

MATCHES ANY TRACTOR TO ANY PTO-POWERED IMPLEMENT

Pto Speed Changer For Farm Tractors

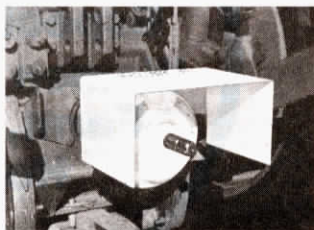
A new pto speed changer, which mounts on the tractor pto shaft, lets you change your tractor's pto speed to match implement needs. The Hub City model 390 is a heavy-duty attachment that converts pto speed from 540 rpm to 1,000, or from 1,000 or 800 rpm to 540.

Purpose of the speed changer is to allow any tractor to power any implement in its horsepower range, regardless of normal pto speed ratings.

"The speed changer is essentially a gearbox that slides onto the tractor pto shaft," explains Jerry Neuharth, customer service rep for Hub City. "Just two setscrews hold the model 390 on the tractor shaft."

Newly designed gears allow the model 390 to handle up to 125 hp. Neuharth notes that five options in the model 390 use either a 1.89:1, 1.48:1 or 1:1.89 gear ratio to reduce or increase the speed. Pto shafts with 6, 20, or 21 splines and 1 1/8 or 1 1/4 in. dia. shafts can be accommodated.

The 800 rpm, 1.48:1 option permits energy savings when a high hp., 1,000 rpm tractor is needed to run a

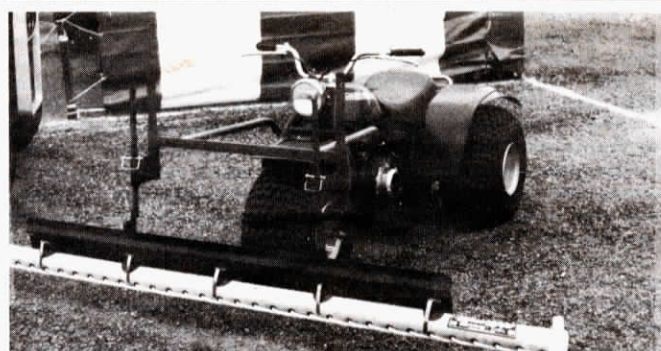


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low speed, 540 rpm implement, such as a grain elevator, stationary pump or generator. The tractor can be idled back to 800 rpms to save fuel and the speed reducer used to convert it down to 540 rpms.

Cost ranges from \$808 to \$845 for the five size and speed options. A safety shield is standard.

For more information, contact: FARM SHOW Followup, Hub City Division, Safeguard Power Transmission Company, P.O. Box 1089, Aberdeen, S.D. 57401 (ph 605 225-0360).



Castors on the weed killer bar keep it at an even distance from the ground.

"AROUND THE FARM" WEED FIGHTER

Weed Wiper Bar For 3-Wheeled Bikes

Whether it's for dandelions in the yard, roadside weeds or field use, teaming up three-wheeled bikes with a rope-wick weed killer is an economical and quick way to nail weeds.

"The bikes are cheap to run and our Weed Wiper is deadly effective using Roundup," says Mike Rear of Rear's Manufacturing, manufacturer of the Weed Wiper.

The Wiper is carried on a bracket that attaches to the cycle frame. It'll

operate at any height from an inch or so off the ground to a couple feet high, raising manually.

"You can mount castors on the Weed Wiper bar so it stays an even distance from the ground. It sells for about \$20 a foot, not including the mounting bracket. We also sell full-size tractor Weed Wipers," says Rear.

For more details, contact: FARM SHOW Followup, Rear's Manufacturing, 2140 Prairie Rd., Eugene, Ore. 97402 (ph 503 688-1002).



Wedekind's electric fence gate requires no underground wires.

GATE CLOSSES AFTER VEHICLE CROSSES

Automatic Gates For Farm Vehicles

"I've been experimenting with various types of automatic gates for several years and feel that this design is one of the most dependable, lowest-priced automatic farm gate ever invented."

That's how Donald Wedekind sizes up the new spring-operated, drive-over gate which he designed and is now manufacturing commercially. "It can even replace conventional cattle guards," says Wedekind, who offers a choice between an electric fence model and a non-electric model.

As a vehicle goes over the electric model, the gate's four hot wires are pushed to the ground so the vehicle can cross. After crossing, the springs pull the gate back to normal height.

The non-electric model has two crossbars to hold livestock in. As a vehicle passes over the gate, the crossbars raise up and out of the way without touching the vehicle.

"A key feature of the electric model gate is that it requires no underground wires," says Wedekind. "It has been my experience that most gates that use underground wire aren't very effective after a few years. One of the main reasons is that the constant pulsating of an electric fence causes the underground wire to short out after a period of time. Instead, we use above-ground wiring."

The springs that hold the gate are hung from either steel or wooden

posts. Height of the gate can be adjusted by hooking a chain from the drive-over ramp to the spring at the desired level.

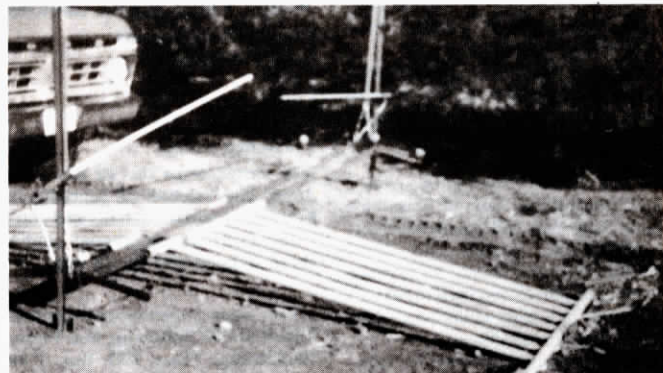
Wedekind says simple installation is another advantage to his automatic gates, especially compared to cattle guards. "With a cattle guard, you have to spend up to a day digging a pit and putting in a frame of some kind," he explains. "But our 12 ft. drive-over gate sets up in minutes and can be used any place, including feed yards, hog lots and pastures."

Price for a 12-ft. electric fence cattle gate is \$145. A 12-ft. electric hog gate is \$99. The difference is that the cattle model has an accessory bar to help hold cattle in. The bar raises out of the way when a vehicle crosses. The non-electric 12-ft. model, for either hogs or cattle, is \$200.

Another automatic gate Wedekind developed is for center pivot irrigation systems. It is 4 ft. wide and lowers to the ground as the pivot crosses over. Springs pull it back up after the pivot crosses.

Although it can take up to 20 min. for the pivot to cross and the gate to close, cattle don't get out because they tend to stay away from the sprinkler system, according to Wedekind. Price is \$29.50 each.

For more information, contact: FARM SHOW Followup, Wedekind Manufacturing, Route 1, Box 134, Lindsay, Neb. 68644 (ph 402 447-2700).



Automatic Wedekind gates set up in minutes and can be used most anywhere.