



Swather-Mounted Snow Blower

"The unit is extremely maneuverable and the Chrysler 225 cu. in. slant six engine has plenty of power," says David J. Siebold who mounted a snow blower on front of a Massey 655 Hydro swather.

The 7-ft. wide Inland snow blower throws snow from 5 to 50 ft. The deflector at the top of the spout is controlled by the pickup reel control. Siebold used an electric winch to control direction of the spout.

He added 9 in. wings made of 3/16 in. plate on each side of the blower so overall width is 8 ft., 6 in. to match the swather's tire track width. He used chains on the tires for added traction and installed a heater in the cab.

The same rams that originally controlled the swather's table height are used to control the snow blower height.

"The swather header pto shaft turned the opposite direction the blower required so I

mounted a 15-in. implement tire on the blower drive and a wide pulley that turns against the tire so it reverses drive direction. By adjusting air pressure in the tire, I can adjust blower slippage to protect it from damage if a foreign object goes through it."

In winter, Siebold uses the snow blower to clear snow on his farm and at several neighbors.

"In summer I put the swather header, which is equipped with a hay crimper, back on," he says. "This gives me year-around use of my swather, which otherwise would be a one-season machine."

Cost of the project was about \$6,000 (Canadian), including \$4,500 for the swather and \$1,000 for the snow blower.

Contact: FARM SHOW Followup, David J. Siebold, Box 477, Rimbey, Alberta, Canada TOC 2J0 (ph 403 748-3582).



"Snub Nose" Tracked Vehicle

"It turns like a greased pig in an alley. There's nowhere it won't go," says Archerwill, Sask., farmer Charlie Johnson about a highly maneuverable "snub nose" tracked vehicle he built for pushing snow and hunting moose.

It's powered by a 4-cyl. 1600 cc engine and automatic transmission out of a Datsun car. Johnson built the steering mechanism using the main components - planetary drives, brakes and gears - out of a junked Cletrac dozer. He positioned the front drive sprockets higher than the idler wheels, same as some military tanks, so it'll climb over obstacles better.

The vehicle is fitted with a pair of 18-in. wide tracks off an old Bombardier snow vehicle.

Scrap iron was used to build a 5 1/2-ft. wide snow blade. The blade has a section of

grader blade on the bottom for a cutting edge. It adjusts from side to side and raises and lowers with a 2-in. dia. hydraulic cylinder driven by a power steering motor out of an old car. Two pins in the front mounting bracket mount and dismount the blade in a jiffy.

An 8,000-lb. winch off a 3/4-ton 4-WD pickup mounts on the rear.

"Top speed of the 11-ft. long vehicle is 20 mph on hard surface roads. It'll push through a couple feet of snow no problem," Johnson says. "The only improvement I'd make is to upgrade the steering system to a steering wheel instead of two levers."

Out-of-pocket expense was \$3,500. Contact: FARM SHOW Followup, Charlie Johnson, Box 54, Archerwill, Sask., Canada SOE OBO (ph 306 323-4620).

Giant V-Plow Mounts On 4-WD

You'd have to look hard to find a bigger tractor-mounted snowplow than the one used by Mel Lapp and son Doug of Cochranville, Penn. They built a V-plow equipped with 20-ft. long wings on their Case-IH 9350 4-WD articulated tractor.

The bright yellow plow has rigid wings that cut a 10 1/2-ft. wide path. The wings are 12 ft. wide at the top and about 11 ft. high. The plow is mounted on a steel subframe that mounts under the front end of the tractor and extends back to the articulation point. Two big hydraulic cylinders on each side are used to raise or lower the plow.

"We use it to keep the road open on our poultry farm and also to plow snow on state and township roads in our area. We haven't found a snow drift yet that can stop it," says Melvin. "We keep about 100,000 broiler chickens in four large buildings and always have a lot of semi trucks going in and out of our farm that deliver feed or haul chickens to market. We decided to go with an extra big snow plow and be ready to work for the state at the same time. The plow cost about \$10,000 to build. We had a blizzard last March and plowed around the clock for an entire week."

"Our local Case-IH dealer C.B. Hooper & Son of Intercourse, Penn., designed and built the plow and also mounted the subframe, which we bought from an aftermarket manufacturer. We generally plow with the wings about 6 in. off the road in



order to reduce wear. We use a Case-IH 7120 tractor that's equipped with an 11-ft. wide, 42-in. high blade to follow behind and clean up. The blade on that tractor can be angled left or right.

"The plow's wings slope up and out toward the back so when we push snow we're cutting 10 1/2 ft. wide at the bottom and 12 ft. wide at the top. The wings raise straight up and are 11 ft. high at the back. If we have to clear a 13-ft. high drift we raise the plow 2 ft. off ground in order to break through. We apply liquid wax to the entire surface of the plow to make it more slippery.

"The 310 hp 4-WD tractor has no trouble handling the plow. We carry 35 100-lb. weights on back that help balance the weight of the plow."

Contact: FARM SHOW Followup, Lapp Farms, 118 Friends Meetinghouse Rd., Cochranville, Penn. 19330 (ph 610 593-6571).

Quick-Tach Snow Blade Mounts In Loader Bucket

You don't even have to take the front-end loader off your tractor in order to mount this new quick tach snow plow that mounts right in the loader bucket, says Fisher Mfg., New Paris, Ohio.

The snow plow mounts on a frame that can be attached to the bucket in only about 30 seconds. You simply extend a telescoping bar to each side of the bucket and insert a pin into each end of the bar. A steel "Z-bar" slips under the front edge of the bucket to keep the blade from hinging upward as it's moving. Blade angle can be manually adjusted up to 30 degrees. Four springs mounted behind the blade keep it on the ground.

"It eliminates the need to put the bucket on or off all the time, and the quick tach feature allows you to quickly convert the bucket to other uses such as loading and piling snow," says Norm Fisher. "It'll fit any bucket from 4 to 8 1/2-ft. wide and is available in 6,



7, 8 1/2, and 10-ft. widths. Moldboard height is 25 in. on the 6-ft. model and 32 in. on the other models. A 6-ft. wide model sells for \$1,125 while a 10-ft. wide model sells for \$2,400. We also offer optional hydraulic-adjustable blades."

Contact: FARM SHOW Followup, Fisher Mfg. Co., Box 118, New Paris, Ohio 45347 (ph 800 437-7879; fax 937 962-4952).

Strap-On Boot Chains For Slippery Ground

"They're great for any kind of work or play around the farm when the ground's slippery," says Ryan J. Ehmman, whose company makes slip-on boot chains for shoes and snowboots.

"Ice Buddies" consist of a pair of Velcro webbing straps that slip over the toe and a small bungee cord that goes around the heel. Straps and cords are fitted with zinc-coated single-link chain that fits around the ball of the foot. Chains are small enough to be comfortable and safe to leave on for extended periods.

Weighing only 2 1/2 oz. per side, the boot chains adjust to fit any shoe or boot from size 6 to 13 (men or women).



They sell for \$19.95 per pair. Contact: FARM SHOW Followup, Barebac Inc., P.O. Box 30, Sula, Mont. 59871-0030 (ph 800 725-8510 or 406 586-3364).