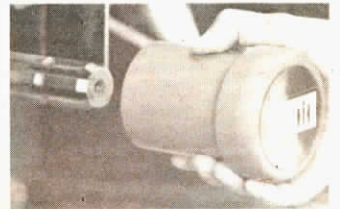


## Magnetic Cap For Pto's

"It's the safest and easiest-to-use pto cover ever," says Murray Morien, Rig-Mor Industries about the company's new Magnetic Safety Cap for tractor pto's.

Most conventional pto covers either bolt or screw on. "They're hard to put on and take off and the bolts become rusty or damaged. The result is that farmers put them aside and never use them again. An uncovered shaft, even with a shield over the top of it, can still catch clothing or fingers," says Morien.

The cap is made of hard plastic. It's held in place by a series of internal brushes and a strong magnet in its base. The magnet sticks to the end of the pto shaft. The cap has a smooth surface that won't catch onto clothing if the pto is accidentally engaged and the internal brushes and magnet that hold the cover in place allow the shaft to spin freely inside the cap without danger to

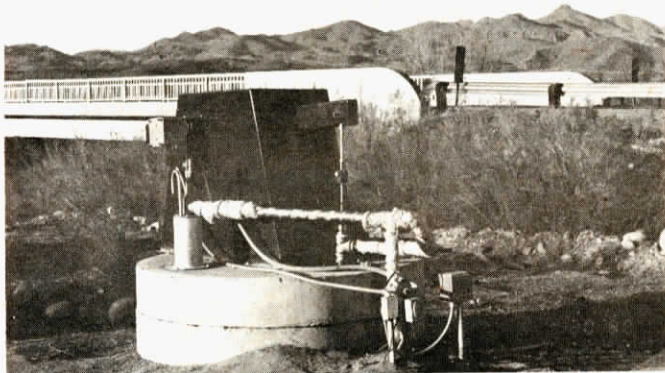


The new safety cap can be imprinted with a company logo, if desired.

the operator. Also, the brushes can be oiled so they'll lubricate the shaft every time the cover is put on or taken off.

The Magnetic Safety Cap sells for \$14.99.

For more information, contact: Rig-Mor Industries, 156 Woodlawn Ave., Winnipeg, Manitoba, Canada R2M 2P6 (ph 204 253-0883).



The new solar pump generates enough electricity to run even when it's cloudy.

### COSTS NOTHING TO RUN

## Efficient Solar Pump Reaches 600-Ft. Depths

"It's the first practical solar pump for farm and ranch use," says Fred Crawford, of Solar Contractors Inc., manufacturer of a new solar-powered unit that can pull 1,170 gal. of water per hour from depths of 600 ft.

Four solar panels power the pump's "see saw" pumping arm. The pump is equipped with state-of-the-art electronic timer controls, powered by an optional back-up 12-volt battery, that turn the pump on and off as needed. Controls can also be connected to float controls that'll start the pump on demand. It can even be set to run at night by charging 12-volt batteries with excess electric power generated during the day.

"Solar power is better than wind power because the sun always comes up but the wind doesn't always blow. Even when it's cloudy, this pump will still generate enough electricity to run. And it always runs at the same speed - 30 strokes a minute - and can't be damaged the way a windmill can be damaged in a high wind," says Crawford, noting that the new pump easily replaces a

windmill. It connects right up to the old pumping hardware.

The pump adapts to 2 to 4 in. dia. well cylinders. Stroke is adjustable from 6 to 12 in. in length so you can set the pump for the exact amount of water you want to pump. Solar panels can be remote-mounted to catch the maximum amount of sun and an optional tracker - which automatically follows the sun - is available.

Solar Contractors Inc. has already installed four pumps. At one remote installation, the pump pulls water up and then pushes it 300 ft. away to a 10,000 gal. storage tank on a hill which supplies water to a home located below it.

The basic solar pump sells for \$2,500. A typical installation, complete with four solar panels, timer control box, and battery, sells for \$4,580.

For more information, contact: FARM SHOW Followup, Solar Contractors Inc., P.O. Box 3064, Dallas, Texas 75374-3064 (ph 214 340-9675).

### "IT LETS US ALMOST TOTALLY ELIMINATE TROUBLESOME FEED CONVEYORS"

## He Put His Feed Mixer On Wheels

It takes Wisconsin dairy farmer Dave Loucks just 3 hrs. daily to feed 250 head of cattle mixing up eight different rations to feed to four separate groups of cows and four groups of heifers.

Loucks achieved his highly-efficient feed output by putting wheels under his 100-bu. TMR Knight feed mixer. "We eliminated all but one short conveyor in the silo room. The barn is set up for drive-through feeding so we just drive from one silo to another, loading up on forage and grain, mixing on-the-go and then unloading to each of the separate groups of animals," he says.

The self-propelled mixer's wheelbase is short to improve mobility through the short turns between the barn, silo room and bunker silo.

Loucks first mounted the mixer on two heavy I-beams. The beams extend 3-ft. in front of the mixer where a Chevrolet Chevette engine and front axle mount. The rear axle from a military jeep is used for the back axle. A short pto shaft off the front motor connects to a hydraulic pump that drives two hydraulic motors. One motor provides power to the rear axle differential via a chain and sprocket assembly and the other operates the feed mixer through an 8:1 gear reduction gearbox.

Most of the controls, pumps and motors used on the machine were salvaged from an old feed delivery truck.

Contact: FARM SHOW Followup, Dave Loucks, Rt. 1, Abbotsford, Wis. 54405 (ph 715 223-3583).

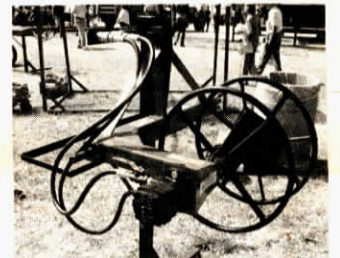
### REEL HOLDS 1/2 MILE OF BARBED WIRE

## Tractor-Mounted Wire Winder

A new hydraulic wire winder, powered by its own motor and designed for 3-pt. mount on tractors, makes short work of building long fences, says Pro-Tatch, Inc., Grand Island, Neb.

"This hydraulic wire winder operates more smoothly than pto-powered units already on the market," says Kevin Houtwed, spokesman. "The hydraulic design allows you to speed up or slow down without jerking or breaking the wire. When the reel is full, simply pull it off the main shaft, split it apart to remove the roll of wire, and then replace the reel to roll up more wire. You can also use the hydraulic motor to power other equipment such as small augers and grain cleaners."

The removable reel holds up to 1/2 mile of barbed wire. A grease fitting on the shaft helps prevent wear.



When the reel is full, simply split it apart to remove the roll of wire and replace it to roll up more wire.

Sells for \$399.

For more information, contact: FARM SHOW Followup, Pro-Tatch Inc., 121 N. Grace, Grand Island, Neb. 68803 (ph 308 381-8426).



A front-wheel drive car engine and transmission power the mixer-feeder.