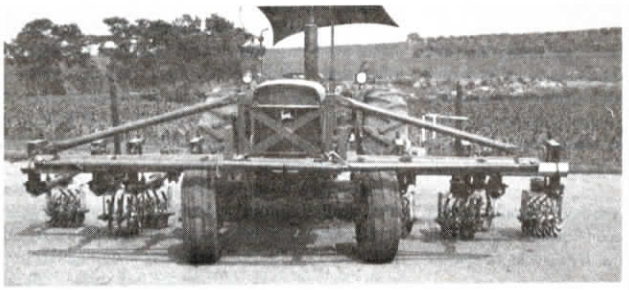


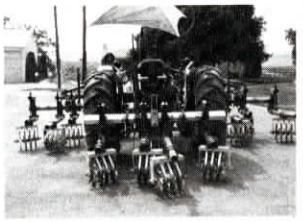
"Divided" 6-Row Cultivator Mounts On Sides, Rear Of Tractor

The cost of buying a new 6-row cultivator prompted Mahlon Martin, Greencastle, Penn., to convert his existing 4-row Lilliston cultivator into a 6-row unit by splitting it into two 2-row units that mount on either side of his Deere 2630 tractor and buying two new Lilliston row units to mount on the rear.

Martin used 4 by 4-in. steel tubing to build a toolbar for the rear-mounted row units, then built a steel frame that runs across the front of the tractor to support the side-mounted row units. Mounting brackets removed from a Deere 48 loader attach the frame to the tractor. All three 2-row units can be raised and lowered independently.

"I built it after I switched from a 4-row to a 6-row planter," says Martin. "It really works great on point rows and around rocks and grass waterways because I can lift any of the two-row units out of the way. When I want to remove the side units and install my front-end loader I simply loosen two bolts on each side of the tractor and one bolt in front, then swing the cultivator out."

To support the side-mounted units, Martin first built the triangular steel frame that runs across the front of the tractor and out to either side, and then ran parallel linkages back to the toolbars. Each side of the cultivator is raised and lowered by a single hydraulic cylinder. A 3-in. dia. pipe mounted inside a 3 1/2-in. pipe on each side of the tractor serves as a pivot point. Martin spent $1,123 to build the frame and $599 for the two new cultivator units. He notes that the split cultivator would mount on any Deere tractor that a 48 loader would mount on.



Contact: FARM SHOW Followup, Mahlon Martin, 12458 Gearhart Road, Greencastle, Penn. 17225 (ph 717 597-3574).

535 Bale Kicker Mounted On 530 Baler

"The company said it couldn't be done, but I did it and it works great," says Kenneth Worrel, Berlin, N. Dak., who mounted a bale kicker made for a new Deere 535 baler on his 1985 530 baler.

Worrel bought the bale kicker, which is an option on the 535 baler, from his local dealer. To mount it, he welded a 3-in. length of pipe to each end of the rear door hinge pipe running across the top of the baler. He used U-clamps to anchor the bale kicking arms to either end of the pipe. The bale kicker pivot points mount on lengths of tube steel bolted to the baler frame. As the rear door swings open, a chain running from the door to the bale kicker arms pulls on the kicker, which then pushes the bale out.

"The company said the 535 bale kicker wouldn't fit the 530 baler, but there's very little difference between the two balers. The only reason it won't fit is because the pipe on top is too short," notes Worrel.

He also installed an extra pickup wheel on the right side of the baler so it now has two pickup wheels, one on each side. "It has saved me a lot of money on repairs. If one wheel falls in a hole, the other wheel carries it across so the pickup doesn't drag in the dirt."

Worrel spent $600 to equip the baler with a kicker.

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FARM SHOW

"Made it Myself"

Some of the best new products we hear about are "made it myself" innovations born in farmers' workshops. If you've got a new invention or favorite gadget you're proud of, we'd like to hear about it. Send along a photo or two, and a description of what it is and how it works. Is it being manufactured commercially? If so, where can interested farmers buy it? Are you looking for manufacturers, dealers or distributors? (Send to: FARM SHOW, Box 1029, Lakeville, MN 55044).

Harold M. Johnson, Editorial Director

Loader-Mounted "Two-Story" Scaffold

A "two-story" scaffold built from scrap iron and mounted on the front-end loader of a Ford 4000 saves a lot of time for Gilbert Ahrenstorff and son Glen.

"It lets two men work at different levels. We use a ladder on the ground to reach the lower scaffold and another ladder on the lower scaffold to reach the upper scaffold. Works great not only for painting but also for installing metal siding on buildings," says Gilbert.

They built the frame using scrap angle iron and steel, most of which was salvaged from two old Deere overhead hoists. Each scaffold is 13-ft. long and 3 ft. wide, "floored" with three 2 by 12 boards. The bucket attaches to the lower scaffold with six bolts. To mount it, they lay the scaffold flat on the ground, tip the bucket down, and bolt it on. Then they tip the bucket up and drive it up against the building. "For safety, we position the scaffold so it's almost touching the building, then lock the brakes on the tractor. This would keep the bucket from from falling down if a hose ever broke on the loader," notes Gilbert.

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