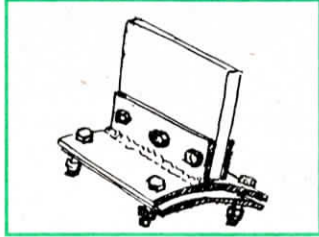


panels for gates but I was not satisfied because they were too flimsy and flopped around. It finally occurred to me that livestock panels were like sheet metal. When they're flat, they're flimsy but when they're crimped in ridges they can be quite rigid. I have developed an inexpensive hand tool that puts 3 ridges in a 16-ft. panel in about 8 min. The ridges decrease the height of the panel by about 4 in. These rigid panels make good gates or corrals and also work well for temporary fence repair. The tool requires no power and can be used on any fairly flat area. I sell the panel bender for \$25 postage paid. (Vic Stratman, HCR 71, Argyle, Mo. 65001 ph 314 422-3929)

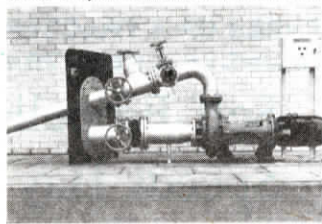
I'd like to give FARM SHOW readers an update report on our Posiflow paddles for combine feeder augers that boost capacity of conventional combines up to 25% or more



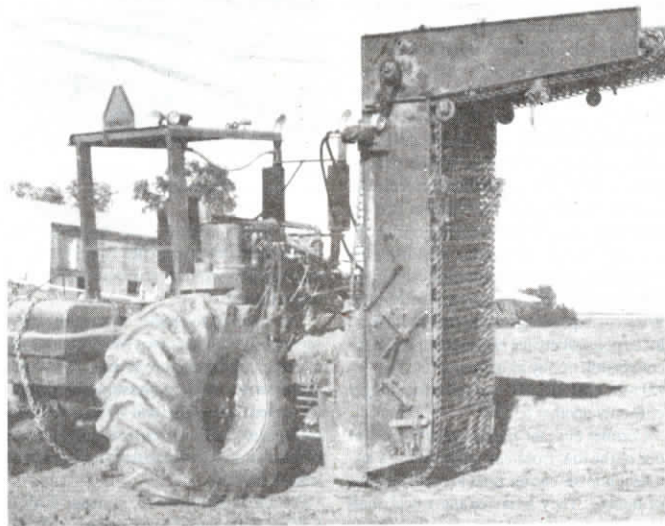
under any conditions. Victory Equipment Ltd. of Lethbridge, Alberta, is now producing the paddles for co-inventor Ray Wishman and myself. They make the paddles in one piece from a high-tech, super-hard plastic material. They sell for \$120 for a set of two. We've had tremendous success with these paddles but in one respect I think we have failed to communicate that while the paddles help combines to perform under marginal conditions, they are designed to do the most good under normal threshing conditions. Nearly every combine with a platform auger, both conventional and rotary, needs these paddles to perform to maximum design capacity. (Don Hicks, Box 321, Geraldine, Mont. 59446 ph 406 737-4342)

We developed this small steel button to go on the springs inside clutch assemblies on farm tractors. It practically eliminates clutch disc blowouts by distributing the pressure and wear of the springs over 100% of the stop area instead of only 30 to 50% as with a standard clutch. We install the clutch buttons on 3 models of Rockford clutches on tractors, including all IH models and many Case, Oliver, Massey, and White models. Not only does the button increase clutch life up to 100%, it also prevents springs from wearing through the stops and working loose to wedge between the disc and the flywheel, which can disable a clutch and create a life-threatening situation. We rebuild clutches commercially and install these in all our rebuilt clutches (each clutch requires 10 buttons). We're able to supply them to anyone interested. (Ken Theobald, Theobald Custom Manufacturing, Box 278, Stacyville, Iowa 50476 ph 800 747-2161 or 515 737-2161)

This new-style aerator is designed for new or existing above-ground slurry storage tanks. Only the venturi barrel extends into



the tank and all moving parts are located outside at ground level for easy maintenance. The unit keeps solids in suspension and injects atmospheric oxygen to reduce odor. The high level of odor control allows spreading of the treated slurry near town or new housing developments without causing offense. We're looking for a U.S. distributor. (Tom Maguire, Maguire & Company, Honeyborough, Neyland, Milford Haven, Dyfed England SA73 1SE (ph 0646 601300)



I read about the self-propelled beet harvester built in England in a recent issue of FARM SHOW and thought many of your readers would be interested in a self-propelled 2-row digger-topper machine built by Oregon farmer Dick Lee. Before building his current machine, Lee built several previous beet harvesters using various combinations of tractor power units and engines to power the digger and topper. Many of the lessons he learned building previous self-propelled machines were incorporated in this new machine which he started in 1984. He first bought a used 696 Hesston 6-row pull-type harvester. A Detroit 6-71 engine with a 16-speed transmission was used for the drive

train. Rear wheels were positioned behind the lifter wheels for better traction. He used 30.5 by 32-in. tires on the rear and 14.5 by 24-in. tires on the front. The digger parts are all hydraulic-driven and the machine is fitted with an upright squeeze type elevator. Front and rear steering make the machine more maneuverable and the centered and low operator position improves visibility and ease of operation. In 1987 he replaced the engine with an 8-71 Detroit producing 318 hp. The extra power lets Dick dig a 14-ton load in 2 1/2 to 3 1/2 min. Digging his 425 to 500 acres of beets is now a relatively short job. (Don Bowers, 1000 N. C. Street, Parma, Idaho 83660 ph 208 722-5715)

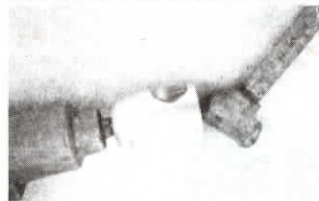


We've come up with a handy way to tie up bundles of newspapers for recycling using a cardboard box. Two lengths of twine lie across the bottom of the box, held in place by cuts in the sides and ends of the box. When the box is full of paper, the ends are tied and the paper lifted out. Works great. (Alice & Robert Tupper, 608 E. Elder, Canton, S. Dak. 57013)

It seemed to take forever to crank my 40-fr. bale elevator up and down until I rigged up a power shaft to do the cranking with a tractor axle. All I do is jack up the rear of the tractor with a hydraulic jack and run a power shaft from the elevator winch to an adapter that slips over the end of the axle. Takes just a minute or so to set up and raises and lowers the elevator with ease. (Kirk Deardorff, Box 164, Hale, Mo. 64643)

After reading about professional gopher trapper Jerry Stager in the last issue of FARM SHOW, I thought I'd pass along an idea that has worked well for me. Instead of blowing up gophers in their tunnels using propane, the way Stager does, I spray anhydrous ammonia down the tunnels. I refitted a propane pressure tank with N-H3 fittings so my fertilizer supplier could fill it with anhydrous. Then I attached about 10 ft. of high pressure hose with a needle valve placed a few feet from the free end. This makes for easy control whether you use gas or liquid. I poke the free end of the hose into a burrow or gopher hole, stomp some dirt around it, and then stand on the hose where it enters the ground. When I turn on the hose, it annihilates anything in the burrow and all connecting burrows. It doesn't take much and it helps to have someone else there to stop shut any additional openings that show up as gas escapes. Extreme care must be taken because anhydrous is extremely dangerous. However, it may not be any more dangerous than the miniature "Hiroshimas" Stager creates when he sets off his underground explosions, and it certainly isn't as exciting. (Haven E. Buob, HCR 2, Box 214, Coulee City, Wash. 99115)

I am trying to find a manufacturer for a new tool I've invented. It's a pipe fitting socket that lets you put on elbows and "tees" using either a ratchet or an impact wrench. The sockets for 1/2-in. elbows and tees are about 3 in. tall, 2 1/8-in. in dia. and have a 1/2-in.

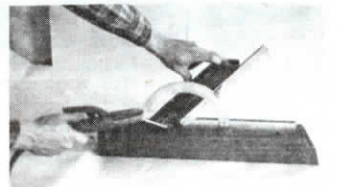


sq. drive in the top to accommodate the square drive shaft of an impact wrench or ratchet. Larger or smaller sizes can easily be produced. To tighten a fitting, the user first starts threading the pipe fitting onto the pipe by hand and then places the tool over the elbow or tee. It really speeds up the work when you've got a lot of plumbing to do and

makes it easy to get a grasp on fittings that otherwise don't have much to hold onto with a pipe wrench. (Bill Bayer, Rt. 2, Box 59, Muenster, Texas 76252 ph 817 759-2514)

I enjoyed your article in Vol. 13, No. 2 about a farmer who built a tractor that runs on wood smoke and was fitted with a wood burner instead of a gas tank. I thought FARM SHOW readers might want to know that they can buy plans to build their own wood-gas generators to power pickups or tractors from Mother Earth News magazine. The plans cost \$15 (plan #MEP016). The address is: Mother Earth News, P.O. Box 11249, Des Moines, Iowa 50340. (Henry C. Arnold, 1137 Ridge Rd., Dillsburg, Penn. 17019)

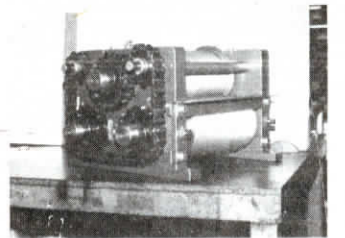
I made my own magnetic protractor to hold metal objects in place at the exact angle desired while I weld. It's like an extra pair of hands. I simply set the protractor to the



exact angle, position the metal object, and weld. It's like an extra pair of hands. I can select any angle from 20 to 160°. The protractors are now on the market from Implement Dealers Supply (Mountain Lake, Minn. 56159 ph 800 523-6227) and sell for \$35.95. (DeWayne Peters, Rt. 2, Box 240, Mountain Lake, Minn. 56159 ph 507 427-3362).

Here's an idea we use to increase chisel point "mileage" on our chisel plow. You just cut the end off a worn-down chisel point and weld it to the back of a new one. When that end wears off, you can turn the chisel upside down and do that same thing on the other end. (Martin Kenzie, Rt. 2, Vermilion, Alberta, Canada)

My new farm-sized cane mill for crushing sorghum or sugar cane has a capacity of 1 ton of cane per hour. The mill consists of three horizontal solid steel rolls positioned in a triangular fashion. Each roll is 5 in. in dia.



and 8 1/2 in. wide. The rolls are V-grooved with 6 grooves per inch. Mill speed can be adjusted from 5 to 16 rpm's, depending on the hardness and size of the cane. All parts can be easily replaced, and maintenance is kept to a minimum. As far as I know, there's no other machine like it on the farm for on-farm, or community, cane crushing. (A.P. Gaubert, P.O. Box 306, 710 Lafourche St., Lockport, La. 70374 ph 504 532-2641)

We've got an unusual farm business your readers might be interested in. We raise and sell Indian corn seed and package it to sell in packets or in bulk. A large individual packet sells for 75 cents for anyone who might want to try it. (Rich & Patty Lange, Shady Lane Farm, 1214 Southwest Road, Platteville, Wis. 53818 ph 608 348-4105).