



inside the 7 1/2-ft. dia., 4 ft. high bale feeder with the top rail of the inner ring resting on the upper rail of the bale feeder. The inner ring slides back and forth easily and is held in place with a metal pin. There are three different settings - 1/2, 3/4 and fully opened. Every farmer who's bought one agrees that it really saves hay. I've contracted with a local shop to build the new feeder. Sells for \$350 Canadian. (Nelson Jeffery, Box 56, Briercrest, Sask. SOH 0K0 Canada ph 306 799-4310 or 4230)

My first-of-its-kind mobile chainsaw mounts on an old electric-start garden tractor that's also fitted with a forklift and log stabilizer arms. The 30-in. self-oiling chainsaw bar mounts about midway up the forklift mast. In operation, the forklift raises the log up off the ground and two log-locking arms hold the log tightly in place. The operator then cuts through the log, controlling the chainsaw with steel cables threaded through pulleys on a steering wheel. A 5 hp. gas engine powers the chainsaw. The chain rarely has to be sharpened because the lift arms keep logs off the ground. (Neil Butts, R & N Welding & Fabrication, 103 W. 19th, Goodland, Kan. 67735)



I can move a lot more snow with this front-mounted snow blade than with a rear-mounted blade. I built a front-mount for the 7-ft. blade that's braced at the front of the tractor and on both sides of the frame. The blade floats freely up and down supported by two brace arms. A chain runs from the back of the blade to a lever which is raised and lowered by a hydraulic cylinder. In the summer I use the blade to move gravel or dirt and it even works well to pile brush. (Ronnie Eakin, Rt. 2, Box 254, Vandalia, Ill. 62471)



My sliding ring bale feeder cuts waste to a minimum. It always annoyed me to see all the feed our cattle were wasting around the outside of our conventional slant bar bale feeder. After much thought, I came up with the idea of a set of moving bars on the inside of the feeder. Now when I put a bale in the feeder, I set the bars at half width. When the cattle can't reach any more hay, I open the bars to 3/4 width. When the bale is about half gone, I open the feed openings all the way. If they do pull out too much and start wasting it on the ground, the feeder can be closed until they clean up the ground around it. The sliding ring consists of a complete ring of feeding bars spaced about twice as widely as on a normal bale feeder. This ring fits just



Last winter I bought this big 10-ft. wide "V" snowplow at a county auction sale for \$80 and mounted it on my 1466 IH tractor. The plow is controlled by a hydraulic cylinder on front of the tractor. It has a home-built wing on one side that's raised and lowered by a hydraulic orbit motor that drives a cable winch. Works real well around the farm. (Ernest Grotte, Rt. 1, Box 70, Finley, N. Dak. 58230 ph 701 524-2294)

I sell livestock equipment. When one of my customers complained that she was having a difficult time holding a pail while washing dairy cow tails, I designed this tail-washing cart. It's designed to hold a pail at the correct



height to wash tails in stanchion-type barns. It holds two pails of water - one for wash water and the other for rinse water. There's another shelf for brushes or whatever else you might use. It's equipped with wheels for easy movement. The customer is happy with it after 6 months of use. I will build more if there's interest. (Andy Fytche, A.F. Enterprises, Rt. 1, Pakenham, Ontario K0A 2X0 Canada ph 613 256-4886)

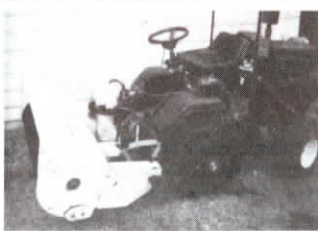
I'd like to tell Gerald Cook, Calgary, Alberta, who complained in the last issue of FARM SHOW about an oil leak in his 1989 Chevrolet Caprice. We also have an '89 Caprice with a V-8 engine that used 1 quart every 800 miles. We found out the oil return hole wasn't drilled out on the one head. GM replaced it and the problem was solved. (Bill Bird, Marcus, Iowa)

I'm writing to let you know how much I enjoy your magazine. FARM SHOW is a prime example that the stereotype of the "dumb farmer" couldn't be further from the truth. As far as I'm concerned, rural America holds far more scholars and geniuses than any "pink handed" society could ever hope for. Most of the home-built inventions boggle the mind with the ingenuity possessed to create these time and money-saving devices. (Dave Diekema, Paw Paw, Michigan)



I made this leaf "picker upper" from an old Toro 5 hp. blower-vac machine. The trailer was built using a Crosley car rear end. The blower mounts on the front end of the trailer. I attached a 24-in. length of 4-in. dia. stove pipe to the side outlet of the mower deck on my 16-hp. riding mower. Flexible tubing runs

from the pipe to the blower-vac, which blows the leaves up into the trailer. I unload the trailer with a tarp that lays flat on the floor and runs up the front of the trailer. I pull on a rope attached to the top end of the tarp and pull it out the back. (Carl Park, 1310 East 6th St., Hobart, Ind. 46342)



Here's a photo of a self-propelled snowblower I built from a junked garden tractor and 2-stage blower. I made a new frame out of angle iron, shortening the wheelbase and putting the drive axle right behind the blower. The steering axle is at the rear. I drive it with an 18-hp. Wisconsin motor. A hydraulic cylinder powered by a power steering pump raises and lowers the blower. A car power window motor rotates the chute. I wrapped bicycle chain around the center of the steering tires to aid turning. In all it cost less than \$200 but does a great job. (Eugene Bissey, 117 E. South St., Dwight, Ill. 60420 ph 815 584-2079)

I found your article on wood-powered electrical generators in the last issue of FARM SHOW (Vol. 14, No. 5) very interesting. Why couldn't a person install one of these in their basement and heat their house by capturing the heat that would otherwise be lost up the chimney? Then you could do two things at once - generate electricity and keep your house warm. (Bob Lee, 3511 Haines Rd., Duluth, Minn. 55811)



I made an auger for transferring high-moisture corn from our Harvestore silo to computer feeders in our freestall dairy barn because the cost for a commercial transfer system was \$800 to \$1,200. I used the hopper and 40-ft. auger from an old bunk feeder. I put the auger inside a length of 10-in. dia. PVC sewer pipe. The giant auger moves corn from the hopper across the yard to the barn. We auger about 10,000 bu. of corn a year and it works great, powered by an electric motor. Total cost was \$325.

We're always looking for ways to save money with used equipment. This summer we put up a used silo and equipped it with an

old Patz unloader which we bought for \$500 and had rebuilt for \$2,500. The silo and unloader together cost \$17,500. Quotes we got on new ones ranged from \$25,000 to \$28,000. (Fred Miller, 7988 County Trunk HH, Arpin, Wis. 54410 ph 715 569-4325)



I am the new owner of "Just Like Dad's", which was started by Richard Folmer, Hudson, Ill. We sell 1/5th-scale miniature farm equipment designed for pedal tractors. Our current line includes a disk-chisel, box scraper, 6-row corn planter, gravity wagon, auger wagon, manure spreader, stalk shredder, machinery trailer, and tandem disk. The equipment looks just like full-size equipment and is available in red, blue, green and construction yellow. (Cyd Koehler, "Just Like Dad's", Rt. 1, Box 71, Benson, Ill. 61516 ph 309 394-2211)



I built a garden tractor earth mover when I needed some fill in my yard and wanted a soil leveler. It has a 48-in. by 18-in. bucket with 2/3 yard capacity. The scoop is made of 10-ga. steel and has a 3/8-in. replaceable cutting blade. Depth of cut can be precisely controlled by hydraulic cylinder. It works so well I now sell the units. (Leroy Marshall, Box 6, Mingo, Iowa 50168 ph 515 363-4459)

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