



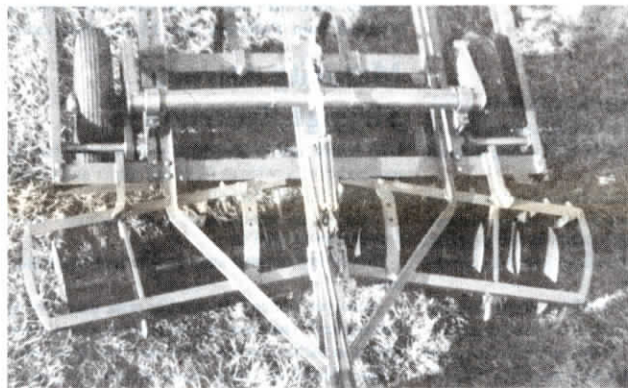
He Built His Own Chisel Disk For \$300

Indiana farmer Gaylord Macy built his own chisel disk for only \$300 by mounting the 8-ft. front gang from an old pull-type Deere tandem disk on the front of his 7-ft. wide, 7-shank Graham chisel plow.

"I bought the chisel plow for \$200 and used it for awhile by itself. It worked alright but it plugged a lot and pulled hard in my wheat ground," says Macy. "I tried mowing the wheat straw, but it still plugged up. I looked at a new Glencoe Soil Saver but it cost \$7,000 so I decided to build my own chisel disk. A friend and I built it in one afternoon. I paid \$33 for the 20-year-old disk. It was in good shape but didn't have wheels. Before I added

the disk gang I was pulling the chisel plow in third gear wide open with my Allis Chalmers D19 tractor. Now I can pull it in fifth gear at two thirds throttle and it no longer plugs. It actually works better than any commercial chisel plow because the 17-in. dia. disc blades are contoured and do a better job of incorporating residue into the soil than the Soil Saver's straight blades. The disc blades cut 3 to 7 in. deep depending on chisel plow depth. They have straight bearings. Newer-model disks with roller bearings would probably work even better."

Contact: FARM SHOW Followup, Gaylord Macy, RR 1, Box 113, Penneville, Ind. 47369.



Rotary Till-Plant Rig Makes Just One Pass

Jim Schierer, Metamora, Ill., combines a 6-row IH Cyclo air planter with an Eversman pto-powered rotary tiller to make an easy-to-operate, effective one-pass planting system.

The tiller-planter, which is 15 ft. wide, is pulled by a Case/IH 180 hp. tractor. The tiller works the ground 2 to 3 in. deep. The tractor carries saddle tanks with 200 gal. of herbicide that's incorporated as the ground is tilled for planting. Chemicals are applied with a boom

mounted on the front of the tractor.

The hydraulic pump that powers the Cyclo mounts on top of the Eversman tiller and is belt-driven off the pto shaft as it drives the tiller.

Contact: FARM SHOW Followup, Jim Schierer, Rural Route, Metamora, Ill. 61548 (ph 309 367-4482). For more information on Eversman tillers, contact: FARM SHOW Followup, Eversman Mfg. Co., P.O. Box 4345, Denver, Colo. 80204 (ph 303 572-1140).



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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



Forklift Mounted On Skid Steer Loader Lifts Bales 21 Ft.

An industrial forklift mast mounted on a Bobcat 825 skid steer loader stacks 8 bales at a time up to 21 ft. high on Mark Spielman's farm near Twin Valley, Minn.

Spielman, a commercial hay grower, removed the Bobcat's loader arms and replaced them with the 2-ton Allis Chalmers forklift mast which he bought from a local construction equipment company. He uses the forklift and a Farmhand bale fork, which is equipped with grab forks, to lift bales from wagons and stack them in sheds or on semi-trailers.

"It really reduces the labor involved in stacking hay. In fact, most of our bales are never touched by hand," says Spielman, who makes up to 25,000 bales a year. "I had been using a Deere 125 skid steer loader and a tractor front-end loader to stack bales, but they could only stack 10 ft. high. We had to stack the top layer by hand. The forklift mast lets me make better use of my sheds because I can stack bales 21 ft., or 16 bales, high. The

inverted mast allows me to reach right up underneath building rafters. Even when the bale fork is loaded and the forklift mast fully extended, the Bobcat is surprisingly stable. It won't tip over because the forklift mast lifts virtually straight up instead of out and up like conventional skid steer loader arms. I welded 600 lbs. of weights to the rear end of the loader to help counterbalance the forklift. The fork is slanted slightly backward to help keep the weight balanced equally between the front and rear axles."

He bolted extra grab hooks onto the front row of hooks of the Farmhand bale loader so each bale is secured by three hooks instead of two.

Spielman paid \$1,700 for the forklift, \$2,000 for the bale fork, and \$9,000 for the skid steer loader.

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