



"Sneaky Pete" slices through soil with almost no disturbance to surface.

## REQUIRES LESS HORSEPOWER "Knife-Style" Tiler

"No one believes it'll work until they see it in action," says Tom Gallagher, Anoka, Minn., about his amazing new "Sneaky Pete" tiler that slices through the ground to lay tile, cable or plastic pipe with virtually no disturbance to the soil surface. "We can even lay cable or pipe in a sodded yard without having to re-seed or sod."

The 3-pt. mounted "Sneaky Pete" is available in three models to cut 14, 24 and 28-in. deep. A larger model that will work deeper to lay drainage tile is in development.

The new-style tiler has two 2 1/2-ft. long steel plates which are welded together and rounded at the bottom to form a "V". The leading edges of the "V" plates are equipped with small cutting teeth and run about 4-in. deeper than the rear, so that the bottom slants upward toward the back. The machine lifts the soil in a rippling motion. A worker walks alongside to hand feed cable or pipe into the hole created briefly by the rising soil. The soil then falls back into place, leaving the surface undisturbed. "In the future we'll install a side-mounted tubing guide system right on the rig," says Gallagher. "That way you'll be able to lay tubing as fast as you can drive."

The unit's slicing action is so efficient that even the largest 28-in. deep model requires only a 30 to 35 hp tractor.

"It's the simplest machine you ever saw. There's no moving parts or digging apparatus," says Gallagher, who has patented the rig and found a manufacturer for it. "No one

believes that we can use a 30 hp tractor to lay 4-in. dia. cable or pipe almost 30 in. deep. The secret is that 'Sneaky Pete' slices and lifts the ground instead of digging it out, which requires far less horsepower. It works fast. Cutting at a 14 to 16-in. depth you can safely go 400 ft. per minute, depending on soil conditions."

According to Gallagher, "Sneaky Pete" works great for installing lawn sprinkler systems on a sodded yard. "You can lay hose and sprinkler heads simultaneously and barely disturb the sod. You don't have to make a second pass to dig holes over the main line to attach the heads."

Gallagher says his larger model for installation of field drainage tile will be less expensive and require far less horsepower than conventional tiling machines and cause less damage to tile while installing it.

"Most conventional tiling machines cut straight walls and leave a hole with a flat bottom for the round tile. Backfill soil can collapse down the sides, creating unequal pressure that can crush the pipe. Sneaky Pete makes a round hole that matches the radius of the tile, supporting it equally all the way around."

The manufacturer is currently building "Sneaky Pete" on a custom order basis. The largest model sells for under \$3,500. Dealer inquiries welcome.

For more information, contact: FARM SHOW Followup, M.J. Dunn, 1501 101st Ave. N.E., Minneapolis, Minn. 55434 (ph 612 780-2598).

## "On-The-Go" Automatic Grease Lubing System

If you've ever forgotten to grease your truck or combine, overlooked some zerks, or cursed at the hard-to-find, hard-to-get-at grease points, you'll be interested in a new automatic greasing system recently introduced by IBG, Inc., Indianapolis, Ind.

The Romatic electronic "timed release" lubrication system pumps grease into bearings while the vehicle is moving and the bearings are turning which the company says assures a thorough greasing. You can set the cycle to pump grease at intervals ranging from 1 min. to 5 hrs. Each bearing receives a pre-set amount of grease which can be adjusted as needed to fit the application.

IBG, the North American distributor, imports the Romatic system from England and is currently building a distributor net-

work. "The system has been used in Europe for more than 12 years on everything from combines to Caterpillars to trucks, buses and construction equipment," says Joe Murray, president. "About 60% of over-the-road trucks in Europe are equipped with automatic lubrication systems. They're widely used on combines and other farm machinery."

"In the U.S., Indian River Transport, which operates semi tractors throughout North America, has field tested the system successfully for three years. It's now a standard addition to all their new semi tractors."

According to Murray, the big benefit of the system is reduced maintenance costs and longer component life because of regular greasing. "It's not that difficult to grease trucks and tractors with a grease gun but it's

## HANGS FROM BOTTOM OF BIN LADDER

# Safety Ladder For Grain Bin Is "Childproof"

New 5-ft. long portable ladder designed to hang from the bottom of your bin ladder lifts up out of the reach of children when not in use.

The ladder is made of 1-in. sq. tubing and has two 1/4 by 1-in. bent straps on top which hook onto the bin ladder's bottom step. A 6-in. spacer holds the bottom of the ladder away from the bin. When not in use, the ladder hooks can be lifted up to the third or fourth step, making your bin "childproof."

"OSHA regulations state that bin ladders must be at least 5 ft. above ground," says Dewey Reed, Galva, Ill., inventor-manufacturer. "Some dealers construct bins with ladders reaching to ground level. However, the dealers are risking a liability problem because ladders are an invitation for accidents."

The new ladder's light 16-lb. weight makes it easy to carry from bin to bin. It can also be used as a truck box ladder.

Sells for \$48.

For more information, contact: FARM SHOW Followup, Reed's Bin & Building Center, Inc., 120 Northwest 8th Ave., Galva, Ill. 61434 (ph 309 932-2655).



You simply hang the ladder from a higher step when not in use.

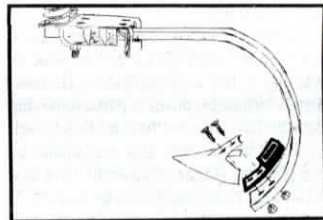
## PROTRUDES 6 IN. ABOVE TOP OF SWEEP

# Bolt-On Attachment Stops Chisel Shank Wear

"We've been in the business of straightening chisel plow shanks for the past 7 years and have noticed the tremendous amount of wear that occurs just above the sweep. Our new shank savers eliminate the problem," says Larry Lambott, Fort Benton, Mont.

The bolt-on units are made of malleable cast iron and weigh 3.5 lbs. They protrude 6 in. above the top of the sweep and use a bolt that's 1/4-in. longer than normal to mount the sweep. Shank savers fit any model chisel plow shank with no modification and may be built up with weld as they wear down.

"We've field-tested them extensively with no problems at all. They work great," says



Lambott. He sells shank savers for \$7.95 apiece.

For more information, contact: FARM SHOW Followup, Larry Lambott, P.O. Box 681, Fort Benton, Mont. 59442 (ph 406 622-3788).

not always done in a timely way," says Murray. "Sometimes points get overlooked. Dust and dirt can enter the zerk nipples. Then there are the hard-to-find, hard-to-get-at areas."

The system consists of a grease reservoir and pump, air or electric power source, solenoid, pressure switch, grease distributor network, and timer. The timer controls the solenoid valve which allows pressure to flow to the pump. The pump forces grease through the primary pipe-lines to distributors, which meter grease to each bearing or surface. A pressure switch monitors grease pressure at all times.

The "timer" operates when the vehicle is switched "on" and has a memory that enables the unit to remember its position in the timing cycle when switched "off" or even

disconnected for short times. This applies no matter how many times the vehicle stops or starts. A manual over-ride button allows the system to be operated at any time. A motion sensor is built into the system to assure that grease won't be cycled when the engine is running but the vehicle isn't moving.

Any number of greasing points can be programmed into the Romatic system. Price depends on the number of points and the difficulty of installation. A 24-grease point system costs about \$2,000, not including air compressor.

For more information, contact: FARM SHOW Followup, IBG, Inc., 6512 Evanston Ave., Indianapolis, Ind. 46220 (ph 800 541-8901).