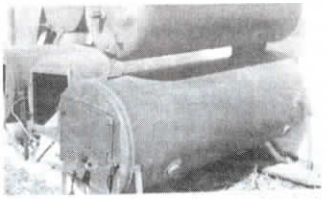
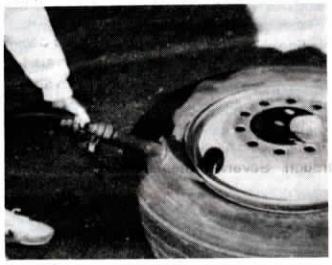
the rail and nail-down straps that fasten to the post. They sell for $3 apiece. ***(Ed Hall & Ray Polzin, Box 116, Stanford, Mont. 59479 ph 406 566-2504)***

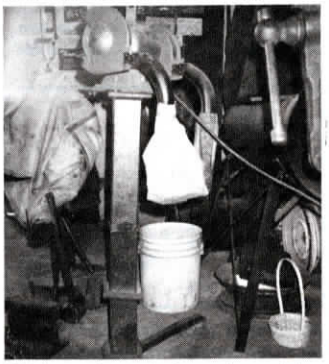
I've been making wood stoves out of worn out hot water heater tanks for 15 years. Most come from homes but I've had some large ones from hospitals and hotels. Pictured is an 18-in. dia. stove with a 17-in. dia.



tank on top for a heat exchanger. Some of the stoves have half tanks for a heat exchanger. I also make single stoves for garages and other such uses. Legs are made from 1/8 by 1 by 24-in. metal strips, bent and welded to the stove (stoves stand 10 in. off the ground). The 9 1/2-in. sq. door is 1/8 by 1-in. angle iron covered with 10 or 12-ga. sheet metal and fitted into an angle iron frame (11 in. sq.) welded to the stove. A 2 by 3-in. draft control welds near the bottom of door. Hinges, latches and other parts are made in my shop. I've made 200 of these so far with no complaints. I sell the 18-in. dia. stove with a heat exchanger for $110. A 16-in. stove sells for $95. ***(R.W. Pomeroy, Box 677, Carrot River, Sask. Canada S0E 0L0)***



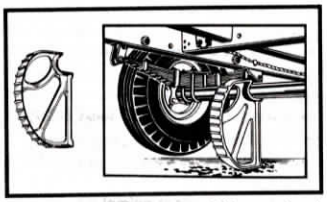
As one of your subscribers, I have taken it upon myself to introduce you to a new tool for mounting tires. It was developed by Carl Kappedal, an independent grain trucker who is forever working on his truck - including changing tires. He needed a way to help get the tire to seat on the rim so he invented the "Bead Blaster". You can't believe how fast it sets the bead. He's used it on tires ranging from the smallest car tire up to 11 by 24.5. It has a wide nozzle that slips between the bead and the wheel rim and a control valve that lets you insert a quick blast of air to seat the bead. Comes with a 10-ft. long 1-in. dia. hose. It worked so well for Carl that he made up extras to sell. The price is $199. Contact: FARM SHOW Followup, CSJ Enterprises, Rt. 3, Box 97B, Fosston, Minn. 56542 (ph 218 435-1355). ***(Sidney Norstuen, Rt. 3, Box 97C, Fosston, Minn. 56542)***



Old pieces of curved exhaust pipe catch fine particles coming off the back of the electric grinder in my farm shop. Metal plates are pop riveted to the muffler pipes and to the grinder frame. The pipes are positioned so they don't interfere with replacement of the grinder stone and paper bags are attached with rubber bands to the ends of the pipes to catch fine particles of stone and metal coming off the wheels. The motion of the wheels forces particles into the bag. This idea not only keeps the shop clean but also keeps the air cleaner in the shop.

Another idea that's been handy is mounting a jack on the front left side of my two larger field tractors. I use the jack to prop up an implement hitch when I get stuck, greatly reducing down time. If you're pulling a cultivator, for example, and you get stuck in a soft spot, you don't have to lose two hours walking home and back for equipment. Just prop up the hitch with the jack, unhitch the tractor, and then free the machinery. I bolted two pieces of square tubing to the side of the tractor to hold the jack. It fits snug enough that it can't bounce loose in the field. ***(William B. Stephaniuk, Box 166, Wishart, Sask. S0A 4R0 Canada)***

We think our new "Kwik Lift" trailer jack has a lot of potential uses on the farm. The trouble with trailers is that many car or truck jacks are not designed for lifting fully-loaded trailers. The one-piece Kwik Lift is made



from high strength, rust-proof die cast aluminum alloy. It's shaped like a "D" with internal spokes for distributing the weight of the rig as the axle is elevated. The outer surface is ribbed for gripping gravel or asphalt. The J-shaped corner of the lift is placed under the axle about 8 in. from the wheel. It works on round or square axles. As you slowly drive forward, the jack rolls to raise the axle and wheel. The other wheel should be blocked before changing the tire. It's designed to fit wheel sizes from 8 to 16 in. dia. Sells for $27.95. ***(Moeller Marine Products, P.O. Box 1318, Greenville, Miss. 38702)***

I built this "Old Betsy" tractor in 1991 and it really attracts a lot of attention because people can't figure out what it is. It's powered by a 1927 McCormick Deering stationary engine which runs at about 500 rpm's. It has a model A Ford transmission and a 3-way gear box off an old Lease baler. The shortened-up rear end comes from a 1951 Plymouth and the back wheels were taken from a Case combine. Front wheels came off a harrow cart. The steering gear comes out of a Massy Harris binder and the steering wheel from a hand-cranked post drill. The 16-in. drive pulley up front was salvaged from a grain elevator line shaft. It has a governor from a Sawyer Massey steam engine. The headlight came from an IHC truck.

The tractor was built by imagination with humor in mind. ***(O. P. Lackey, Box 766, Gladstone, Manitoba R0J 0T0 Canada)***

As the owner of a greenhouse business, I grow hardy mums for sale in the fall. In past years, the planting of 1,000 mum cuttings into pots took several days. The pots were filled from a bag of soil on a wagon, laid out

on the ground, watered, planted and watered again. Backaches were par for the course. I decided to try to make the job easier.

I built a rotating work station that mounts on a pallet, carried by a 3-pt. mounted forklift which I built. It consists of a half-V shaped hopper which holds 12 cu. ft. of soil. Bolted to the center rail of the pallet is a 2 by 4 which supports a 4-ft. dia. turntable. The hub consists simply of a 1 1/4 in. pipe mounted vertically inside the 2 by 4. A 1-in. dia. pipe, attached to the underside of the turntable, turns inside the larger pipe.

Eleven 10-in. pots bolt to the turntable to hold the 8-in. pots that we plant into. An electronic timer activates a 24-volt water valve which moistens the soil. A shelf mounted on the back of the dirt hopper holds the cuttings.

In operation, as shown in the photo, the girl on the left fills the pot with soil, places it in a 10-in. pot on the turntable under the water nozzle, and starts the timer, which runs the water for 5 sec. The girl on the right plants the mum cuttings into the pots and then sets the pots out onto the ground.

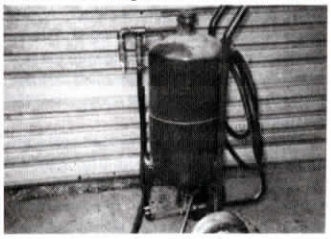
This unit cost me the price of one sheet of 3/4-in. waferboard, one 24-volt sprinkler valve, eleven 10-in. pots, and some nuts and bolts. It has worked flawlessly since the first day of use. Because it mounts on the forklift, height can be easily adjusted. Two people can plant over 1,000 pots in only 5 hrs.

I'm sure other growers of potted plants, including trees, perennials and shrubs, could put such a unit to good use. I know of nothing like it on the market. ***(Jim Kwilelcki, J & L Floral, 23200 Sprague Rd., Olmsted Falls, Ohio ph 216 243-8822)***

I am a sheep producer in Michigan and am also distributing a unique new lubricating oil made from a base of lanolin taken from wool. It will penetrate, lubricate and inhibit rust better than any other oil on the market. There are no solvents used in it.

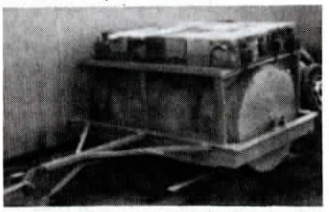
It can be used on ignition wires, battery terminals and elecronic parts as a waterproofing since it's non-conductive and is also a good treatment for shoes, baseball gloves, saddles, etc., to soften as well as waterproof. In addition, it can be used on any hinges, sprockets, or any other place you would normally use a petroleum-based lubricating oil. My customers include factories, machinery dealers, highway departments, salt mines, Delta airlines, and we're currently taking with engineers at Ford, GM and Chrysler. ***(John Jansen, J&B Enterprises, 503 Tecumseh Rd., Clinton, Mich. 49236 ph 517 456-7113)***

To make a sand blaster I mounted wheels from an old lawn mower on a 30-lb. cylinder. I welded on lengths of steel conduit for



handles and added a 10-ft. hydraulic hose, valves, and a nozzle. It works great and cost about $125 which is only about half as much as comparable size commercial models. Holds 150 lbs. of sand.

I installed a flat rack on my 1973 4-WD pickup and added a scissors hoist powered by a hydraulic pump to make a handy dump truck. The controls are off an International combine. The hoist tips two tons easily. I've used it for 10 years with no problems.



I used a 300-gal. upright fuel tank and the tongue, angle iron frame, and shaft from an old cultipacker to make a 5-ft. wide lawn roller. The shaft rides on pillow block bearings. The large circumference of the tank makes it easy to roll. I add 12 cement blocks on top for extra weight. ***(John W. Hamann, 6360 Plank Rd., Rt. 2, Clayton, Mich. 49235 ph 517 263-6149)***

I made this supply wagon for my planter by salvaging the 20-ft. long van body from a 1965 International cab-over semi-truck. I pull the van with my pickup. Works great for hauling seed, herbicide, fertilizer, etc., and makes a nice place to eat lunch out of the wind. I bought an old Ford semi-tractor frame at a salvage yard and cut it up to make a 6-ft. long subframe. The subframe is mounted over a pair of mobile home axles that I narrowed up. I used 2 by 4-in. steel tubing to build a hitch that I bolted under the van's frame. The hitch is the same size as the hitch on my Air Stream travel trailer so I was able to borrow the trailer's load equalizer hitch and sway control. A skylight on top of the van body keeps it well lighted inside. ***(Richard Gidel, 2950 190th St., Williams, Iowa 50271 ph 515 854-2406)***

Your readers may be interested in our PowerTwist "make your own" V-belts. They're made of links that you can fashion in seconds to the exact size needed for any particular job. The belts come in O, A, B, and C sizes, but the A and B sizes will cover 80%

Continued on next page