



Old Baler Chops Wood

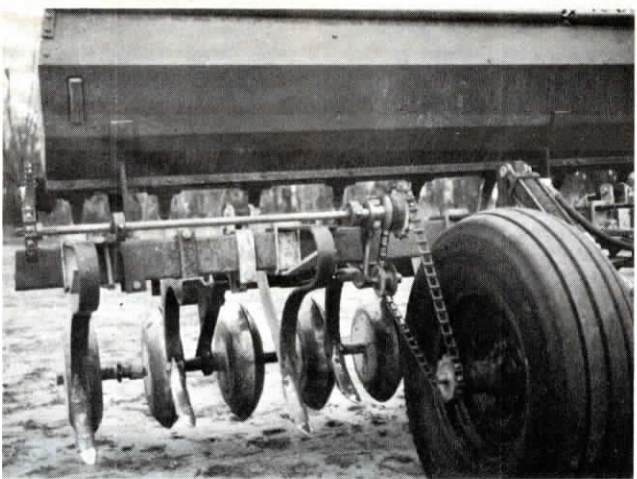
What used to be an International Harvester T-50 hay baler has been converted into a low cost wood chopper that requires very little horsepower and fuel to operate.

"It uses impact rather than a lot of power to do the splitting. Low horsepower and a low fuel requirement are its two outstanding features," says C. L. "Chris" Ahlschlager, Minneota, Minn., inventor.

Ahlschlager increased the diameter of the large drive wheel to 38 in. to get the proper operating speed of the push-pull plunger it drives. A 5 hp

engine drives the wheel.

Ahlschlager used plate steel and an axe blade to make the wedge at the end of the plunger which does the splitting. The "bumper" and cradle in which individual logs are placed for splitting accommodates logs up to 18 in. long and up to 16 in. in dia. The plunger moves back and forth in slow, continuous push-pull strokes. As it draws back to clear the cradle, a log is laid inside. The plunger splits it on the "push" stroke, then clears the cradle for the next log on the "pull" stroke.



Peterson Drive for Crustbuster Drills

Instead of driving their Crustbuster fold-type drill off the press wheels as it was designed, Harley Peterson and his son devised a way to drive it off the gauge wheels. It worked so well they had the idea patented and now have it in commercial production at Peterson Enterprises, Salina, Kan.

"Planting is consistent since there's no slippage regardless of ground conditions," explains Harley. The Peterson drive has a ball type clutch which is disengaged when lifting the drill out

of the ground. Planting rates can be varied by the use of various sprockets. There is one chain from the wheel to the drive, and one on the opposite end of the shaft to the drill box. There is one mechanism on each wing and a spider gear which runs the center box from the right drive.

For more details, contact: FARM SHOW Followup, Peterson Enterprises, Rt. 1, Salina Kan. 67401 (ph. 913 823-8887 or 827-4054).



Corn Planter Folds Forward

"I'm pleased to share Paul's invention with your FARM SHOW readers," reports Mrs. Paul Teeter, of Fairfield, Iowa. Her husband Paul was killed accidentally shortly after his fold-forward invention won a "farm gadget" award at last year's Iowa State Fair.

Starting with an 8-row (26 ft. wide) John Deere 7000 planter, Paul equipped it with home-made joints at each end. These joints allow the two outside row

planting units on each end to swing forward to a transport width of 14½ ft. The switch can be made in only 1.5 min.

A quick-release lever allows the joint to swing forward, or locks the frame into position for planting. The shaft which drives the planter also had to be joined at the pivot points.

"Paul used it to plant 1,000 acres of corn and beans a year ago last spring and had no difficulty," Mrs. Teeter reports.



Pickup "Hauler" Handles Hogs, Cattle or Grain

You can haul livestock or grain with a new all-purpose pickup box introduced by Hawes Mfg.

Especially designed for hauling hogs, sheep or calves, it's called the Hog Hauler. Its unique design eliminates stakes, permitting one universal model to be used on most pickups.

It's made from 16 ga. galvanized steel and features 7 vents (2 on each side, 2 on the front and 1 on the tailgate) which supply ample ventilation during livestock hauling. The vents come with slide-in covers which seal the box tight for hauling up to 125 bu. of grain. The cover raises up and moves forward 4 ft. to provide easy access to animals being transported. The unit can be purchased with or without divider pens which divide the box into



three pens. This option provides extra protection for individual animals being hauled to fairs, shows or to market.

For more details, contact: FARM SHOW Followup, Hawes Mfg., Beaver Creek, Minn. 56116 (ph. 507 673-2424).