



System utilizes the combine's existing spreaders and mechanical drives.

## Chaff And Straw Spreader For Case-IH Combines

"It's the simplest and easiest way to spread both chaff and straw because it uses only the existing mechanical drives on the combine - no additional hydraulics, belts or chains are needed," says Trevor Jubenville, Stewart Steel, Weyburn, Sask., about his company's new chaff and straw spreader designed for Case-IH Axial-Flow combines.

"The spreaders on these combines handle the straw, leaving chaff in a windrow that can cause crop growth problems the following year. Other companies make hydraulic-driven add-on spreaders. However, the hydraulic systems on these combines often don't have enough power to do the job. Our system solves the problem by utilizing the combine's existing spreaders and mechanical drives," says Jubenville. "It spreads both chaff and straw up to 36 ft."

The company lengthens the existing hex shafts that drive the combine's spreaders to get the add-on unit low enough to capture chaff coming off the sieves. A pair of rectangular plastic deflector guides - one located just behind the combine's rear axle and the other just behind the spreaders - guide the material to both sides. An add-on spreader bar mounts above each spreader to keep chaff from being blown into the combine's engine area.

"The main frame of the spreader assembly bolts onto the combine's rear axle pivot beam. Farmers like the ease of installation,"



Existing hex shafts are lengthened so unit gets low enough to capture chaff.

notes Jubenville.

Available for all Case-IH rotary combines except the 20 series.

Sells for \$750 (U.S.).

Contact: FARM SHOW Followup, Stewart Steel Inc., Box 1087, Weyburn, Sask., Canada S4H 2L3 (ph 306 842-4411; fax 306 848-3519; in the U.S. contact Westward Products, Inc., Box 2062, 1312 21 Ave., NE Airport Road, Jamestown, N. Dak. 58402 (ph 701 251-2182; fax 800 682-2359).



Small chain holds large loads in bucket.

## Chain-Lock Bar For Loader Bucket

"I bolted a length of heavy angle iron to the top of my loader bucket and cut slots in the top edge to fit a small chain that I use to hold large loads in the bucket, such as oil barrels. I just set the bottom edge of the barrel on the bucket and wrap the chain around the barrel," says Kenneth Braun, Fort Wayne, Ind.

Braun also came up with a bucket-



Ball hitch lets bucket push trailers. Chains can be used to support hitch.

mounted ball hitch that lets him use the bucket to push trailers into buildings. The hitch slips onto the edge of the bucket and is held in place by two bolts.

Contact: FARM SHOW Followup, Kenneth Braun, Braun Custom Lathe & Milling, 8110 Wayne Trace, Fort Wayne, Ind. 46816 (ph 219 447-1282).



Two-stage auger system automatically dumps screenings into a big tractor bucket.

## Home-Built Auger Makes Bin Site Clean-Up Easy

By C.F. Marley

Last fall, Milton Ruppert built an auger system that automatically dumps grain screenings from his screen-type grain cleaner into an enlarged tractor bucket, making it easy to keep his bin sites clean.

"I'd been thinking about building something like this for years," says the Hillsboro, Ill., farmer. "In the past we had to do a lot of shoveling to get rid of all the screenings. We had one field of weedy beans where we got a bucket full of screenings and trash per truck load. We normally run the clean-up auger only every load or two but, in this case, we ran it all the time. It really saved us a lot of work."

The special-built auger consists of a two-stage 6-in. dia. auger and hopper that slides underneath Ruppert's grain screener.

Ruppert built a 7-ft. long, V-shaped trough out of 1/2-in. thick plywood to catch the screenings. A 6 in. dia. auger runs at the bottom of the "V". A 30-in. wide deflector shield built out of roofing tin mounts on one side to deflect screenings into the auger.

A 3-ft. length of 6 in. dia. auger carries screenings from the V-shaped trough into the tractor bucket. The two auger sections are



Powered by an orbit motor, the system is usually operated every load or two.

joined by a U-joint that joins the augers' 1 in. dia. shafts.

The system is driven at about 100 rpm's by a 1 hp orbit motor from an old International H tractor. The motor mounts at the end of the auger trough.

To increase holding capacity of his tractor bucket, Ruppert increased its depth to 16 in. by bolting 1/2-in. plywood to the front and sides.

Contact: FARM SHOW Followup, Milton Ruppert, 14329 Ill. Rt. 185, Hillsboro, Ill. 62049 (ph 217 534-2502).

## Gauge Wheel Arm Pivot Kit Now Works On Deere 1700 Planters

RK Products Inc. has adapted its gauge wheel arm pivot kit so it can be used on Deere 1700 planters. Now, this new line of Deere planters can be equipped with the most effective gauge wheel arm pivot kit on the market. To adapt the RKP kit to the Deere 1700 series, the original threaded pivot bushing and 16 mm bolt are replaced with an attaching stud and pivot shaft. A bushing adapts the threaded bore of the arm to the pivot shaft. In the RKP system, the load on the arm that causes the gauge wheel to pull away from the opener disk is supported by spring pressure on the end of the hub. The load between the threaded bore and the bushing is therefore very low and allows the bore to be used as a bearing

surface. Sells for \$49 per row, including the main kit and adapter parts.

RKP is also announcing that they have established a 10-year warranty period on their gauge wheel arm pivot kits. All parts requiring replacement due to wear or breakage are covered. Four years of customer experience in widely diverse conditions indicate that the 10-year warranty is well within the capability of this kit. This extended replacement warranty is in addition to their two-year money back satisfaction guarantee.

Contact: FARM SHOW Followup, RK Products Inc., 3802 Jean St., East Moline, Ill. 61244 (ph 800 580-6818 or 309 792-1927).

