

Skid Steer Loader Built From SP Swather

"I built it to replace the Ford 8N tractor loader that we used to clean hog barns before. The tractor wasn't very maneuverable in tight quarters and the loader didn't have as much capacity as we needed," says Bryan Neugebauer, who built a skid steer loader out of an old self-propelled swather and fitted it with a modified Deere 45 W loader.

The Dimock, S. Dak., farmer started with a used Owatonna self-propelled swather, retaining some of its original drive components including the swather's V-4-cyl. Wisconsin engine, axles, wheels and drive sprockets. He installed a new Sundstrand hydrostatic drive system in place of the planetary gears and clutch system.

He chopped the frame down lengthwise and widthwise so it's just 48 in. wide from outside tire to outside tire. He also reinforced the skid steer frame with some of the 2 by 4-

in. tubing left over from chopping up the swather frame. He also shortened various drive components to fit the modified drivetrain and fitted the machine with 15-in. car wheels.

He cut the Deere loader down from 7 1/2 ft. wide to just 52 in.

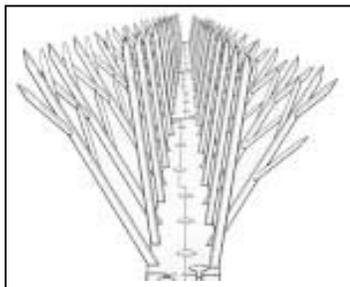
"I used a vane pump from a Lorenz grinder/mixer for the hydraulic pump," Neugebauer says. "I had to buy two new cylinders for the bucket, which is fitted with manure teeth, and I took a cylinder from another loader to operate the grapple fork."

"It works great and cost only about \$3,000 to build, including \$1,800 for the hydrostatic drive," he says.

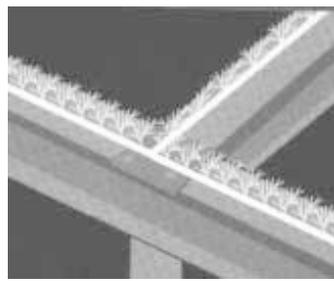
Contact: FARM SHOW Followup, Bryan Neugebauer, 113 West 1st., Dimock, S. Dak. 57331 (ph 605 928-3474).



Skid steer loader is built from an Owatonna self-propelled swather, which Neugebauer converted to hydrostatic drive.



All-plastic Needle Strips stick up in all directions to make landings uncomfortable.



Birds Hate These Needle Strips

Birds instinctively fly to "landing strips" such as window sills, roof ledges, fences, rafters and so on. If you can keep them from landing, they'll go away.

Birds will avoid these new Needle Strips like a barefoot man will avoid walking on nails. The all-plastic strips stick up in all directions. They don't kill the birds. They just make them uncomfortable.

The 1-ft. long strips with 4 1/2-in. long

needles do not change the appearance of buildings because they're transparent. They attach to any surface using special adhesives, screws, nails, wires or other fasteners.

A 10-ft. trial kit sells for \$45; 100 ft. of Needle Strips sells for \$395.

Contact: FARM SHOW Followup, Bird-X Inc., 300 N. Elizabeth St., Chicago, Ill. 60607 (ph 312 226-2473; fax 312 226-2480; E-mail BirdXInc@aol.com).

"Long Reach" Front-Mount Sickle Mower

"It works great to cut brush and grass along roadsides. The driver has a great view and never has to look back," says Fraser Moore, Huntingdon, Quebec. He recently sent FARM SHOW photos of a 9-ft. long New Holland sicklebar mounted on a hydraulic-powered, pivoting boom on front of an IH 2-WD tractor.

Moore is the road supervisor for a local municipality that had been using the tractor equipped with a front mount, pto-driven snowblower and a front-end loader that was used to load road salt into trucks. A drive train extended from the pto and ran under the tractor and up to the snowblower. They were also using a 3-pt. sicklebar mower. However, the mower was difficult to operate because the driver always had to look back. To solve the problem they made a steel carrying frame on front of the tractor allowing them to mount the mower on front. The mower is chain-driven off the existing snowblower drive train.

They bought a 3-pt., pto-driven McConnell boom mower equipped with a 4-ft. long flail-type cutter head designed to remove brush from roadsides. A home-built adapter allows the boom mower to be mounted on the same carrying frame that supports the snowblower



A 9-ft. sicklebar mounts on hydraulic-powered pivoting boom on front of IH 2-WD tractor.

and sicklebar mower. They also made an adapter that allows them to replace the cutter head with the New Holland sicklebar.

"It's a very versatile system that lets one tractor do more than one job, resulting in big cost savings," says Moore. "The snowblower drive train always stays with the tractor, even during the summer. It takes only about 10 minutes to switch from the mower to the



Mower boom pivots at two points and can reach out up to 18 ft. to cut road sides or to trim low-hanging branches. Sicklebar and head can be used vertically or horizontally.

snowblower or loader. It takes about a half hour to switch from the flail head to the sicklebar.

"The mower boom pivots at two points and can reach out up to 18 ft. to cut road sides or to trim low-hanging branches. Both the sicklebar and flail head can be used in either the vertical or horizontal position. The sicklebar can be used to cut off branches up

"High Reach" 3-Pt. Forklift

Unloading bulk seed bags into trailers or gravity flow wagons isn't possible with most 3-pt. forklifts because they can't raise up high enough. That's not a problem for this new "high reach" 3-pt. forklift that can lift 3,300-lb. loads up to 14 ft. high.

The "Hydra-Lift" has a single cylinder to raise or lower the load and a tilt cylinder (optional) to level it. The lift arm is fitted with two forks for pallets.

"It works better than a front-end loader because you have a better view and you can keep the load level as you raise it," says Brian Seifert, Crary Co., W. Fargo, N. Dak.

Sells for \$3,250 plus S&H. The optional hydraulic center link sells for \$165 plus S&H. Contact: FARM SHOW Followup, Crary Co., Box 849, W. Fargo, N. Dak. 58078 (ph 800 247-7335 or 701 282-5520; fax 9522; website: www.crary.com).



Forklift is ideal for unloading bulk seed bags because it has a 14-ft. reach and easily handles 3,000 lbs.