

matches the aerodynamic look of today's trucks, and it doubles the strength in each corner by placing load pressure in two spots. The floor on both sides is sloped at a 45-degree angle about 10 in. from each side and is welded to both sides for extra strength. In fact, there isn't a 90-degree corner anywhere in our boxes. The sheet metal sides are 4 in. wide and are tucked inside stakes. Outside at the bottom, the sides slope down for extra strength and to keep anything from sticking.

The box's top rail is made from 2 by 4-in. rectangular steel tubing laid flat which makes the box incredibly strong. We can add a 2-ft. extension on top to make the box 85 or 86 in. high. The tailgate is raised by a pair of hydraulic cylinders that are tucked in between the stakes - the driver doesn't even see the cylinders in his rear view mirror. The tucked-in cylinders allow you to pull a tarp over to the side and still be able to use the tailgate. When the tailgate is all the way up it sits horizontally about 8 ft. above the floor.

We use 4-in. channel irons for stringers under the floor and 5-in. channel irons on the main outside frame rail and standard 11-ga. sheet metal for floor and sides. We can make boxes in 14 to 26 ft. lengths for any truck brand including Freightliner, Chevrolet, Ford, Peterbilt, etc. The boxes sell for \$4,000 to \$8,000 depending on equipment and length. We can even convert semi tractors by removing the sleepers and fifth wheel hitches, stretching the frame, and installing a double hoist. **(Randy Schwindt, Aeroswint, Rt. 1, Box 144, Utica, Kan. 67584 ph 913 391-2277)**

I got tired of having to fight 700 lbs. of beef on the end of a halter rope whenever I halter broke my annual crop of weaned calves. My homemade metal halter, copied from a neighbor, makes the job easier. The halter consists



of a nose band and a chain that fits behind the animal's ears. The nose band is a 24-in. length of 1/2-in. dia. steel rod shaped into an 8-in. wide oval and welded together. I welded a 4-ft. length of 1 1/2-in. chain to the center of one side of the oval, then welded a snap hook to the other side of the oval so that the chain can be adjusted to fit behind the ears of any size animal. A welded steel loop, added to the front of the oval, allows a lead shank to be secured.

I let the calf get used to wearing a rope halter for an hour or two each day for two or three days. Then I replace the rope halter with the steel halter and tie the bull to a fence for an hour every day for three or four days. The calf can then be taught to lead, by hand, or the halter's lead shank can be attached to a donkey. Whenever the donkey moves the calf has no choice but to go with him and soon learns to yield to pressure on the halter. **(John Pshyk, Box 121, Glendon, Alberta, Canada T0A 1P0 ph 403 635-2377)**

Thanks for the article on our portable "double chain saw" sawmill (Vol. 20, No. 5). Since it was published we've received almost 3,000 requests for brochures. We now offer a "Plans Book" that consists of 43 pages of measured

drawings (most full scale), photographs, and text. A parts supplier list for the hard-to-find materials is included. We can also supply in-



dividual parts kits if you find things that you don't want to build or find too difficult to do yourself. We hope this will help those folks who want a sawmill but want to save money by making it themselves. We'll soon offer other plans books, including ones for a "single chainsaw mill", a "build-it-yourself bandsaw mill", and a small "swing blade circular mill".

Call toll-free 888 688-8769 for more information. **(Fred Gore, Timber Technologies, Inc., 3774 Bleak House Rd., Earlysville, Va. 22936 ph 804 978-4636)**

Anyone who restores antique Deere tractors will be interested in the reproduction hoods I make. Eliminates the need to hammer dents out of old hoods and fill them in with body



putty. They're available for A, B, D, G, GP, and L models which were all built before 1940. I also make hoods for the 430 and 330 models. The hoods come ready to paint. They sell for \$145 except for the 430 and 330 models which sell for \$350. It often costs more to have a body shop repair an existing hood than to put our new one on.

I built my own 350 bu. grain cart using the front wheels and axles off an old Case combine. The box is made from 12-ga. sheet metal and is equipped with a pto-driven, 12-in. dia. auger. I bought the gearbox and pto shaft for the auger cheap at an auction. I made the hitch quite long to make it easier for my Deere 4020 tractor to pull the wagon. However, next time I'd make the hitch shorter in order to put more tongue weight on the tractor. The auger is folded hydraulically by a cylinder that operates off the tractor hydraulics. A hydraulically-operated flow gate inside the wagon shuts off the grain supply to the auger. **(Dave Geyer, 1251 Rohret Rd. S.W., Oxford, Iowa 52322 ph 319 628-4257).**

I used the 8-in. aluminum I-beams from a wrecked beer trailer to build my own 24-ft.



long gooseneck trailer. It can haul up to 8 round bales weighing 1,300 lbs. apiece.

The cross members and the deck (not shown) were from a wrecked refrigerator semi-trailer. Equipment for the rest of the trailer was either purchased new or at auctions. The trailer is completely aluminum with



My daughter and son-in-law raise about 14 acres of sweet corn each year which they pick by hand and sell at a roadside stand. My home-built, self-propelled sweet corn "sleigh" makes the job easier.

The 3-wheeled rig straddles two 40-in. rows and can hold up to 8 sacks of corn. The sacks sit on a steel tray that runs down the center of the machine. The driver fills the sacks as he goes along and lifts them onto the tray. Once the sacks are full he drives to the end of the row, releases nails that hold the sacks up, and removes the sacks.

The rig is powered by an 8 hp gas engine and is driven by a single front wheel off an old motorcycle. The engine belt-drives a hydraulic pump that chain-drives the wheel. The rear wheels are off an old Deere grain drill. All controls are at the back where the picker can stand on the tray as he drives. A hand-operated winch with cable is used to steer the wheel. Separate control levers are used to adjust speed and to shift from forward to reverse. The machine's frame is made from 4-in. sq. steel tubing which also serves as a

all bolts made from stainless steel. It weighs 4,500 lbs. and has a rear axle weight of 2,200 lbs. **(Bill Simons, HC 1, Box 315 D, Pearce, Arizona 85625 ph 520 824-3250)**

Our gate dolly designed for gates 8 to 20 ft. long easily rolls over any surface and eliminates sagging and dragging. It's made from 1-in. polyester-coated angle iron and rides on a 6-in. dia. plastic hub wheel. To mount it, you



just bolt it on - no drilling is needed. Two models are available, one fits 1 5/8-in. to 2-in. dia. tubular gates and the other fits flat or nearly flat-structured gates. Each sells for \$24.

We also sell plastic fence posts that are ideal for rotational grazing because they can easily be moved. The plastic posts are non-conducting so there are no shorts to ground and no insulators are needed which makes them easy to install. Reusable safety pin clips make installation quick and easy. The posts are 40 in. high and pre-drilled for 24 and/or 34 in. high electric fences (other height and thickness for posts are available for special applications). Sell for \$79 per 100. **(Dick Hauser, Neptune Enterprises, Rt. 2, Box 226, Richland Center, Wis. 53581; ph 800 272-7547 or 608 585-4808).**



hydraulic reservoir for the pump. The 8-ft. high rig will clear 10-ft. high corn stalks with no problem.

To sell the corn we built a 14 by 8-ft. hip roof barn with a window on each side, allowing us to direct vehicles to either window. One person can service both windows and the customer never has to get out of his car. **(R.E. Mitchell, 7725 Chilliwack River Rd., RR 1, Chilliwack, B.C., Canada V2R 4L8 ph 604 795-7556).**

STATEMENT OF OWNERSHIP, MANAGEMENT, AND CIRCULATION (Required by 39 U.S.C. 3685) 1A. Title: FARM SHOW. 2. Publication No. 01634518. 3. Date of Filing: October 1, 1997. 4. Frequency of Issue: Bi-Monthly. 5. No. of issues published annually: 6. Annual subscription price: \$15.95. 7. Complete mailing address of known office of publication: P O Box 1029, 20088 Kenwood Trail, Lakeville, MN 55044. 8. Complete mailing address of the headquarters of general business offices or of the publisher: Same. 9. Full names and complete mailing address of publisher, editor, and managing editor: Publisher, Mark Newhall, P O Box 1029, 20088 Kenwood Trail, Lakeville, MN 55044. 10. Owner: Same. 11. Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages, or other securities: none. 12. Publication name: FARM SHOW. 13. Issue date for circulation data below: Sept/Oct 1997. 14. Extent and nature of circulation: A. Total no. copies (Net press run). Average no. copies each issue during preceding 12 months 152,500. Actual no. copies of single issue published nearest to filing date 160,000. B. Paid and/or requested circulation. B1. Sales through dealers and carriers, street vendors, and counter sales. Average no. copies each issue during preceding 12 months 148,750. Actual no. copies of single issue published nearest to filing date 156,230. B2. Paid or requested mail subscriptions: Average no. copies each issue during preceding 12 months 148,750. Actual no. copies of single issue published nearest to filing date 156,230. C. Total paid and/or requested circulation: Average no. copies each issue during preceding 12 months 148,750. Actual no. copies of single issue published nearest to filing date 156,230. D. Free distribution by mail: Average no. copies each issue during preceding 12 months 2,800. Actual no. copies of single issue published nearest to filing date 2,520. E. Total distribution outside the mails: Average no. copies each issue during preceding 12 months 0. Actual no. copies of single issue published nearest to filing date 0. F. Total free distribution: Average no. copies each issue during preceding 12 months 2,800. Actual no. copies of single issue published nearest to filing date 2,520. G. Total distribution: Average no. copies each issue during preceding 12 months 151,550. Actual no. copies of single issue published nearest to filing date 158,750. H. Copies not distributed: H1. Office use, leftovers, spoiled. Average no. copies each issue during preceding 12 months 950. Actual no. copies of single issue published nearest to filing date 1,250. H2. Return from news agents. Average no. copies each issue during preceding 12 months 0. Actual no. copies of single issue published nearest to filing date 0. I. Total. Average no. copies issued during preceding 12 months 152,500. Actual no. copies of single issue published nearest to filing date 160,000. 17. Percent paid and/or Requested Circulation. Average number during preceding 12 months 99 percent. Actual number of single issue published nearest to filing date 99 percent. I certify that the statements made by me are correct and complete. Mark Newhall, Publisher/Owner.