



ments that run across the rest of the machine. (Roger Kuntz, Rt. 1, Box 69, Grainfield, Kan. 67737)

Here's a photo of a large self-propelled forage harvester built in France and operated here in the Netherlands. I thought your North



American readers might like to see that we have some big equipment over here, too. This is a 6-wheel model with large flotation tires and a 400 hp. engine. Ground drive is hydrostatic with four gears. It's fitted with a large removable container and is used primarily for harvesting grass, alfalfa and other such crops. The particular machine pictured is used by a dehydration operator. (Martin van Doorn, Ireneplein 3, 3212 L K Simonshaven, The Netherlands)

Recently FARM SHOW has had a number of articles on how to keep pest birds away from farm buildings. I have a group of pigeons that land on roofs, wires, and other high objects around the farm. The best way I've found to get rid of them is to shine them at night with a flashlight and shoot them with a 22 rifle. I can get a lot of birds in a short amount of time. (Robert Lindsay, 5315 Walker Rd., Viola, Idaho 83872 ph 208 875-0080)

We'd like to introduce your North American readers to our new long-wearing cultivator



points. These "new generation" points will outlast conventional replacement points by up to 15 times. They're made out of one of the hardest abrasive resistant alloys known and are already being used extensively in Australia and New Zealand. What's more, these points maintain their full working width over the entire working life. Also, the points provide bolt head protection so bolts can be reused. We make 1 1/2, 2 1/2, 4, 5, 6 and 7-in. wide sweeps which bolt directly onto many popular tines. Adaptors can be used to mount them onto any tine. We've already had them in use in the Red River Valley area of North Dakota with outstanding results, and we have a distributor in Manitoba (Elmers Manufacturing, Altona, Manitoba, Canada ph 204 324-6263; fax 204 324-6729). These points are designed to give you excellent performance for the money. For example, a 5-in. sweep retails for \$8.00. We're looking for dealers and distributors. (Linc Davis, Milson Foundry, P.O. Box 672, Palmerston North, New Zealand ph 64 6 3577881)

Thank you for your article on our Porcupine surface drainage system for barns and feedlots (Vol. 19, No. 5). Your publication obviously has great appeal to innovative farmers and we were delighted to be a part of it. Your article was concise and accurate except for one point: The inverted cones taper down from approximately 1/2-in. dia. at the surface to 1-in. dia. at their connecting point at the drain pipe (not 3 in.). (Charles Chatham, Chatham De Leeuw Ltd., Manor Farm, Tredington, Tewkesbury, Glos. GL20 7BP England ph 01684274782)



My remote-controlled skid steer loader was shown pushing snow on one of those national TV news "magazines" just before Christmas. But FARM SHOW remains the first and only national magazine that has printed an article on my Robo-Cat (Vol. 19, No. 1).

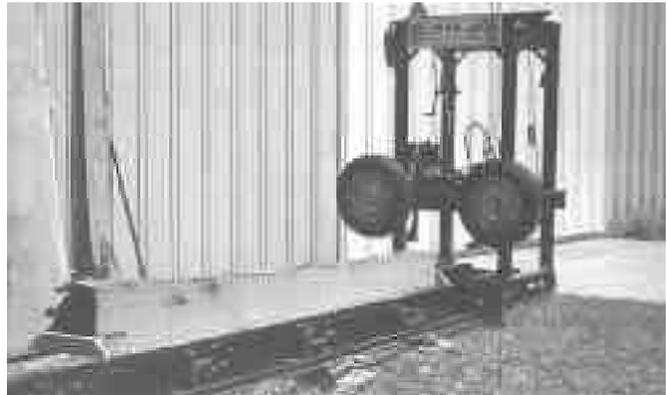
Since your story a year ago, I've received numerous calls from farmers all over North America. They wonder if they could use my "driverless" loader to clean out livestock or poultry barns. Since it's the smallest skid steer loader I know of - only 34-in. wide, 54-in. high and 8-ft. long - it's ideal for barn-cleaning. I've put over 100 hours on my prototype, digging, landscaping, pushing snow, etc. Its 16 hp Briggs and Stratton "Vanguard" engine, which powers a 3-gear sectional pump (one for each of the hydrostatic motors and one for the lift and bucket) assures plenty of power for any job. Likewise, it's extremely stable, thanks in part to the 8-in. wide rubber track system I made for it. Tracks are cut out of 7.50 by 16-in. light truck tires and turn on the special heavy-duty drive wheels I use in my 4-WD system. Wheels weigh 50 lbs. apiece because they're filled with urethane.

The loader features a fail-safe electronic guidance system with range of up to 1 mile. You can control all operations from the comfort of a pickup or even from inside your house. I'd like to find someone to buy the rights and manufacture it. Meantime, my prototype Robo-Cat is for sale for \$10,000, including a brand new tandem axle trailer to haul it with. (Jim Dedrick, 4352 Grimes Ave. N., Robbinsdale, Minn. 55422; ph 612 537-4058, fax 533-6038).

My guess rows always seemed to end up as crooked as a dog's hind leg until I came up with a sure-fire "gun site" system to help keep my Deere 1250 planter on the straight and narrow. I use two 1/2-in. dia. felt protective pads - the kind you put on the bottoms of lamps, figurines, etc. - strategically placed on the windshield of the cab of my Oliver 1850 tractor. I line up the pads vertically using the radiator cap as the middle point to sight from. I place the pads, which come with sticky adhesive on back, on the windshield so one's about an inch above my normal line of vision and the other about an inch below it. That way one or the other can be used to site on hilly ground. I started using the felt "gun sites" two years ago and haven't planted a crooked guess row - or any other row - since. (James Gedert, 4848 Lose Rd., Monclova, Ohio 43542-9705).

Here are a couple improvements I made on my 1951 Deere AR I thought FARM SHOW readers might be interested in.

I added foot controls so I can operate the tractor's hand clutch and steer at the same



I want to thank you for featuring my "Wheel-Driven Band Sawmill" in FARM SHOW (Vol. 19, No. 3) and for also putting it on your "Best of FARM SHOW Video - Volume II". The only problem is that the phone number used was my mother's and she's received more than 95 calls. She recently had heart problems and is pretty sick some days, so this has been a problem. The correct number for people to call is 502 274-3361.

Besides calls and letters (including 16 from



time. That makes it easier to I can operate the front end loader.

I used an old Deere 46A loader. The loader arms had to be narrowed up to fit the tractor. I made gussets for the tractor's frame and mounting plates for its axles.

I fitted the tractor's flywheel cover with a hydraulic pump with capacity of up to 20 gpm's. It came off a Deere 7700 combine and provides enough power to operate both the loader and tractor's steering which I converted to power by installing a power steering ram from a Minneapolis Moline tractor. I use a single control valve on each side of the tractor, mounted on the inside of the fenders. Spool faces down so I could put flatbar from the spool down to the foot pedals I made for the tractor.

The project - including tractor and loader - cost only about \$1,800 and gave me a tractor that's worth its weight in gold. I use it almost every day to move dirt, etc., around the farm. (Larry Brown, Box 20, Site 7, R.R. 1, Grande Prairie, Alberta, Canada T8V 2Z8; ph 403 532-0178).

Grain tanks off of old combines can be used to make dandy seed and feed bins.

I first used a 40 bu. grain tank off an old Deere 55 combine to make a stationary seed bin inside my machine shed. The combine



was junked so I simply removed the tank and mounted it on four 4-ft. high legs I made out of 1 1/2-in. dia. pipe. I made a 30° slanted bottom for it out of perforated metal, which serves as an aeration floor for the bottom of

Canada and one from Alaska), more than 30 visitors have come to see my mill work. I'm sending along a photo of the mill. It's so simple that most anyone could build one. It'll handle logs up to 30 in. dia. Total cost, using all junk parts and scrap steel, was just \$100. I've put together a packet of information and photos I'll send to people if they'll pay my costs for putting it together. (William C. Reeks, Rt. 1, Box 82, Hwy 231 S, Cromwell, Kent. 42333 ph 502 274-3361)

the bin. I use a sliding door, fitted with a 12-in. wide tapered chute, to gravity unload seed beans and wheat seed I store in the bin. I've got about \$40 invested and it works great.

I'm just putting finishing touches on my second combine grain tank project - a portable feed bin. This time, I'm using the 45 bu. grain tank off a 660 Case combine. I've mounted it on a two-wheel trailer so I can haul it around the yard with my tractor or pickup. I made the trailer out of an old car frame and various odds and ends and fitted it with 15-in. implement tires. I made a frame so I could mount the tank on the trailer and bolted it to the trailer. I enclosed the top with part of the lid off a IH 510 grain drill. I fitted a combine mounting ladder onto the side of the tank so I can climb up to open the lid. Like the seed bin, it has a 30° slanted bottom and I unload feed through an 8-in. wide chute. I use it to fill 5-gal. pails of feed for the cattle.

Eventually, I'd like to rig it with a 3 or 4-in. dia. hydraulic auger so I can also use it to fill my 510 International grain drill. So far, I've got about \$50 invested in this one. (Ed Eckroat, R.R. 1, Box 12C, Piqua, Kan. 66761-9751; ph 316 468-2735).

I thought FARM SHOW readers might get a kick out of these gas-powered ice cream



freezers. I built them because there aren't always receptacles at parks for electric freezers and nobody wants to spend all day at a picnic making ice cream with a hand-cranked freezer.

The larger freezer (pictured) is made out of an old-fashioned White 3-gal. hand-cranked model. I power it with a 1 1/2 hp Deere "hit and miss" engine. I use large and small pulleys to gear rpm's on the belts down low enough to be suitable for ice cream-making.

The smaller freezer is made out of an old White 1-gal. hand-cranked model. It's powered with a 1 1/2 hp Briggs and Stratton engine. I used the gear reduction box off an old circle irrigation system on this one.

I mounted the rigs on wagons I built out of

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