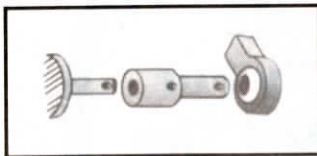
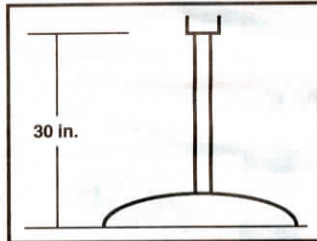


# Reader Letters



Our new Cat. II adapter pins let you modify Cat. I implements to Cat. II specs. You simply slip the adapter pins over the Cat. I ends and pin them in place. Made out of top grade steel. They sell for \$50 a pair plus \$5 shipping. (P&C Manufacturing, P.O. Box 903, Portland, Ind. 47371 ph 219 726-9473)

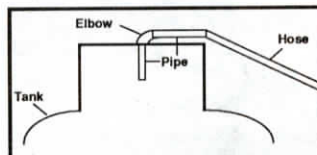


Here's a simple idea for mounting quilting frames for ladies who like to quilt. I made four stands - one for each corner - by welding a pipe to the top of disc blades and putting a U-shaped bracket on top of each pipe. They hold the quilting frame securely. Works much better than using chairs and tables. (Don Threndyle, Rt. 1, Elmwood, Ont. N0G 1S0 Canada)

Your readers may be interested in my water-color paintings of antique tractors. I've made paintings of four different tractors, each set



in a different season - a Case 400 (spring), John Deere A (summer), International H (fall), and Allis-Chalmers WD 45 (winter). Limited edition prints are available. Each print sells for \$45 unframed; a set of four matched numbers sells for \$160 plus tax and shipping. Framing is available. The paintings measure 20 by 24 in. framed or 18 by 24 in. unframed. (Kerry Kolke-Bank, Knob Hill Arts, Rt. 3, Box 118, Appleton, Minn. 56208 ph 612 289-1615).

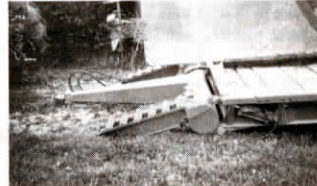


I made a hose holder for filling spray tanks. It's made out of 3/4-in. plywood and sets in the channel where the lid fits on and keeps the hose end out of the tank. That eliminates the danger of chemicals siphoning back down into the well when you shut the pump off or if the pump should ever stop for some reason. There's no need to unhook the hose between fills. You just set the stand on the ground. (John Dougherty, Rt. 2, Box 14, Waukon, Iowa 52172)

This load-from-the-front trailer is a safe, easy way to haul big equipment. I built it from scratch using a 20,000-lb. semi axle and scrap steel. The only new material was



hydraulics, lumber for the deck, and paint. The axles at the back end of the trailer and loading ramps are up front on either side of the tongue. When the front end is lowered to the ground, the deck is only 12 in. off the ground. The tongue lays flat to allow clearance for the differential on the tractor I haul on the trailer. Hydraulic cylinders on either side of the trailer rotate the tongue up and down. To hook up to the pintle hitch on the tractor, I raise up the tongue by hooking up hydraulic hoses and using remote hydraulics. Once the pintle hook is in place, I reverse the hydraulics and the trailer deck raises up to approximately 36 in. off the ground. Then we insert two small steel blocks to prevent the deck from dropping in case of hydraulic hose failure during trans-



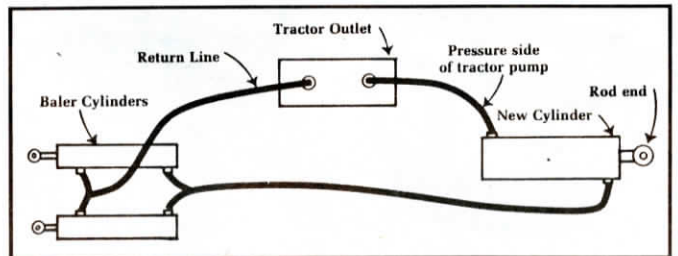
port. The loading ramps pivot easily up out of the way. I can load the big trencher, hook up to the backfiller tractor, and be ready to transport in less than 10 min. The trailer is fitted with air brakes.

I have also built a blade on my backfiller which swings a full 180°, allowing us to backfill in one pass in either direction at speeds up to 5 mph. (Eric Vagedes, 6855 N. Starnes Rd., Gosport, Ind. 47433)

I like your magazine but your "Worst Buy" section just seems to be a place for ticked-off owners to vent feelings for all to read. If they're unhappy, why don't they write to the manufacturer and let them handle it? If a complaint is legitimate, manufacturers will take note and, in most cases, respond. Legitimate complaints can lead to product improvements but someone's sour grapes - published for all your subscribers to see - gains nothing and gives the manufacturer a negative image just because one owner wants to mouth off. (T.L. Ellis, Box 488, Kingston, Ohio 45644)

I have a "made it myself" cultivating tool I made for my garden. I straightened out a worn tine from my Troy-Bilt roto tiller. I ground both sides of the tine to a sharp cutting edge. Then I cut a slot in an old shovel handle and bolted the tine to the handle. This makes a sturdy tool for weeding, especially in my berry patches where a hoe is too big to use. (Vilas Amstutz, Rt. 1, Elida, Ohio 45807)

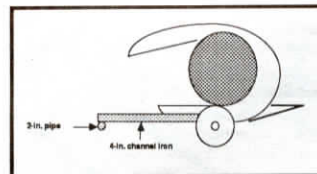
I'm retired at 83 years old but I still get calls about the bale kicker I put on my round baler that was featured several years ago in FARM SHOW (Vol. 11, No. 5). It consisted of two 4-in. pieces of channel iron extended out from the baler axle on either side of the back of the bale chamber. The channel iron extends out about 22 in. behind the back of the baler and about 16 in. below the platform belt. A 2-in. dia. cross pipe runs between the two channel iron pieces. When the bale is



Several years ago you published an idea for boosting the hydraulic power of older tractors. Could you repeat that information? (Red Escamilla, Normangee, Texas)

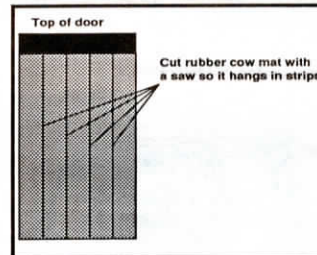
Our 1985 report (Vol. 9, No. 1) featured A.G. McConnell, Danville, Kent., who owned a 560 Farmall gas tractor with about 1,800 psi hydraulic pressure. He wanted to run a Hesston baler that required at least 2,000 psi to operate. He used the large area of one piston to push against smaller pistons, increasing the per unit area pressure on the small pistons. He hooked the auxiliary cylinder up between the pressure side of the tractor hydrau-

lics and the two smaller cylinders on the baler. The volume of the piston rod end on the larger cylinder must be slightly larger than the volume of the two smaller baler cylinders. He hooked the feed hose on the baler to the piston rod end of the new cylinder and the return hose on the baler to the return on the tractor. The opposite end of the new cylinder hooks directly to the pressure side on the tractor. The piston rod end of the new cylinder had to be purged of air and some fluid added. McConnell reported that when he hooked up all the hoses and went to the field, everything worked fine.



ejected, it hits the pipe and is "bumped" far enough behind the baler to shut the rear baler gate.

I came up with the idea in 1973. It worked great for me and I think I helped out a few other farmers out by having it featured in FARM SHOW. (Dick Derr, Rt. 3, Box 245, Winfield, 67156)



I made a rubber strip door for cows and heifers out of a rubber cow mat. You just hang the mat from a door frame and cut it into strips with a saw. Animals can pass in and out easily and yet it keeps out the cold, birds, and flies. (Joseph Schertel, RD 1, Box 107, Barto, Penn.)

I use a hooked carpet-linoleum knife to cut strings on large round bales. It's the quickest and easiest way I've found. (Verner Nellsch, Havana, Kan.)



We're sending along a photo of our new E-Z Roll Drill Tarp for Deere 750 no-till drills. It stores on the drill and has a detachable hand crank for rolling it up. Lets you tarp 15 ft. of drill in 15 sec. and is easy to install. Sells for

\$199. We also make tarps to fit other makes of drills. (Bob Ehlers, Ehlers Brothers, Rt. 2, Box 163, Elbow Lake, Minn. 56531 ph 218 685-5282 or 4346)



Thank you for your article in Vol. 17, No. 1, on our new solar-powered robot lawn mower which works by itself, "grazing" across a lawn like a sheep. You leave it on your lawn all summer and it automatically keeps it at the correct height without any maintenance or attention whatsoever, thanks to a computer controlled drive system.

We wanted to let your readers know that the machine will be produced in the U.S. under license and should be on the market in the next year or two. At this time, we're selling a limited number of units in Europe and have contracted with a large manufacturer to produce units on a mass scale in the next year or so. (Andre Colens, Solar & Robotics S.A., Avenue Louis Lepoutre, 29, B-1060 Bruxelles, Belgium ph 02 245 99 90; fax 32 2 343 16 43)



I built a self-propelled spray rig out of a 416 IH cotton picker. I mounted two 200 gal. tanks on the sides and made shields to mount in front of the wheels out of poly barrels and plywood. I used the two long cylinders, originally used to dump the cotton basket, on the front lift arms. They let me lower the 40-ft. boom to within inches of the ground or run it at a height satisfactory for spraying mature cotton over the top. The boom wings fold individually and there's also a cylinder that tilts the boom forward or back to keep it level. Visibility is very good. Including the \$300 for the picker, I spent