

The table on the splitter is made from two 4-in. I-beams mounted side-by-side for an 8-in. wide table that makes splitting large chunks easier. The splitter's powered by a simple hydraulic pump that's chain-driven at a 4 to 1 ratio off the tractor pto. I designed an automatic control valve that stays in the "on" position until it's kicked off automatically at the end of the stroke when it strikes the back plate, withdrawing the splitting piston. It lets me throw wood into the wagon while the splitter is splitting. (Stanley Cook, 1698 W. Tr. 132, Tiffin, Ohio 44883)

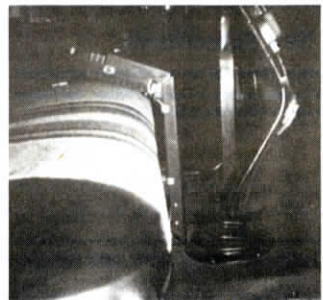
Back in 1955 I welded a 2 1/2-in. sq. steel prong on the reverse side of the trip hammer on my International 45 baler to make two smaller bales that weigh only 35 lbs. apiece. I made the modification because my wife couldn't lift the conventional-size bales. I used a long-handled pitchfork to throw the bales onto the wagon. We were able to work all day without getting tired. Whenever the prong made a 360 degree rotation and contacted the trip hammer it tied a new bale. It never failed me. (J. Mitchell Blose, Yatesboro, Penn. 16263)



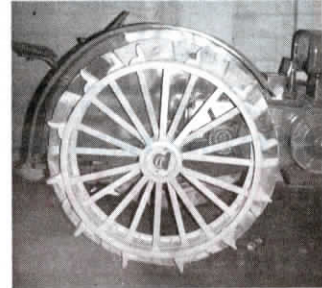
Our new "Super Boy" bean rider is equipped with a hydraulic-tilt dump box and fold-down rear tailgate that lets you use the machine for many jobs other than spot spraying of soybeans. The box, which is about the same size as the box on a Deere AMT, works great for hauling fence building materials, picking up rocks, hauling gravel, etc. The electric-start rig is powered by an 18 hp Briggs & Stratton gas engine and its transmission has a high and low range, with 4-WD in high range and 2-WD in low range. As a bean rider the "Super Boy" can be used as a 1, 2 or 3-seater. A 3-seater sells for about \$9,800. (Mike Lundon, Distel Grain Systems, Inc., Box 108, Le Sueur, Minn. 56058 (ph 612 665-6776).

In an emergency, it's absolutely essential to have the controller for auxiliary electric trailer brakes placed where your right hand can literally fall on it. My 1977 Dodge pickup has bucket seats and a center console, the lower section of which is a storage box. Turning the hydraulic controller box on its side (electronic, or inertia-operated pendulum-type controllers won't work in this position) and mounting it to the driver's side of the console storage box put the controller in perfect position to reach.

The photo shows a lever I made for the trailer brake controls on a 1976 Chevrolet grain truck which has bench seats. It's an "electronic" controller requiring mounting at approximately a 30° angle above horizontal. The manufacturer recommends mounting it to the lower face of the dash. However, the dash isn't sturdy enough and doesn't lend itself to a safe, convenient reach anyway.



The solution I came with was to use a 26-in. length of 1 by 4-in. C-channel iron bent back 90° at the bottom for 4 in. to form a base that bolts to the floor. It rises straight up 16 in. along the front of the seat and then bends back at a 30° angle for 6 in. over the seat. The controller mounts inside the bent section over the seat and all wiring is protected inside the vertical section. The controller is up against the driver's right knee but doesn't interfere with the gear shift lever or hoist lever, and leaves room for a passenger in the middle. (Dave Nicholas, 8347 SR 28 E., Martinsville, Ohio 45146)



We had trouble driving our steel-wheeled Deere 1929 D in parades or on the road but solved the problem by bolting wood blocks to the wheels between the inside lugs. We bolted them to the rims with 6-in. long 3/8-in. bolts. We pulled the head of the bolts down

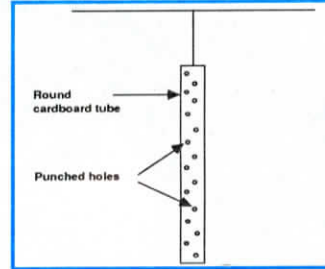


about 1/2 in. into the wood to keep them from hitting the street. The rim already had square holes punched in the rim, probably for additional lugs. The blocks, which we made out of 4 by 6-in. wood, fit tightly between the lugs so they can't shift from side to side. We only put blocks on the inside lugs so people can still see the outside row of lugs. So far we've had this tractor in 10 parades with no problems. (Tom Snyder, Rt. 1, Box 323, Underwood, Iowa 51576)



We love FARM SHOW and find good information we can use in each issue. After reading your article in the last issue about new mini exotic animals, we thought you might be interested in our Nigerian dwarf goats. They're another mini exotic with a bright future. They originated in Africa where villagers raised them for milk production. They're a true miniature because their body conformation is so similar to that of larger dairy goat breeds yet they stand just 16 to 22 in. tall at the withers. They're fine-boned with a long refined neck and come in a wide variety of colors. Their hair is short and fine during summer but thick and woolly when it gets colder. They easily adapt to any region of the country. Milk production is generous for their size at as much as 1 1/2 qt. per day. They start producing offspring at one year. Single births are common the first time and after that twins, triplets and quadruplets are all possible. Because of their size, these goats are easy to care for and economical to raise.

We offer one of the best selection of Nigerian dwarf goats found anywhere, including a wide variety of colors and unrelated males and females, since we are breeding five different bloodlines currently. All our goats are registered with the American Goat Society. (Dan R. Randall, Rt. 1, Box 67, Pilot Grove, Mo. 65276 (ph 816 834-3656)

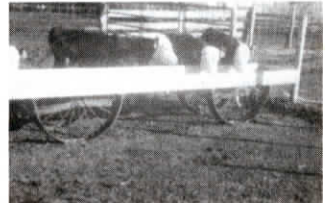


These "sticky tube flytraps" work great in the house or barn. I use cardboard tubes about 2 in. dia. by about 20 in. long. I put regular flypaper ribbons inside and then punch about 35 holes in the tube for flies to enter. The advantage of this design is that the flies are caught inside so you can't see them. I have written the company that makes flypaper ribbons to ask about purchasing the "lure glue", as they call it, so I can paint the inside of the tube without using ribbons. (Lloyd Twite, P.O. Box 52, Carpio, N.Dak. 58725)

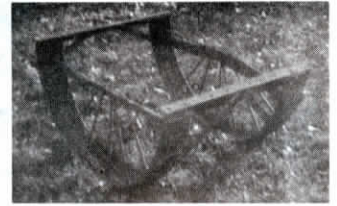
I made a 6-ft. wide hydraulic-controlled blade out of scrap steel for my Farmall Super C, which didn't have a 3-pt. hitch. It attaches directly to the axle housings with U-bolts and a channel iron cross brace rests on top of the drawbar. I made the blade by welding 5 pieces of 1/4-in. thick flat iron strips together. It's raised and lowered by a 2-way



hydraulic cylinder that's anchored on one end to a steel "tripod" above the drawbar - the other end attaches just above the blade. When the cylinder retracts, the blade pivots up 18 to 20 in. off the ground. I plumbed the hydraulics into the Super C's existing hydraulic pump by removing two plugs in the side of the pump and tapping in with two outlets, and installing a control valve that mounts up by the operator. I use the blade to move snow and dirt. It works so well I thought other FARM SHOW readers with smaller, older tractors might be able to use the idea. (Ron Fier, Rt. 1, Box 207, Delmar, Iowa 52037)



We make feedbunks out of wood supported by curved "legs" made out of steel wheels off old farm machinery. They work very well. The feed trough is made out of 2-in. planks. We make the legs by cutting steel wheels in half and removing the center hub, leaving the spokes in place. We weld the spokes to a piece of flat iron that runs across the top of the cut-off wheel and then run 2-in. angle iron between each pair of half wheels. The trough planks bolt to the angle iron. We center each pair of wheel legs about 3 ft. from either end of the bunk. We've used this



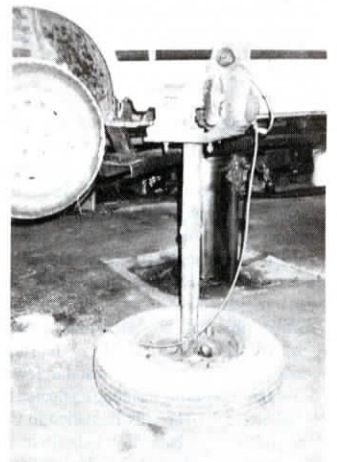
design for about 10 years and have built several different-sized bunks. We like them because they're solid - safe to walk in - and they're easy to move. (Glen Ideus, Rt. 1, Box 122, Cortland, Neb. 68331)



I enjoy your magazine a lot. I own and operate a small town lumberyard which, like farming, requires some extra thinking to keep going. I've had a lot of interest in this "solar" calf saver nursery that's got a completely open front to let sun shine in. Individual stalls help control disease. It's got rear summer vents and slide-in top front winter draft panels. You can also slide in bottom wood panels for zero degree days. It has flip-up manure doors and optional slotted wood floor. The roof and sides are Wheeling White Pandeldrain Iron. This 5-calf shed is easy to move. All exposed lumber is treated. We sell it for \$695 without the floor. (Irvn D. Dierking, Dierking Lumber Co., Box 188, Fairview, Kan. 66425 (ph 913 467-3885)



I'm sending along a photo of a bus I converted to a hay truck. I can haul 283 square bales or 15 850-lb. round bales. I call it my "Legume Limo". (Laurence Kent, Box 32, Jasper, N.Y. 14855)



I made a portable grinder by bolting a grinder and electric motor onto the top of a 2 1/2-ft. high pipe. The bottom of the pipe is welded to the rim of a car tire. (Gary Vorce, 32350 Co. Rd., Akron, Colo. 80720 ph 303 345-6703)