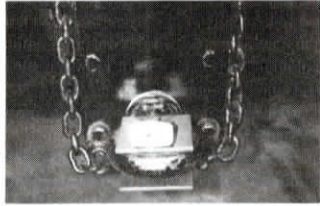


and then drop the deck back down. Then I drive ahead and dump the other row of bales by turning the "stops" down.

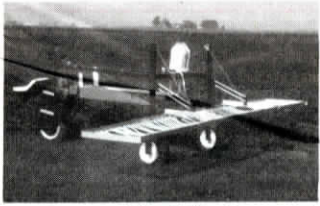
The bale bus has a 2-speed rear end and a 5-speed transmission. (Joe Dugan, Box 906, Roblin, Manitoba R0L 1P0 Canada ph 204 564-2690)

I made an excellent plant starter for garden plants out of an old chest-type freezer. I hang a 2-bulb fluorescent light fixture on the inside of the door from two small chains. Then I put a shelf inside the freezer about 19 in. down from the door. I covered the shelf with a 2-in. layer of sand with a heat tape running through it to provide heat because the freezer is in an outbuilding with no heat. I prop the door open at different heights to control temperature. My plants have survived rather cold weather just by closing the top to about a 1-in. opening. I keep plants no more than 6 in. from the light. (C.E. Henderson, P.O. Box 63, Irvington, Kent. 40146)



I recently received my first issue of FARM SHOW. I enjoyed it very much and wanted to show your readers this lock I invented for pintle hitches. It consists of two flat plates that fit over either side of the pintle eye on trailer tongues and is held in place with a conventional padlock. One size fits all. Sells for \$19.95 plus \$3 postage. (Galen Fountain, Rt. 8, Box 60, Asheboro, N.C. 27203)

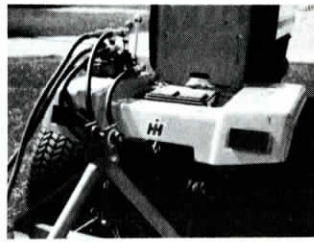
Several years ago we began manufacturing the Weber Weeder, a one-man self-propelled "bean buggy" (first featured in FARM SHOW's Vol. 1, No. 1 issue). Now we've



created a new "Weed Wiper" rope wick applicator to mount on the Weber Weeder. Lets the operator easily and quickly take care of heavy infestations in a fraction of the time it would take with a hook or hand sprayer. The 15-ft. wide Weed Wiper will take out all taller weeds above the row and you can still take out smaller weeds by hand. Weed Wiper can be raised or lowered from the seat and chemical level can be checked at a glance of the eye. It's the only wick wiper that can run through drilled crops without running on top of the row and run on ridges without damaging them. The 4-ft. ends fold up for transport. (Jeanie Ficklin, Ficklin Machine Co., Inc., 209 West Grant, Onarga, Ill. 60955 ph 815 268-7826)

I modified my Cub Cadet 149 mower so it has independent hydraulics. Lets me operate two implements independent of each other.

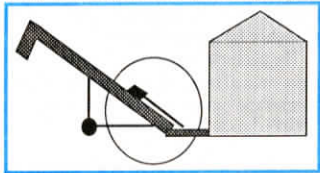
I fitted the tractor with a 3-pt. made for a newer model. All mounting holes had to be redrilled but we made it work. Then we installed a double two-way valve with open center, one outlet for the 3-pt. and the other for using another hydraulic cylinder. It mounts on the rear left fender. You must use an open center 2-way valve or the hydrostatic transmission will not work. I still cannot use two attachments simultaneously but it is now possible to use one attachment and leave another one on. The best use I've



found is to mount a 4-ft. Kubota grader blade (which I modified so I can angle it hydraulically) on the 3-pt. with a snowblower on front. A flow divider must be installed between the tractor's original hydraulics and the two-way valve. I still wasn't happy with the lift capacity so I installed a coil spring from a field cultivator above the left rear axle between the fender and frame. Now it works great.

These features are available on larger garden tractors that cost \$7,000 or more. I bought the tractor used for \$1,250 and spent only about \$550 to modify it. I've never heard of anyone else modifying a small tractor like this. I've used it for over two years without a problem. Wouldn't change a thing. (William J. Kohl, 4321 N. Lyndale Dr., Appleton, Wis. 54915 ph 414 733-5219)

I eliminated the need for expensive hydraulic motors on my bin unloading augers by running a drive shaft from the auger gearbox of my main auger to the unloading auger. I



slipped one end of the driveshaft onto the stub shaft on the auger gearbox and hooked the other end of the driveshaft to the flighting shaft on the bin unloading auger. It lets me use one \$55 driveshaft to power the unloading augers on all my bins instead of needing a separate hydraulic motor for each bin unloading auger. You should install a shield over the driveshaft for safety. (Jeff Wanous, Rt. 4, Owatonna, Minn. 55060 ph 507 455-0027).



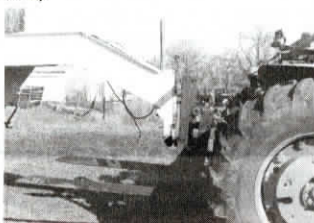
Our slide-in, cab-over stock rack lets you haul horses or cattle in the back of any 3/4-ton pickup. It's built from 1 1/4-in. sq. steel tubing and weighs only 420 lbs. so two people can slide it in or out of the pickup bed. Rails at the front and rear can be bolted down to the bed, or you can bolt a 4 by 8 by 3/4-in. section of plywood to the bottom of the rack and use the weight of the animals to keep it in place. It has a hinged gate. An 8-ft. rack sells for \$521 and a 10-ft. model sells for \$554. We also build a swing-out saddle rack that mounts just inside the walk-in door of any horse trailer. The rack swings completely outside the door or folds into the front corner of the trailer where you keep your tack. It bolts to the floor and roof of the trailer and can be adjusted with a set screw. Holds three saddles. Sells for \$239. (Keith Young, Young's Welding, 205 Coulee Blvd. West, Electric City, Wa. 99123 ph 509 633-0883).

My home-built windmill lets me know which way the wind is blowing without having to go outside. It's 26 ft. high. My son Jim and I used 2-in. angle iron, 1/4-in. thick, to build it.



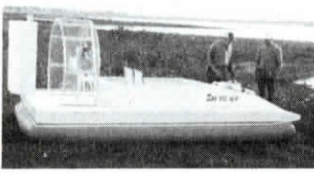
We used a truck engine fan to make blades for the windmill, extending the blades so total blade diameter is 48-in. We used a Ford car spindle for the hub. We used a car wheel balancer to balance the blades. The windmill is 6 ft. square at the base and its legs are anchored in 5-ft. deep, 12-in. dia. cement pillars. We also built a second 10-ft. tall windmill.

We had a working windmill on my farm until a tornado destroyed it in 1946. Now I'm the only farmer in my area with windmills. They make good conversation pieces, especially during Christmas when we add Christmas lights and a star on top just below the blades. (David Heinze, 41008 275th St., Belgrade, Minn. 56312 ph 612 254-8438)



I put a ball hitch on my 3-pt. bale forks so I could hook up to my 25-ft. gooseneck flatbed trailer without having to get off the tractor. Lets me use one tractor to load the trailer (with up to 12 bales) and pull it. (Dennis Andrews, Box 42D, Gate, Okla. 73844).

Thanks for the fine story on our new Kavlok calf restraint (Vol. 15, No. 2). Unfortunately our fax number was published instead of our toll-free phone number which is 1 800 388-5440 or 612 934-5440. (Skip Stromberg, Jenrik Marketing Group, Inc., 16660 N. Hillcrest Ct., Eden Prairie, Minn. 55346).



My home-built "air cushion vehicle" flies over land or water and rides 1/4 in. off the ground. It's built from 1/8-in. paneling over a framework made from 1 by 2-in. pine. The vehicle is powered by a 10 hp pusher engine in back driving a 42-in. propeller and a 5 hp "lift" engine in front that drives a 4-bladed propeller to inflate a plastic skirt fastened to the bottom of the vehicle. A pair of 2 by 4 skids protect the bottom of the vehicle. Rudders in back are used for steering. It's tricky to hold the vehicle in line, especially in windy conditions, because there's no contact with any surface. I have to zigzag to get where I want to go, somewhat like the tacking procedure used for sailing. One problem is that it makes a lot of noise. (Dallas Gutzmann, Rt. 1, Box 24, Pierce, Neb. 68767 ph 402 329-6631)

In the Best & Worst Buys section of Vol. 14, No. 5, Gene Nance of Chesapeake, Ohio, mentions that his "worst buy" is his 1989 Gehl 160 disc mower. He complains that the shear pin that allows the cutter bar to break away is located so that you have to remove a shield covering the belts to get to it. I'd like to tell him that the breakaway system was installed backwards. If he turns the entire breakaway assembly around, the shear bolt will be very easy to replace. (O.M. Warner, Butterfield, Minn. 56120)

I have only been a subscriber to FARM SHOW for a couple years but I have purchased every back issue available and now have 73 issues, plus three copies of the "Best of FARM SHOW" (I'm still missing 12 back issues of FARM SHOW, mostly from the early years. I'd like to buy these issues and would pay \$5.00 per issue if anyone has them to sell.) I have read every issue from cover to cover. Every time I read an article I especially like, I put a star by it. Then I go through and write every title, volume and number down so I have a fast reference if I ever want to find a particular story at a future date. I recently finished this job and here are the results:

Out of the 73 issues, I put stars by 1,259 articles. At \$3.00 per issue, this is 18 cents per article that I enjoyed or found useful. Cheap entertainment! Out of the first 37 issues I have, I marked 518 stories. I put stars by 741 articles in the second 36 issues I have. This tells me FARM SHOW is getting better all the time.

I enjoy every part of FARM SHOW but my favorite is "made it myself" ideas by other farmers. My hat goes off in appreciation and fascination to them. Many times I have said to myself, "I want to try and build one of those!" One of my favorite quotes was by Butch Uhnken (Vol. 14, No. 6), who said, "I figure out how strong it should be, then I double it." I, too, try to use follow this philosophy when I build something. It costs a little more but things won't break down as quickly.

Keep up the excellent work. We love FARM SHOW. (Tom F. Crittenden, 207 Crittenden Drive, Mansfield, Penn. 16933 ph 717 662-2742)

My "best buy" is my lovely wife, Claudia. I didn't have to spend a lot of money courting her and, since we've been married she hasn't broken down once. Her suspension has held up very well, even after many years of bumpy hard times and after having produced two wonderful children. I don't have any plans on ever replacing my "best buy", because I just don't think she'll ever wear out - 10 1/2 years and she hasn't been to the shop yet. Now that's quality control! Let's see John Deere or Ford beat that.

I'm just sorry I can't recommend her to others because I don't plan on giving her up, and the manufacturer (her mom) has long since stopped production - she's a one-of-a-kind model. (William Archer, 305 W. Blackbeard Rd., Wilmington, N.C. 28409)



Here's a photo of a new invention that we think every farmer will want to mount on their tractors, combines and other equipment. It's a grease gun and cartridge carrier. It mounts anywhere with a single bolt. Carries a gun and two cartridge refills. It keeps the gun handy where you or your workers are more likely to use it more often, and eliminates stepped-on or damaged cartridges. Sells for \$110. (Connie Mulder, K & M Manufacturing Co., Renville, Minn. 56284 ph 612 329-3301)