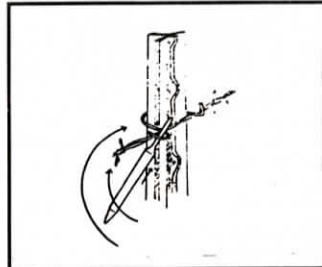


only about \$1,400 to build it. (Peyton Smith, 145 Quail Road, Covington, Tenn. 38019 ph 901 476-9094)

I set up an electric fence to keep groundhogs out of my garden. I use survey stakes - with small pieces of flexible 1-in. PVC for insulators - to string electric wire about 5 in. off the ground. Then I hang pop tops, or small strips of aluminum cut from cans, from the wire. To reduce grounding and improve effectiveness of the fence, I use Roundup to kill weeds under and around the fence. (John Jayne, 1530 U.S. 60 West, Moorehead, Kent. 40351)



Here's a new fence tool for hanging wire on steel fence posts with wire clips. The "Tie-Bar" makes it easy to quickly and securely fasten fence wire to posts.

Place wire above notch on T-post. Attach "C" end of clip onto wire, bring around back of T-post so that end "D" of clip crosses above wire on opposite side. Insert "B" end of Tie-Bar under wire and through loop of end "D" of clip. Rotate up and away, wrapping around wire until Tie-Bar detaches. Then insert end of clip into hole at "A" end of Tie-Bar and wrap it around wire. Do the same on the "C" end of clip.

The Tie-Bar tool sells for \$19.95 (plus S&H). (Vincent Sanchez, F&S Enterprises, P.O. Box 424, Lordsburg, NM 88045 ph 505 542-3590)

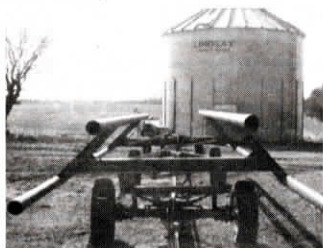
Some of your readers may be interested in my well-pulling unit. I have been dabbling around in the water well service business for years, pulling wells with a block and tackle. I got the idea to build my own "sneal". It doesn't telescope like a commercial sneal, but it does have a turntable made from a combine final drive. All you do is get the truck as close to the well as you can and it'll extend out the side or back, as needed. Once you park the truck, there's no need to move it again. This device has exceeded all my expectations in versatility and reliability, especially since it didn't cost much. I made toolboxes out of 6 junked washing machines. The boom is lifted by 12-volt hydraulic. The pivot is hand cranked. Pulling power is an electric winch in front of a lawn mower transmission with remote controls so that pulling a well is a 1-man job. The operator can take the controls with him down into the well pit, or under the windmill, and perform all operations from on the well site. (Tom Keith, Rt. 1, Box 15AA, Oakwood, Okla. 73658 ph 405 891-3569 or 623-5084)



Due to interest in my "made it myself" self-propelled home-built backhoe (Vol. 17, No. 1), I've put together 17 pages of dimensioned AutoCAD drawings, a video, and a documentation package to assist other do-it-yourselfers. I will send out information on

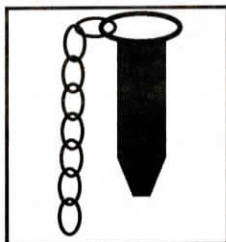
cost and content to anyone who sends a self-addressed stamped envelope to me. (John Mikulas, 8836 Little Catawba Creek Rd., Troutville, Va. 24175)

The "Easy-To-Use 3-Pt. Log Carrier" described on page 7 of the January-February issue looks like an unsafe device. If the log is towed by a chain that is fastened to the raised lift arms, that's equivalent to hitching above the tractor axle. Should the towed log become caught on something, such as a stump or a rock, the draft would be above the axle and the tractor would overturn to the rear. (R. Bruce Hopkins, Professional Engineer, 2524 Timber Dr., Cedar Falls, Iowa 50613)



We built this 30-ft. long self-unloading bale trailer for our own use. It worked so well, we're now building them for sale. It'll hold 10 big round bales on two hydraulically-tipped cradles down either side. You can unload in less than 10 sec. without stopping. We built it out of heavy-walled (3/8-in. thick) steel pipe and square tubing (12-in. sidewall) mounted on a 4-wheel running gear. Two hydraulic cylinders, each connected to both bale cradles by a linkage, unload the bales off either side when retracted.

We built the trailer so we could get all my hay home as it was baled instead of stacking it alongside fields and hauling it home later in the fall. The 10-bale model sells for \$4,895. We can make smaller 8 and 6-bale models. We can also fit it with a gooseneck hitch for an extra charge. (Tim Jager, Rt. 1, Box 87, Lake Norden, S. Dak. 57248 ph 605 785-3154 or 3158)



We weld 12 in. of 1/2-in. chain to the top of drawbar pins. This adds weight that pulls down on pins at an angle. Since we started doing it, we haven't had a pin bounce out yet on the road or in the field - even in stalks or heavy snow. (Jeff Mollard, Rt. 8, Parkhill, Ontario, Canada)

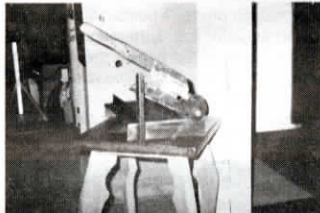


Many states are looking at requiring lights on all farm equipment taken over the road. We think this is the simplest and easiest-to-use flashing light on the market. It's designed to slip into an SMV bracket so you can either slip it into an existing bracket or mount new brackets on several pieces of

equipment and use the one light on all of them. It runs on a 6-volt battery which will operate it for several hundred hours. The amber light (also available in red) can be seen for up to a mile. Best of all, there's no expensive wiring harness that just gets caught in trash in the field. Sells for \$22.50. (Gary Goodlove, Agri-Safety Inc., 1 Orchard Lane, Hawthorn Woods, Ill. 60047 ph 800 777-2991)



Our "Octopus Bag Lift" helps put heavy silage bags onto silage bagging machines. It bolts onto the side of the truck box so you still have room to carry bags and other equipment in the pickup. It has lift arms that stretch the bag all the way open. You crank up the winch to stretch it open and then just slip the bag onto the bagging machine. Eliminates all heavy lifting and is ideal for anyone who does custom bagging or rents out a bagging machine. (Hugo Woldt, W & W Bagging, N9594 Cty. PP, Brillion, Wis. 54110 ph 414 864-7737)

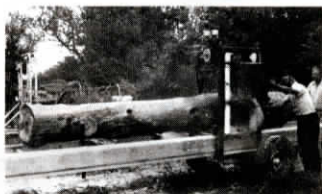


I made this cutting table to cut off baler belts. It measures 5 by 12 in. I cut down a knife from a chopper and put a handle on it so it pivots on one end. It cuts belts straight so they're ready for fasteners. (Roy Heinle, Rt. 2, Box 48, Glen Ullin, N.Dak. 58631)

I've noticed a number of companies now sell add-on hydraulic outlets for older tractors. The cheapest way I know of to add outlets is to use a selector valve that you can buy from auto parts stores for about \$99. I just put two

short hoses on it to plug into the tractor's outlets and put 4 couplers in the valve and it lets me run two cylinders with the single valve. Another advantage is that you can easily move it from tractor to tractor. Hope this idea helps someone. (Glen Woodside, Rt. 3, Thorndale, Ontario N0M 2P0 Canada ph 519 284-3509)

I'm sending along a photo of a band-type sawmill I made in my shop. It mounts on the frame of an old school bus which had straight and parallel frame members and makes the mill portable. The engine is an electric start 18-hp. Kohler. It drives the bandsaw wheels. A power steering pump is also driven off the engine output shaft and it drives a hydraulic motor-driven capstan drum that moves the



saw along the frame. Travel speed is controlled with a flow control valve. The saw head is raised and lowered by a 12-volt electric winch. It works as well as professional rigs that cost many thousands of dollars.

Here's another idea that may be of help to others. It's common practice to put a light bulb under a welding rod cupboard to keep the rods dry. Bulb life can be as short as 2 weeks, which is annoying. I installed a second bulb receptacle and wired the two bulbs in series, halving the voltage on each bulb. I presently have a pair of bulbs approaching 4 years of continuous service. (Alan Maclean, Rt. 1, Kingston, Ontario K7L 4V1 Canada)

I wanted to let you know that I tried an idea I read about in FARM SHOW that works great. It's a way to kill ants that was developed by Harold Bailey, "The Friendly Trapper", from Ohio (he has a \$12 book full of other do-it-yourself hints to kill pest insects, rodents, and animals - call 216 549-2010). All you do is mix 20 Mule Team Borax with sugar in a 50-50 mixture and spread it around wherever you've got ants. It's cheap, long-lasting, and effective. Ants love it but it kills them. (Dan Shannon, Normangee, Texas)



I'm looking for help from FARM SHOW readers. I'm a professional engineer in England and I'm doing a book on the patents, history, and development of tractor and toolbar-mounted combine harvesters. I've already documented more than 100 machines, some of which have appeared in the pages of FARM SHOW. I'm particularly interested in harvesters and stripper combines that could be dismantled after harvest, leaving the tractor free for other duties the rest of the year. Gleaner, Ferguson, New Idea, and IH all made such machines. If you've got a mounted machine, or if your

father or someone you know had one, I'd like to hear from you. What was it, who built it, and how did it work?

The attached photo shows a 1956 Ferguson FE-2 which never made it to market. The company only built a few prototypes. This photo is actually of a 1/6-th scale model built by Billy Smith, an 82-year-old retired engineer who spent over 3,000 hrs. making it from photographs. All drums and augers on the prototype work. (Andrew J. Sewell, The Poptars, Redburn, Bardonia Mill, Northumberland, NE47 7EA England ph & fax 0748 850 905)