



Self-propelled boat mover was built from a stripped-down Deere riding mower. It's powered by the mower's 3 1/2-hp, 2-cycle engine.

Self-Propelled Boat Mover

Northern Saskatchewan is paradise for fishermen. There are lakes everywhere and often not even a single cabin in sight. Many of the lakes are close together but it's a chore getting boats from one lake to another. So unless you like fishing from a canoe, you need to load up onto a trailer and drive from one place to another. The problem is that in the most undeveloped areas, there might not be a place to launch a boat.

Harvey Nielsen, Melfort, Sask., solved the problem by building a self-propelled boat mover that'll handle up to a 14-ft. boat.

"It works very well to move a boat from one lake to another along a narrow path through the brush. I walk along holding the handle to steer it while the rig follows behind me. When we get to the lake, we just load the boat mover into the boat. In first gear, it has lots of power to get up steep hills and over lake banks," says Nielsen.

The 3-wheel rig was built from an old stripped-down Deere riding mower and is powered by the mower's 3 1/2-hp 2-cycle engine with a 3-speed transmission that also has reverse. The motor, transmission and gas tank are mounted on a single rail down the center of the machine. The two driven wheels are up front. To keep the weight down, Nielsen put a single caster wheel on back. The rig is fitted with boat controls mounted on the handle off a push lawn



Mover will handle up to a 14-ft. boat. It's only 30 in. wide so it can be used along any walking path between lakes.

mower. One control is used to operate the clutch and the other to shift gears.

Two padded carrying bars extend up above the rail to hold the boat.

"It's only about 30 in. wide so it can be used along any walking path through the bush," says Nielsen. "I mounted a steel plate under the aluminum transmission in order to keep rocks from damaging it. It weighs about 100 lbs. so two men can easily lift it into a boat. We set it in the front part of the boat. I usually go fishing with three friends so when we set it inside a 12-ft. boat it gets a little crowded. However, when it's in a 14-ft. boat there's plenty of room for us. Once we get to where we want to go fishing, we put our boat mover on the shore."

Contact: FARM SHOW Followup, Harvey Nielsen, Box 1032, Melfort, Sask. S0E 1A0 Canada (ph 306 752-9253).

"Wind Diverter" Keeps Vent Fans Working In High Winds

A common problem with ventilation fans in livestock buildings is that when they run at a slow speed, strong winds can stop or even reverse them. A new "wind diverter" is said to solve the problem.

The one-piece poly unit bolts over the end of any existing ventilation fan. It's open at the top and bottom, with the front and both sides closed. The unit separates the air flow coming out of the fan so that part of it goes out the top and the rest out the bottom.

"It's effective against both head winds and side winds," says Charlie O' Kelley, O' Kelley Mfg., Diagonal, Iowa. "Other wind diverters on the market work only if the wind is blowing from a single direction and they can build up back pressure, which affects the fan's operation. Our wind diverter keeps the temperature inside constant, which results in improved animal health and savings in electricity costs.

"An additional benefit is that the unit can help reduce odor problems outside livestock buildings. Building fans normally zone air into a channel which is pushed a long distance across the countryside. The wind diverter splits the outgoing air into two flows,



One-piece poly unit bolts over the end of any existing ventilation fan and is open at top and bottom.

with some directed toward the ground and the rest into the atmosphere."

Seven different models are available to fit fans from 8 to 48 in. in diameter. They're available in either a black or white color. They sell from \$39 to \$385 plus S&H.

Contact: FARM SHOW Followup, O' Kelley Mfg., Rt. 2, Box 293, Diagonal, Iowa 50845 (ph 800 525-3276; fax 515 734-5814).



Robert Davis built pull-type land leveler by welding a pair of semi tractor frames together end to end. He pulls it with a Deere 8440 4-WD tractor.

40-Ft. Long Land Leveler Made From Two Semi Tractor Frames

Robert Davis needed a big land leveler to work his fields. But he didn't want to spend the money on a commercial rig.

So the Savannah, New York farmer built his own 40-ft. long pull-type land leveler by welding a pair of semi tractor frames together end to end. The two-wheeled rig is equipped with a pair of 20-ft. wide offset blades and rides on a pair of 18.4 by 26 combine tires positioned at the back. The tires mount on a steering axle (formerly a semi tractor's front axle) that uses a hydraulic cylinder that operates off tractor hydraulics.

The 20-ft. wide blades are made from a pair of 12-in. sq. "H" beams welded together at one end so they form a sideways "V". A pair of chains connect the blades to both ends of a rockshaft (an axle off an old Deere disk) that mounts on top of the rails. A hydraulic cylinder is used to rotate the rockshaft forward or backward to adjust blade depth. The blade also pivots 90 degrees for road transport.

The blade is further supported by a set of chains that extend from the front part of the blade up to the drawbar. A truss cable underneath provides added support.

"It's the best lump buster I've ever used. It just grinds them up," says Davis. "I use my Deere 8440 4-WD tractor to pull the rig. I use it to fill in 6 to 8-in. deep dips and old ditches in our fields. Going at 8 to 10 mph I can cover 75 to 100 acres in about 10 hours. In many fields it has eliminated combine



Rig is equipped with a pair of 20-ft. wide offset blades and rides on a pair of 18.4 by 26 combine tires at the back.

wheel tracks and dips, which has resulted in 4 to 5 bushels more per acre of dry beans. The steering axle still has the truck springs and shackles which helps cushion the shocks as the blade goes up and down.

"I needed a steerable axle because all our fields are ditched and we have narrow driveways leading into them. To mount the 18.4 by 26 combine tires on the truck axle, I first welded combine wheel rims over the top of the truck rims."

Contact: FARM SHOW Followup, Robert Davis, 2030 Bixby-Wood Road, Savannah, N.Y. 13146 (ph 315 365-2266).

"Slip Clip" Makes Fencing With Steel Posts Easier

Stringing fence wire on steel T-posts goes much smoother with this new "Slip Clip" that makes it easy to attach the wire and stretch it.

The simple clip consists of a steel loop with an opening at the back that allows you to slip the wire in and out as needed. The clip is fastened to a post by wrapping wire tightly around arms that extend out each side of the clip. The 3/4-in. opening inside the loop on the clip allows even barbed wire to slide back and forth easily when stretching the wire.

The Slip Clip can also be used on wood posts and for let downs, hay yards, and anywhere else you need to run fence. Because it's so easy to remove the wire, it's also great for temporary fence.

The clips sell for 25 cents apiece plus shipping.

Contact: FARM SHOW Followup, Dwyer



"Slip Clip" consists of a steel loop with an opening at the back that allows you to slip the wire in and out as needed.

Manufacturing, Inc., HC 60, Box 63, Bartlett, Neb. 68622 (ph 402 843-2479; E-mail: dwyer@gpcom.net).