

**DIGS TREES, CUTS TRENCHES,
BORES POSTHOLES, PEELS OFF SHINGLES**

Many Uses For New Motorized Shovel

"It's a cross between a jackhammer and a barless chain saw," says Ken Lanter, Swannanoa, N.C., of his company's amazing new motor-driven shovel called the "Dyna-Diggr".

The device digs trees and shrubs, cuts trenches, bores postholes, peels off old shingles and floor tile, breaks up old concrete, and a lot more.

The Dyna-Diggr is powered by a two-stroke, horizontal mounted Tecumseh engine. Here, according to Lanter is how it works:

"A centrifugal clutch on the engine shaft belt-drives a pulley mated to a second parallel shaft that rides in bearings mounted within the steel housing. An eccentric moves a connecting rod which, in turn, transfers its linear motion to a guided yoke-and-plunger rod that passes through the base pillar.

"The 18 in. long digging blade moves in and out (at the rate of 2,000 times per minute) $\frac{3}{8}$ th's of an inch, which is just enough to transfer movement to the blade rather than the operator, and just enough to get the job done and yet keep the machine from hopping around."

Lanter points out. "Operating it is similar to a Roto-tiller. Once you get the hang of it, you learn to simply guide the machine and let it do the work."

The device weighs 47 lbs. and is available with a variety of attachments, including a 6 by 8 by 16 in. steel spade, a chisel point for breaking up concrete, and a posthole digger in 4, 5, 6 and 8 in. diameters.

"It's great for digging postholes. The standard unit will dig holes up to 22 in. deep, and deeper with optional handle extensions. After digging the hole, the device can be used to tamp the soil around the post," explains Lanter.

He adds that tree farmers and nursery operators are finding the Dyna-Diggr especially handy for planting and transplanting trees and shrubs. "In most types of soil, one person working alone can lift out a 7 ft. tree in less than a minute," says Lanter.

Will it split wood or rocks?

"It'll split wood but its splitting action is so slow it really isn't practical as a wood splitter," explains Lanter. "It does better as a rock splitter, al-



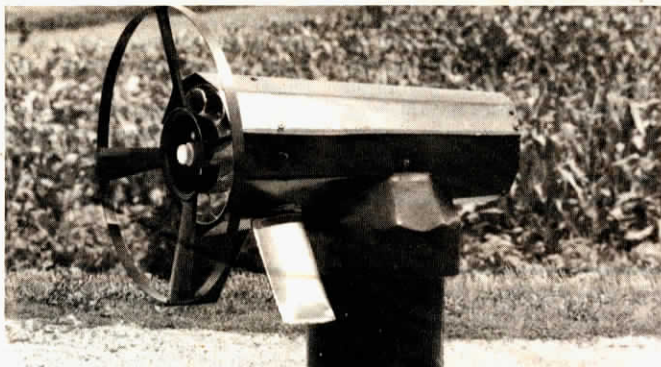
Photo courtesy Mother Earth News.

The 18-in. long digging blade moves in and out at a rate of 2,000 times per minute.

though this isn't a primary use for the tool. We've used it to split rocks just to show it can be done," Lanter told FARM SHOW.

Sells for \$995, including the 6 by 8 by 18 in. steel spade attachment.

For more information, contact: FARM SHOW Followup, Ken Lanter, Brisco Mfg. Inc., 251 Buckeye Cove Road, Swannanoa, N.C. 28778 (ph 704 298-1510).



Wind-powered fan creates vacuum that holds plastic down.

'Air Augur' Keeps Covers On Pit Silos, Grain Piles

Strong winds won't be able to rip the plastic covers off your pit silos, hay stacks and grain piles when you use the "Air Augur," claims Tom Bechtel, Kenton, Ohio, manufacturer of the unique new vent. The faster the wind blows, the more vacuum the fan creates to pull the plastic cover tighter against the crop.

The Air Augur's exterior fan blade is connected by a shaft to drive an interior fan in the unit. As the interior fan spins, it creates the vacuum which keeps the plastic cover in place.

To install, you first place the 6 ft. square base plate on top of the pile, roll the plastic over the top, cut a hole

in the plastic for the Air Augur and set it on its base plate. To save bearing wear, the unit doesn't engage until wind speeds hit 20 mph so you still need to use some weights, such as tires, to hold the plastic down, says Bechtel. He notes that each Air Augur can handle 3,000 to 4,000 square ft. of plastic covering.

The top section of the Air Augur is 35 in. long, 17 in wide, 42 in. tall and weighs 130 lbs. The device sells for right at \$500.

For more information, contact: FARM SHOW Followup, Tom Bechtel, C.S.E., 18737 Township Road 133, Kenton, Ohio 43326 (ph 513 464-2538).



Gate kit contains all mounting and locking hardware.

HELPS PROTECT YOUR RIGHTS

Locking Gate Kit Helps Seal Off Farm Roads

"Many farmers have field roads or shortcut routes across their land that they let neighbors and others use freely in the spirit of neighborly cooperation. However, if the road or shortcut remains open for too long those neighbors may acquire a "right" to use that access and the owner loses his right to farm or do anything else, with it. As years go by, land that was originally left open as a neighborly gesture can become public domain.

"The best way to maintain such property rights is to seal off access roads with a locked gate," according to the Tread Corporation, Roanoke, Virg. The company sells a security

gate kit that'll establish rights to a particular access route and avoid the high cost of fencing. The gate kit can also be used around farmyards or anyplace else you need to lock up.

The kit consists simply of a clamshell lock with a lock pin and cylinder, a rotary hinge assembly, pipe clamps, and all other needed hardware. The buyer must supply lengths of 2 and 3-in. pipe as well as concrete footings to anchor the posts. The kit sells for \$125.

For more information, contact: FARM SHOW Followup, Tread Corporation, Box 13207, Roanoke, Virg. 24032.