

**"EASIER THAN DRIVING POSTS BY HAND"**

## Air Powers This Steel Post Driver

Ovis Snider can drive in fifty steel posts and not have blisters on his hands or sore muscles in his arms, thanks to the air-powered steel post driver which he designed.

"Even in dry, hard packed ground, I can drive in posts in 30 seconds or less stopping only to move the air compressor," says Snider, of Seymour, Mo.

"Air is supplied by an air compressor mounted on my truck and powered off the fan belt, although any pto-powered or gear generator compressor would work," Snider reports.

The ability to power the driver with air, limited only by the length of air hose from the driver to the compressor, also makes Snider's invention ideal for areas too difficult to reach with tractor-mounted drivers.

He built it using scrap items found in his farm shop. Weights for the driver unit are old truck axles and the outer framework is from school bus seats. The actual post driver unit is a truck axle hub.

He built the pressure chamber out of 1 in. electrical conduit — the only component purchased new. Airbrake valves from a semi tractor-trailer control the driver's up and down movement. The bottom valve fills the lower half of the chamber, pushing the driver up about 22 in. This valve then releases and the top valve pushes the driver down with an 80 lb. psi force.

The driver only fits standard studded "T" posts but Snider plans to modify it to drive round posts used for cyclone fencing.

He points out that the driver has two other features that he likes: He



**Snyder can drive in posts in 30 seconds or less.**

can slide the driver on and off the post horizontally without having to lift it up and over the top of the post, and the "T"-shaped chamber prevents the post from twisting out of position if it should hit a rock.

For safety, Snider equipped the driver with two "fail safe" levers — one controls the air and the other acts as a safety brake so, to drive a post, you must have a hand on each lever.

Snider plans on making his air powered post driver available commercially. He says it'll weigh about 42 lbs. and sell for approximately \$300.

For more information, contact: FARM SHOW Followup, Ovis Snider, Rt. 3, Box 327, Seymour, Mo. 65746 (ph 417 935-4016).



"Easy Fence panels are up to 10 times stronger than conventional corner posts and offer much longer life span," says the inventor.

**TAKES ONLY 10 MINUTES TO ERECT A CORNER POST**

## Fast Way To Build Fence

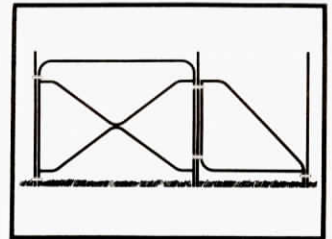
Fastest new fencing system in the West is "Easy Fence," invented by Utah rancher Derrald Chappel, of Coalville.

It features specially-designed metal panels and braces which replace conventional wood corner posts and gate supports.

"With Easy Fence panels, you can build a complete corner post in less than 10 minutes. It takes anywhere from two to four hours to do it the conventional way with wood posts. There's no welding or drilling and no holes to dig, and only in very rare cases do you need cement footings for the steel posts," says Chappel. "Once installed, there's no maintenance or upkeep."

Easy Fence panels and braces are made of 16 ga., 1 in. square tubing with .065 in. thick sidewalls. All joints are butt welded. "The panels are a lot stronger than they appear," says Chappel. Designed for permanent or temporary fence, they can be used wherever conventional bracing is required to reinforce corners, gates or straight lines on flat or hilly terrain.

Retail cost is \$32 per panel (wide) and brace (narrow) unit. Thus, a



To install corner posts, as shown, you first drive in steel post on left, then clamp on large panel. Next, drive center steel post and attach other end of large panel and one end of smaller brace section. Next, drive steel post on right and clamp on other end of brace section.

Panels are 59½ in. wide, 48 in. high and weigh 19.3 lbs. Braces are 40 in. high, 39¾ in. wide and weigh 8.7 lbs.

complete two-way corner installation would cost \$64.

For more information, contact: FARM SHOW Followup, Derrald Chappel, Box 23, Coalville, Utah 84017 (ph 801 336-2404).

### Another Air-Powered Driver

A commercially available steel post driver is being manufactured and marketed by Kluhsman Farm and Machine, Lockwood, Mo.

Called the Thumper, it weighs 40 lbs. and operates on 40 to 80 psi. Its striking hammer weighs 28 lbs. and is powered by air pressure to pound posts into even the hardest soil, says the manufacturer.

The driver locks onto standard "t" posts and has two control handles that you must pull down for it to operate. One handle controls the air pressure valve; the other is a safety lock.

The Thumper sells for \$349. Contact: FARM SHOW Followup, Kluhsman Farm & Machine Inc., R.R. 1, Box 65A, Lockwood, Mo. 65682 (ph 417 232-4948).

### SIMPLER DESIGN MAKES IT EASIER TO INSTALL

## New Corner Post Stands Strong In Any Soil

"It lets me put up fence in rocky ground where conventional fencing systems don't work," says Clyde King, Crane, Mo., about his new corner post system that gives the strength of a double H system but requires less work and shallower holes to erect.

The corner system uses lightweight 2½-in. dia. high tensile galvanized tubular steel posts anchored in steel reinforced concrete base pads. The key to the system is the way it directs the forces pulling on the corner to the base rather than to the posts themselves so there's no bending or distortion of the posts themselves and you don't have to depend on the stability of top soil to hold the posts in place.

The corner post is set in a hole 30



With new corner post system you don't have to depend on soil stability to hold posts in place.

in. deep. Each corner brace rests in a hole 24 in. deep on a small concrete pad. As the fence loosens up, it can be quickly tightened by loosening a U-bolt and tightening the brace.

The corner system adapts to any corner angle. "It takes one-half the time, labor and expense of conventional systems and one man can do the job," says King, noting that the University of Missouri is already using the new fence system. The corner is designed to withstand 1,500 lbs. of pull in either direction and can be insulated for electric fence. Everything needed to put up a complete corner sells for \$39.85.

For more information, contact: FARM SHOW Followup, FAST Company, Rt. 1, Box 170, Crane, Mo. 65633.