



Mower deck has four blades belt-driven by two jack shafts, one on each side. Grass is discharged from both sides of mower.

### 3-Wheeled Mower Kicks Grass Out Both Sides

"I designed this 3-wheeled 6-ft. ditch mower so it would float over the uneven contours of our yard," says Jack Zulkoskey, Prince Albert, Sask.

"I built the power unit from scratch, using 2-in. square tubing for the frame. It's fitted with a Wisconsin 4-cyl. air-cooled engine that's mounted behind and below the driver. It connects up to a variable-speed, belt-driven transmission salvaged from a swather. The transmission is controlled by a lever up front. I used a cone clutch connected hydraulically to the clutch pedal. I also used a 3-speed transmission salvaged from a small car for forward and reverse gears. A differential from a Toyota car drives the axle. The front axle is fitted with a pair of wide 23 by 9.5 by 12-in. tires while the rear is equipped with a single 22.5 by 7.5 by 12-in. tire for steering. A Toyota steering wheel connects to the rear wheel by cable and roller chain. The steering wheel and its shaft lift out easily when getting on or off the mower.

"I built the deck in three parts – a 32-in.

center section with two 20-in. outer sections. The two 20-in. sections are able to flex up and down to flow with the contours of the lawn. They can also be raised up 90° for transport or storage. The four spindles used are each belt-driven from two jack shafts, one on each side, and their rotation is such that grass is discharged from both sides of the mower, which works very well.

"All power is transmitted on the deck by belts. No gearboxes are used. Because of this, the belts that drive the spindles are twisted 90° and special idlers are required, which was a bit complicated to set up. It seems like the belts will last about a season, which I don't think is too bad.

"This mower is comfortable, powerful, maneuverable and very easy to operate. Makes quick work of mowing the lawn and does the work of mowers that cost thousands of dollars."

Contact: FARM SHOW Followup, Jack Zulkoskey, RR2, Prince Albert, Sask. S6V 5P9 Canada (ph 306 764-8581).



Planter rides on a single wheel with a tractor seat mounted above it for the operator. The operator drops seed potatoes by hand into a hollow 4-ft. long shank.

### "We Love Our One-Row Potato Planter"

"We can plant 400 to 500 lbs. of potatoes in an hour. It works as well as any commercial planter we've ever seen," says Floyd Keller, Osage, Sask., who built a 3-pt. mounted potato planter from scratch.

It consists of a single 4-ft. "shank" made out of 3 by 5-in. rectangular tubing. The shank is hollow. The bottom end is angled up toward the back at a 48 degree angle so the seed spud can drop out. A pared-down chisel point welds to the front of the shank.

A 5-gal. plastic bucket mounts on each side of the shank to hold potatoes for planting. A bar across the front of the shank hitches to the lower hitch arms. The top link pins to a fitting on the shank.

The planter rides on a single wheel that Keller took off an old swather. A tractor seat mounts above the wheel for the operator (Keller's wife) who drops the seed potatoes

by hand into the shank.

The wheel runs directly over the furrow. It packs the trench and a long piece of heavy chain drags behind the planter to cover it up.

"It creates beautiful stands of potatoes. It works so well I did some planting for a neighbor who then asked me to build him one. His tractor didn't have a 3-pt. hitch so I made a trailing unit that's raised and lowered by tractor hydraulics," says Keller.

He plants potatoes in rows spaced 5 ft. apart and cultivates them with an 8-ft. cultivator. On the gang that runs over the row, he cut out the center shovel and half of each shovel behind so he can run right over the row. He also built a simple hiller that he uses to mound dirt over the row.

Contact: FARM SHOW Followup, Floyd Keller, Box 35, Osage, Sask. S0G 3T0 Canada (ph 306 722-3741).



Storage box attaches to front of Deere balers.

### Twine Or Net Wrap Box Mounts On Baler

You can carry an extra roll of net wrap or six extra rolls of twine inside this new storage box that fits Deere 530, 535, and 566 round balers. It eliminates a trip home to get wrap or twine. You can reload right where you run out.

The "Tote-A-Wrap" storage box was invented by Kurt Uhlenhake, Calmar, Iowa, and is available only from Deere dealers.

The 13-in. sq., sheet metal box is 68 in. long. It installs in about 20 minutes on

mounting brackets that fit existing holes in the baler. It detaches quickly with two pins.

Once installed, net wrap or twine is placed inside. Caps on each end are held in place with rubber straps, providing quick easy access to contents.

Sells for \$255 plus S&H.

Contact: FARM SHOW Followup, Kurt Uhlenhake, 1815 125th St., Ossian, Iowa 52161 (ph 319 532-9345).



Rooter uses three backhoe bucket-type teeth on front to dig out trees or shrubs. It flares out to 36 in. wide at the top and is 3 ft. long from front to back.

### Loader-Mounted "Tree And Shrub Rooter"

You can turn any skid steer or front-end loader into a tree and shrub digger with "The Rooter", says Kasco Mfg., Shelbyville, Ind.

The quick-tach unit has a 9-in. wide flat bottom that flares out to 36 in. wide at the top and is 3 ft. long from front to back. It's made from 3/8-in. thick steel plate and has three backhoe bucket-type teeth on front that do the digging.

"It works great for transplanting trees and shrubs and can also be used for trenching, digging out rocks, cleaning out ditches, etc.," says Phil Kaster.

Sells for \$899 plus S&H.

Contact: FARM SHOW Followup, Kasco Mfg. Co., Inc., 170 W. 600 N., Shelbyville, Ind. 46176 (ph 317 398-7973; fax 2107).