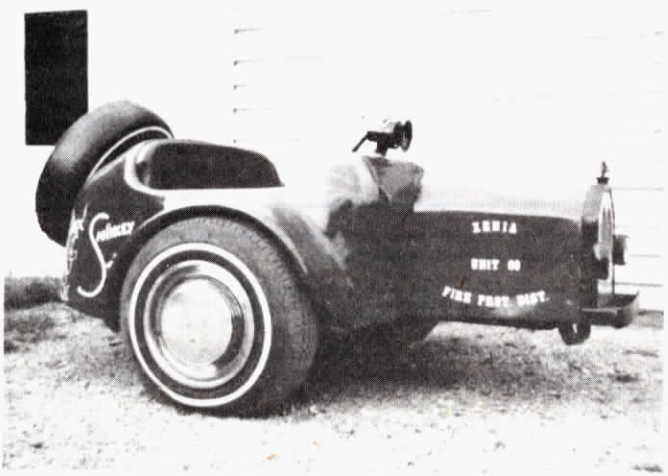
"The reel mounts on combines with quick attaching heads," Rittenhouse explains. "The arms on the reel don't actually pick up the down corn but travel slightly faster than the combine ground speed to help feed down corn into the head. Properly installed, the arms should just clear the crown of the row dividers.

"To install, you weld or bolt the 2 support bars (for 4 or 6 row heads) to the header frame. The reel is driven either by the combine's hydraulic orbital motor or, on some combines (Gleaner, Massey Ferguson and New Holland) the reel is mechanically driven off the counter shaft on the head.

"There is one arm above each divider, plus one arm on each of the outside row dividers to prevent plugging there. With the curved shape of the reel arms, wrapping isn't a problem and you can leave the reel on in good standing corn without causing any problems.

Price for a 4 row reel kit is $525, $711 for a 6 row, and $1,021 for an 8 row reel kit.

For more information, contact: FARM SHOW Followup, Glenn Rittenhouse, Rittenhouse & Associates, Rfd. 1, Petersburg, Ill. 62675 (ph 217 632-7450).



Plans are available to build this 2-wheeled car, which mystifies car buffs and mechanics.

"SAVED THE CROP" FOR SOME IOWA FARMERS

"Spoke Reel" Helps Salvage Down Corn

"It saved the crop for some corn farmers who had entire fields of bent-over or lodged stalks," says Gary Kelderman, designer-manufacturer of the Spoke Reel for picking up down corn.

Kelderman, president of Kelderman Mfg., Oskaloosa, Iowa, came up with the invention in mid-November to help area corn farmers harvest the problem crop. "The down corn would bunch up in front of the header snouts, knocking off ears and causing all sorts of plugging problems. With the reel, farmers told us they were able to travel 2½ to 3 mph in the down corn, salvaging virtually the entire crop," Kelderman told FARM SHOW.

The Spoke Reel fits any size header up to 12 row narrow. There are two spoke wheels per row — a right and a left wheel, both of which work together to "sweep" each row. The spokes in row one are positioned 90° from row two and so on across the header to provide a continual sweeping action which keeps the snouts and sheet metal clear of any stalks, weeds or other debris. One end of the reel extends beyond the divider to keep it "swept" clean.

Individual spokes are made of 1 in. square hollow tubing. "Each spoke has 3 different bends in it so as to come into the row from a 15° angle, allowing it to pick up down stalks without knocking over any standing stalks. The reel's large diameter (slightly over 8 ft.) provides maximum sweeping action on the low side," explains Kelderman.

On most Deere and IH combines, the Spoke Reel can be driven with the same hydraulic motor used for driving the soybean or small grain platform. Initial installation takes about 2 hours. Once installed, the reel can be put on or taken off in only 5 or 10 minutes, says Kelderman.

Sells for $200 to $250 per row, not including an optional hydraulic drive motor.

For more information, contact: FARM SHOW Followup, Kelderman Mfg., Hwy. 92 East, P.O. Box 273, Oskaloosa, Iowa 52577 (ph 515 673-4708).

APPEARS TO DEFY GRAVITY

Here's Another Two-Wheeled Car

If this is the first two-wheeled car you've ever seen and you can't figure out how it stays up, don't let it bother you. Most auto experts can't figure it out either — until they hear the secret.

Roy Moore, of Zenia, Ill., built his car after seeing the two-wheeled model built by Peter Schaltter, Francisville, Ind., which was first featured in FARM SHOW four years ago. Once built, Moore's car became an honorary fire fighting vehicle at the Xenia fire department and is a permanent fixture at the station.

Moore's two-wheeled "roadster" mystifies mechanics and car buffs, who say such a car is impossible, even as they watch it chug along at its top speed of 4 to 5 mph at shows and parades. Moore doesn't always explain the car to bystanders but, when he does reveal the secret, here's what he tells them:

"What appear to be two soft radial tires are really just shells for two small support wheels," he says. "The hidden wheels are 13-in. apart in each tire. The car is driven by hydraulic motors."

Engine weight in front of the car is balanced by the driver in the rear, but most of the weight is concentrated over the wheels for balance. The car performs well as long as its on a smooth, hard, level surface.

Moore built the fiberglass body of the car by making a chicken wire mold and fiberglassing it. The car has an 18 hp. 2-cyl. engine and there is a hydraulic motor on each wheel. All in all, he spent about $1,200 to build it over a period of about 2 years.

The car carries two passengers and has a siren. It gets used mostly in parades and other special events in Xenia and neighboring communities.

Pete Schlatter, of Francisville, Ind., offers plans for the car for $75, or will sell complete cars to interested buyers for prices ranging from $4,998 to $5,750. He also makes parts available for building your own.

For more information, contact: FARM SHOW Followup, Alfred "Pete" Schlatter, Box 548, Francisville, Ind. 47946 (ph 219 567-9158).