

Sells for \$26.95, including head and 1-year supply (8-ft.) of line plus \$3 S&H. Fits all gas-powered trimmers and electric models with the motor mounted near the operator's elbow. Line is also available in .170 in. dia. for trimmers on wheels. (**Ken Oden, Weed Whip International, P.O. Box 456, Venice, Florida 34284-0456; ph 941 497-3702, fax 7747.**)

Here's a heavy-duty snow pusher that I spent nearly two years and \$1,000 building.

The chassis is a 1951 or '52 International W-9, with direction of travel reversed by flipping the differential. I repowered the tractor



with a 302 cu. in. V-8 engine out of a 1978 Thunderbird car to provide added reliability and cheaper maintenance. It mounts on back of the machine, which is shortened 5 in. from the original, and is covered by the tractor's original cowling. I use the tractor's 5-speed transmission as well as a 3-speed automatic transmission out of another Ford car. To match them up, I shortened the car's drive shaft and connected its yoke to the flange on the tractor transmission.

The hydraulic steering system came off an old Minneapolis Moline tractor. The unit mounts underneath the cab and is coupled to a steering column out of an old Ford car.

I bought a cab off an old Melro Sprague and mounted it over the drive wheels.

I bought a Farmhand F 11 loader and mounted it on support channels along the front tractor rails.

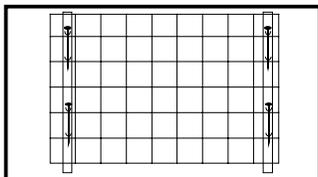
Painted IH red, the machine works great for snow removal. (**Robert Dolan, 1438 Atlanta Drive, Bismarck, N. Dak. 58504; ph 701 258-6720.**)

You might be interested in the way I modified this International 606 tractor which I bought new in 1965. I took the front end off and moved it forward 24 in. and mounted



larger tires on it. Works much better with the loader. I put an old Moline plow frame, set in 30 gal. of cement for weight, on the rear. Works great. (**Lorenzo G. Ball, 4144 Rt. 1, Box 68, Bonduel, Wis. 54107**)

To dig potatoes, we took two lister bottoms and put them on a 2 by 2 bar, spacing them even with the row width. We just dig under the row and go and the spuds just roll to the surface. Saves a tremendous amount of labor. (**Dave Aspegren, Harvard, Neb.**)



Here's an easy way to put up gates around the farm. I have set up several of them with

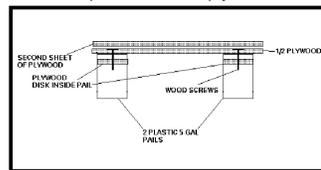
good results. It's cheap and keeps the cows out. I just put large staples on either side of the opening and insert 8 to 12-in. long spikes through them. Then I stretch a wire cattle panel across the opening. (**Ed Newsom, P.O. Box 169, Hartman, Ark. 72840 ph 501 754-8406**)

Old lawn mowers can be used for a number of jobs. This photo shows how I mounted a hose reel on the deck after removing the



motor and blades. It's much easier to push around than a commercial unit. You can also use mower decks to carry garbage cans or even mount an implement seat on a deck for working on tractors and other machinery. (**Waldo Krogman, Black Diamond Ranch, 718-7th St. S.E. Box 456, Frazee, Minn. 56544**)

You can make a strong, lightweight bench for pennies using plastic 5-gal. pails. I've made them up to 5 ft. long and 12 in. wide. Just run a piece of 1/2-in. plywood across



the top of the pails and put two round plywood discs inside the pails. Screw the top sheet in place through the top of the pails. Then run another sheet across the top, and then glue and screw it down. (**Bert Ternes, 2732 Valley View Ave., Bismarck, N.Dak. 58501 ph 701 223-1219**)

I've found that if I string a length of .035 stainless weld wire above the "A" frame on my kids' swingset, I can keep birds away and the mess off the swing. Birds won't roost on the small wire. I think the idea could be used to keep birds off any kind of roosting area. (**Ruth A. Lowder, 416 Illinois, Arthur, Ill. 61911**)

We call this "Grandpa's Tijuana Taxi". Built by Norman Olson, it's made out of motorcycle parts and will hold grandpa, grandma and one small grandchild on the seat with



luggage space behind. Cruising speed is about 20 mph. It's powered by an 8 hp air cooled motor. A handy and fun rig for anything from running errands to spot spraying weeds. Has all the power you need with a 6-speed manual transmission. Gives you a great, wide open view. To get more information on how to build, send a self-addressed, stamped envelope. (**Amanda Betthausser, N6173 County Highway H, Camp Douglas, Wis. 54618**)

Enclosed is a photo of a garden cart I made from a discarded wheel chair. The chair frame was broken but the wheels were good.

I started by sawing off the wheels and enough of their mounting hardware to bolt them down securely. I started with a 2 by 4-



ft. piece of plywood for the bottom, reinforced with 1-in. lumber. The metal sides are 1/16th aluminum salvaged from an industrial roof vent. I put four shelf brackets inside for strength. It'll carry as much weight as the wheel chair ever carried. I use it mostly for firewood. (**Tom Martin, Rt. 2, Box 140, Bedford, Va. 24523**)

Concerning recent reports about white buffalo calves born in Wisconsin and South Dakota, readers might be interested to know that there's a white buffalo in a museum in downtown Helena, Montana. The museum devoted one room for him where he is mounted and preserved together with a lengthy story about his history. (**Ray L. Grabher, Box 5411, Lincoln, Neb.**)

We used to flush away pipeline wash and rinse solution but I hated sending all that heat down our milkhouse drain. Now we use it to heat our milkhouse by running the water into three 15-gal. plastic drums. They gradually radiate out enough heat to keep the water pipes in the room open. It's a simple idea that saves money. (**D. Arthur Charles, 3051 Charlestown Rd., Lancaster, Penn. 17603**)

Here's a photo of my homemade trailers used for binning fruit. We hitch 13 trailers together to pull 40 bins down an orchard row. Each trailer, made from square steel tubing,



has a 2-wheel axle. Works well for us. (**Virgil Wiest, 11461 W. Wapato Rd., Wapato, Wash. 98951 ph 509 848-2194**)

This spring I had to remove a mile of 4-wire fence in a hurry and needed a way to roll up the wire. I came up with this quick and inexpensive wire roller. I bolted three 2 by 4's to the sides of a barrel, equally spaced so the barrel would roll evenly.



To start a roll, you loop the wire around the barrel loosely and tie it, then you just push the barrel forward over the wire lying on the ground. I found I could roll up wire very quickly. Once you think there's enough wire on the barrel to make a good sized roll you tie it off and tip up the barrel and step down on the wire to push the roll off. (**William Turnbull, Box 758, Grassy Lake, Alberta Canada**)

Thank you for your articles in the past about our Pond Mills for keeping farm ponds free of algae in summer and ice in winter. Many of your readers have written to ask if we know anyone who makes old-style farm windmills. I'd like to let people know that we

now make old-style windmills that are authentic in every detail. They are 23 ft. tall and have a 6-ft. dia. turbine. The turbine and tail sections fully rotate on bearings that are lubricated for life. The towers are constructed of heavy gauge metal and come complete with a ladder and platform.



The windmills are painted light gray and the blades tipped in red. Custom colors available upon request. They look and function like real windmills but are not fitted with generators or pumps. They're just for looks. They're ideal for anyone who wants a brand new, fully functioning authentic windmill at a reasonable cost. (**Basil J. Leonard, Environ Mills International Inc., Rt. 4, Sunderland, Ontario L0C 1H0 Canada ph 703 357-2406; fax 705 357-1482.**)

Here's a mini earth scraper I made to smooth out grooves in our driveway after a rain. In the past I used a straight drag but it always pushed dirt around too much. The unique



thing about the way this works is that it gathers the soil and sand from the swelled ruts and deposits it into the crater or cavity of the rut. It fills holes and levels without spreading out the valuable driveway sand and rocks. It works much better than I thought it would.

I made it out of a 4-ft. dia. steel hoop off a piece of junked machinery. I cut the hoop in half and "nested" the two half moons. Then I welded some old iron across the top for weight and to hold the half-moons rigid. I pull it with some old #50 roller chain, welding it together up by the hitch, leaving a loop unwelded to slip over the ball hitch. Our Honda 300 ATV pulls it just fine. (**Roger Kuntz, Rt. 1, Box 69, Grainfield, Kan. 67737**)

I've always had trouble operating pickups under heavy load. The rear end almost



drags on the ground. Duals are a possible answer but I wanted a narrower tracked vehicle. So to solve the problem, I added a 3-ft. section and an extra axle to the back of

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