

He Likes His Simple ATV Snowplow

"It's kind of a Mickey Mouse set up, but it sure works good." That's how Bill Katarynych describes his ATV snowplow, a home-built, two-part attachment he's been using for the last 20 years.

The front and back blade mount on his Suzuki ATV.

"The front blade is made from what was originally a Magnatrac garden tractor blade. I did a little bit of remodeling to mount it onto the Suzuki. It mounts to the machine's front A-frames with angle iron," Katarynych says. "I added side extensions on the blade to keep the snow from running off, and we can still angle the blade either way."

He originally used a 12-volt winch to raise and lower the blade, but found it was too slow and replaced that with a wood hand lever and cable, which connects to the blade arm. The cable runs through a piece of plywood that sits on

the front rack, and a wooden wedge is nailed onto the board, creating a fulcrum for the load.

"When the blade is raised, the bottom end of the handle slides up and over the wedge and hooks there, so you don't have to hold it in place. Everything just sits on top of the rack – it's not bolted on. The more snow there is in the plow, the tighter the cable is," he explains.

The back blade operates by a similar principle, however the blade was made from scratch using 1/4-in. steel plate. When the wood hand lever is lowered, it raises the blade.

The rear blade has two angle iron braces that mount onto the machine's lower frame with pins.

Both blades are a few inches wider than the ATV on each side, and they can be mounted or taken off in less than five minutes with no tools, according to



Simple hand-powered levers raise and lower snow blades.

Katarynych.

Katarynych notes that when it came time to replace the Suzuki's battery, he opted for a big 12-volt instead, and mounted it on the front rack. This gives him more weight, and better power for

starting the machine and operating the light.

Contact: FARM SHOW Followup, Bill Katarynych, P. O. Box 587, Delisle, Sask., Canada S0L 0P0 (ph 306 493-8105).

Plastic "No Trespassing" Signs Last For Years

The inventor of new highly visible "3D Post" signs got the idea from pvc posts used to mark underground cable and pipelines. He figured landowners would appreciate the durability of such signs to protect them properly.

The 3-sided signs fit over metal posts and come in 24 and 60-in. heights with large blaze orange letters that can be seen for a long distance. They can also be attached to trees or larger fence posts or set directly into the ground. Made of hard plastic, they have a 10-year limited warranty and hold up well, without fading, in all types of weather.

The long-lasting signs provide property owners with protection from liability from trespassers. The sign's high visibility helps hunters know where the lines are.

Besides landowners, marinas, construction companies and car dealerships have also purchased signs to post on their properties.

Cost for each sign is \$10.95 for a 24-in. and \$14.95 for a 60-in., plus shipping. Besides POSTED written vertically, the signs have labels that say No Trespassing, No Hunting or Hunting by Permission Only.



Three-sided metal signs fit over metal posts and come with large blaze orange letters that can be seen from a long distance.

Also, orders of 100 units or more can be customized with different words, for realty companies, for example.

Signs can be ordered off the 3D Post website, and dealer inquiries are welcome.

Contact: FARM SHOW Followup, 3D Post, 209 Limestone Pass, Cottage Grove, Wis. 53527 (ph 800 500-4104; info@the3dpost.com; www.the3dpost.com).

Poly plow is designed for bunkline feeders. "Feed doesn't stick to it," says manufacturer Ron Fritsch.



Feed Doesn't Stick to Poly V-Plows

Fritsch Equipment's high density polyethylene V-plow puts more feed in front of the cows in bunkline feeders, according to owner Ron Fritsch.

"Feed pushes off nice and doesn't stick to it," he says about the 8-ft. poly plow.

The De Pere, Wis., company, which specializes in poly equipment such as conveyors and calf hutches, designed and built the plow at a customer's request. The quick-tach implement floats so that the pressure on the floor is the same on the front and back of the plow. It also has replaceable wear shoes in the front and back.

Fritsch offers brackets for quick hitches or the plow comes with a standard skidloader mount. Two 27-in. plow markers on the

plow's ends guide the skidloader operator. While Fritsch Equipment also sells 6-ft. bucket-mounted plows, most customers prefer the V-design, Fritsch says. They can push up the feed clockwise one time and counter-clockwise the next time.

"Every time the feed is pushed in, cows get interested in eating again," Fritsch says, and changing direction keeps feed in front of the cows instead of out the door.

Cost for the V-plow is \$875. The Supreme model is \$945.

Contact: FARM SHOW Followup, Ron Fritsch, Fritsch Equipment Corp., 6229 Hwy. 57, De Pere, Wis. 54115 (ph 920 532-6292; www.fritschequipment.com).

Electronic Door Tucks Poultry In At Night

Chickens instinctively know what time to go to bed. With Electronic Doorkeeper, no one has to be there to shut the door behind them.

The system operates on a light sensor or timer, or both, says Nick Breckenridge, a technician at Foy's Pigeon Supplies in Beaver Falls, Pennsylvania. The Doorkeeper, built in Germany, has been used in Europe for several years. Foy's became the exclusive U.S. distributor in March 2007.

The system is very simple, Breckenridge says. The motor operates on four AA batteries and is connected by a cord to the door. The timer or light sensor turns the motor on to shut or open the door.

"It lifts up to 7 lbs.," Breckenridge says, noting that people make their own doors. Foy's sells metal sliding doors in three sizes: 9 by 13-in., 12 by 15-in. and 13 by 20-in. Sizes vary according to use, from a small door in a pigeon loft, to poultry coops, to doors for cats and dogs.

Most customers have purchased the Electronic Door for poultry, Breckenridge says. The light sensor can be adjusted to the customer's needs, and the door closes slowly and stops for obstructions. Prices start at \$145 for outside motor installation to \$160 for interior installation. Doors and other accessories are additional. All products are available



Electronic door is designed mainly for poultry. A timer or light sensor turns on a motor to shut or open the door.



through Foy's catalog and on their website.

Contact: Foy's, 3185 Bennett's Run Rd., Beaver Falls, Pennsylvania 15010 (ph 877 355-7727; foyspigeon@zoominternet.net; www.foyspigeonsupplies.com).

Combo Stove Heats Farm Shop

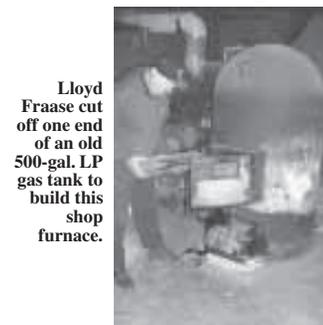
Lloyd Fraase, New Berlin, Ill., built his own shop furnace out of an old 500-gal. LP gas tank. It supplies radiant heat and is also used to heat his shop floor.

"It really works great. I use wood and waste oil in the stove so it provides very cheap heat," says Fraase.

He cut off one end of the tank and installed a plate steel firebox. Then he installed a series of steel bars to form a grate. He welded in a 16 by 16-in. hinged door and also a draft and ash door at the bottom. After cutting the tank he built a bottom for it out of 1/4-in. thick steel plate.

Waste oil is stored inside a galvanized metal pressure tank located about 4 ft. behind the stove. A continuously running air compressor that's located nearby blows air through a metal pipe that leads from the tank and into the stove. A venturi valve on the pipe sucks oil out of the tank and drips it on top of the logs in the burning chamber. A regulator is used to control the rate of drip.

To heat the shop floor, water is delivered through a pipe into the stove and runs through



Lloyd Fraase cut off one end of an old 500-gal. LP gas tank to build this shop furnace.

coils installed above the firebox. A pump delivers the heated water through pipes under the shop floor.

"Before I cut the LP tank, first I filled it with water to get the fumes out. You have to be very careful when working on them," cautions Fraase.

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