



The A-frame runs down the middle of the hauler-feeder and raises up 16 in. to push bales off either side of wagon. The 20-ft. long rig handles five 4-ft. dia. bales per side.

2 CYLINDERS RAISE CENTER A-FRAME TO PUSH BALES OFF

Self-Unloading Big Bale Hauler, Feeder

"It works great and is about the simplest self-unload round bale trailer ever built," says Karl Palmer, inventor and manufacturer of a new bale-haul trailer that self-unloads and also doubles as a round bale feeder when fitted with removable sides.

Palmer, who runs a farm machinery repair business near Hamilton, N.Y., came up with the bale hauler for use on his brother's farm. It worked so well he decided to get a patent and put it on the market.

The bale hauler-feeder mounts on a standard wide-frame 4-wheel wagon gear. A sheet-metal A-frame runs down the middle. It's raised and lowered by two 3 by 16-in. cylinders mounted vertically underneath the A-frame, anchored to the trailer frame. Sides of the trailer tip inward toward the center A-frame so that bales stay in place when loaded onto the sides of the trailer.

Palmer sets bales onto the trailer from the rear, sliding all the bales ahead as each new bale is added. The 20-ft. long bale hauler handles five 4-ft. dia. bales per side (a total of 10), four 5-ft. dia. bales (total of 8), or three 6-ft. bales (total of 6).

To unload the 7 1/2-ft. wide bale hauler, you simply use hydraulics to raise up the

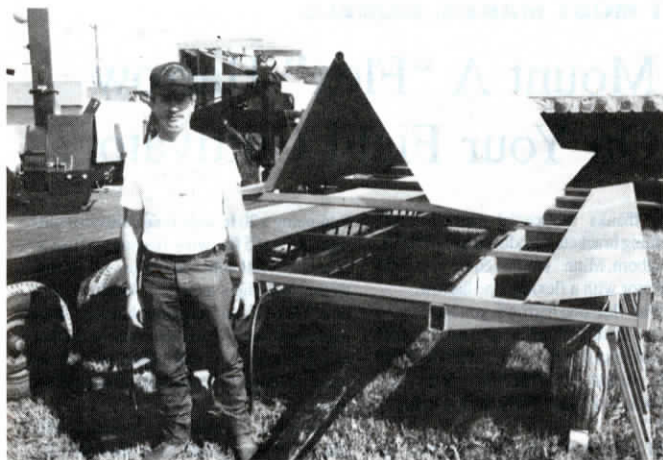
center A-frame, which pushes bales off either side of wagon. The A-frame raises up 16 in., lifting evenly along its length thanks to an equalizer valve plumbed in between the two lift cylinders.

If you want to feed bales out, or use the bale trailer to feed loose silage, you just slip in steel tube feeder panels on either side. Two men can quickly attach the panels, which extend out about a foot from the sides of the wagon.

"It's at just the right height both for young stock and for full-grown cattle. If it gets muddy around the feeder, you just pull it ahead to a new location," says Palmer, adding that farmers who've seen the new bale trailer are impressed with its simplicity. "The most complicated thing on the trailer is the hydraulic equalizer valve, and that can be replaced for \$100. Everything else is made out of heavy-gauge metal that's easy to fix or replace, if damaged."

Sells for \$4,100 with running gear (can be mounted on your own wagon gear).

For more information, contact: FARM SHOW Followup, Karl Palmer, Palmer Equipment, RD2, Route 12B, Hamilton, N.Y. 13346 (ph 315 824-2626 or 2525).



Bale-hauler feeder mounts on a 4-wheel wagon gear. Sides tip inward toward the center A-frame so that bales stay in place when loaded onto the sides of the trailer.



Converting a 3-pt. hoe to pull-type lets you take a wider swath with a smaller tractor.

CONVERTS 3-PT ROTARIES TO PULL TYPE

Folding Carrier For Rotary Hoes

Now you can convert your 3-pt rotary hoe into a pull-type, thanks to a new folding carrier introduced by Progressive Farm Products, Hudson, Ill.

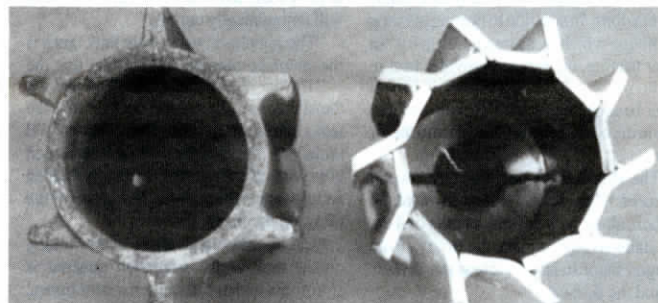
Designed to accommodate all makes of rotaries, it's available in 30 ft. (\$3,500), 40 ft. (\$5,450) or 60 ft. (\$9,900) models that hydraulically fold forward from tractor seat to narrow (13 and 18 ft.) transport widths.

"Our new carrier gets the rotary hoe off the tractor, allowing you to take a wider swath with a smaller tractor. Another key advantage is that two-way hydraulics on the hoe lift allows you to pull up the carrier wheels and hydraulically force the hoe into

hard, crusty ground," says Richard Follmer, manufacturer. He says you can use two 15 ft. hoes, or divide one 30 ft. hoe. Or, for more width, you can combine two 20 ft. hoes for a 40 ft. swath, or two 30 ft. hoes to make a 60 ft. wide pull-type rotary that flexes in middle to follow ground contour.

The 40 and 60 ft. carriers use a telescoping tongue for folding. All carriers come with hydraulic cylinders and standard 11 by 15 in. tires. Rotary hoes U-bolt onto the carrier's toolbar.

Contact: FARM SHOW Followup, Progressive Farm Products, Rt 1, Exit 2 I-39, Hudson, Ill. 61748 (ph 309 454-1564).



New-style snapping rolls (right side) feature 10 sharpened, chrome-plated knife blades that intermesh to grip corn stalks. Original Deere roller is shown on left side.

"KNIFE" DESIGN DRAMATICALLY IMPROVES HEADER PERFORMANCE

Corn-Saving "Snappers" For Deere Combines

"They dramatically improve performance of Deere corn heads," says Pixall, manufacturer of new "knife type" snapping rolls that operate off the existing gear box.

The new-style rollers feature 10 sharpened, chrome-plated knife blades that intermesh to aggressively grip corn stalks and weeds, pulling them cleanly and firmly down through the snapper plates and crimping them for faster decomposition.

A kit for each row, containing one right and one left roller, and pins for both, retails for \$394 per row and is backed by a money-back guarantee.

"We originally developed the knife rolls for harvesting sweet corn which is difficult to harvest because the stalks are green and tough," Pixall's Sales Manager Dwight Rosen, points out.

"Conventional snapping rolls won't work.

We solved the problem with knife rollers. They're available to all growers who harvest their crop with a Deere corn head. In regular field corn, we think you'll recover enough extra corn, normally lost because of shattering, to pay for them in one or two harvesting seasons. Just 1% increase in yield on 500 acres of 150-bu. corn, selling for \$2.25 per bu., is \$1,687 extra income."

Rosen says the crimping and chopping action of the knife rolls can often eliminate the need for shredding stalks.

"The rolls, made of welded steel, are more flexible than standard cast iron snapping rolls. You can clamp them down on a moderately worn gearbox shaft without having to rebuild or replace the shaft."

Contact: FARM SHOW Followup, Pixall Mfg., Clear Lake, Wis. 54005 (ph 1-800 628-6196, or 715 263-2112).