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MULTIPLE REELS HOOK UP BEHIND YOUR GARDEN TRACTOR OR ATV

## Reel Mower Cuts Big Lawns Fast

"It gets the job done fast and does a near perfect job, even on rough ground," says Merle Short, ProMow, Fort Wayne, Ind., about the company's new pull-type, multiple-unit reel mower that can be pulled by any garden tractor or ATV.

The mower consists of a series of light-weight ground-driven reel mowers hitched to a steel frame in two rows. Four models are available ranging from 3 ft. 8 in. wide to 11 ft. 4 in., with 3 to 7 reels per unit and 5 to 7 blades per reel.

"It's much lighter weight than conventional golf course reel mowers and costs far less," says Short. "Golf course reel mowers sell for up to \$20,000, but ours start at just under \$1,700. The hitch is the key to the design. It puts down pressure on all wheels to make sure they get enough traction. It leaves your lawn looking like a carpet. The steel frame allows the two rows of reels to flex forward and backward and each reel can flex up and down to prevent scalping.

"There's no motor to maintain and it's safer than big powered mower decks be-

cause it doesn't throw stones and because the cutting reels don't turn when you back up. Due to the width of the mower it can't be used in small areas. However, you can keep your riding mower for those areas that the reel mower can't reach. It doesn't require a lot of power - a 5 hp tractor will handle a 4 - 9-ft. mower. The blades are self-sharpening as long as you keep them adjusted properly.

"It does the best job when you cut only an inch or two at a time. You can cut taller grass but the tractor's wheels will mat the grass down, making it difficult for the reels to pick up. The reels have shear bolt protection against rocks. The outside reels on both rows fold up for transport."

A 4-ft. 3-in. model sells for \$1,695 while a 9-ft. 8-in. model sells for \$2,295. The 11-ft. 4-in. model sells for \$3,995.

Contact: FARM SHOW Followup, Pro Mow Reel Mower System, 8345 Clinton Park Drive, Fort Wayne, Ind. 46825 (ph 219 482-6699).

STEEL PRESS WHEELS CREASE THE SOIL

## Rolling "Corrugator" Forms Mini Irrigation Furrows

"It's the first machine of its kind," says inventor Brad Kembel about his "Roll-A-Gator" that's designed to be used after planting to create small irrigation furrows through the crop.

"As far as I know it's the only rig ever built that uses a rolling drum to form the furrows," says Kembel. "Other units use shanks or paddles to create the furrows but the problem is that they either tear seed out of the ground or cover it up with soil. The rolling press wheels on my Roll-A-Gator crease the soil instead of tearing it up. Hydraulically-adjustable shank openers ahead of each wheel help maintain consistent furrow depth. They also plow rocks out of the way."

The machine consists of a 16-in. dia. drum fitted with 4-in. wide steel "press wheels" spaced 18 in. apart. "The drum can

be filled with water to add more weight. Filling the drum half full adds about 750 lbs. of weight. Furrow width depends on your ground speed but the furrows are generally about 4 in. wide at the top. Furrow depth depends on how deep you set the openers. The drum is raised or lowered by a pair of hydraulic cylinders on back. A separate set of cylinders is used to control depth of the openers. We can custom build rigs to any width or any press wheel spacing. We also offer a 3-pt. 15-ft. wide model equipped with an 18-in. dia. drum that has press wheels on 22-in. centers and also has markers and gauge wheels."

Prices range from \$7,500 to \$10,500.

Contact: FARM SHOW Followup, Kembel's Creative Welding and Fabrication, 2656 North 11th Road, Worden, Montana 59088 (ph 406 967-6822).



## Corn-Burning Stove Heats Shop Floor

By C.F. Marley

Doug Baum, Tallula, Ill., uses water heated by a corn burning stove to warm the shop floor in his 52 by 72-ft. building used as a car and truck body repair shop.

His "Amaiz-Ing Heat" furnace, manufactured by Big M Mfg. Co., Taylorville, Ill., is housed inside a small shed at one end of the building. Shelled corn in a bulk bin next to the shed is fed by a 2-in. dia. auger. Hot water from the corn-fired boiler is then forced through 4,500 ft. of polybutylene pipe that Baum laid under the concrete floor in runs spaced 1 ft. apart. The pipe is laid in "zones" that can be controlled individually by shut-off valves.

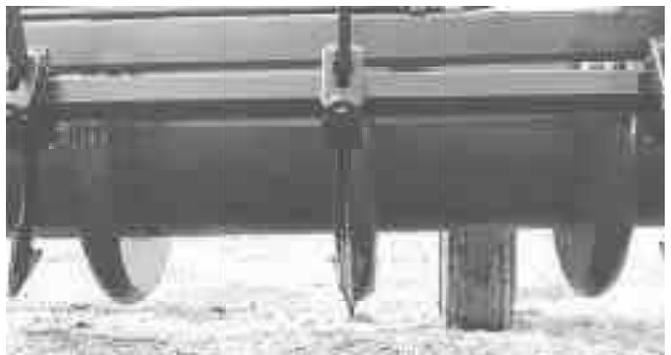
Baum fired up the furnace for the first time early last November. The ground already had cooled a lot so it took a little longer than he had expected to heat the floor. Apparently some of the heat was absorbed by the ground even though the entire floor area has 1 in. of Styrofoam insulation under it. He says the corn burns cleanly with very little ash. Baum empties the stove's small ash tray just twice a week.

The furnace is rated at 100,000 btu's. It burns 45 to 50 bu. of corn per week in the coldest weather.

Contact: FARM SHOW Followup, Doug Baum, Rt. 1, Box 110, Tallula, Ill. 62688 (ph 217 632-3385).



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