

Made It Myself

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Tow-Behind Two-Wheeled Light Cart

You'll like this handy "light cart" put together by an Ontario farmer to make it safer to pull wagons and drive unlighted equipment down the road after dark.

William E. Douglas, Alvinston, took the back end off an old truck and fitted it with turn signals and flashing lights. Then he made a small platform and mounted a battery and auto alternator on it, belt-driving the alternator off the rear end universal joint which is turned by the wheels. A simple wagon tongue was fitted to the front of the cart.

"We use it to pull behind all types of farm wagons and machinery," says Douglas, who says he spent about \$265 in all to build the cart.

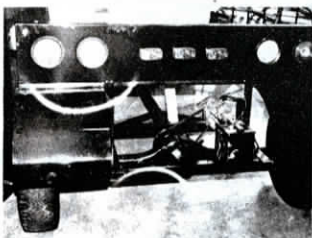


Photo courtesy Ontario Farmer

Contact: FARM SHOW Followup, William E. Douglas, Rt. 7, Alvinston, Ontario N0N 1A0 Canada (ph 519 847-5309).



Hydraulic Mower Converted To Belt Drive

B.L. Uhnken, Jacksonville, Ill., needed a mower for roadsides. He wanted one that would mow in vertical position or drop down to a 45° angle below the horizontal.

Uhnken located an IHC highway mower he liked but the problem was that it was hydraulic-powered. With the mower mounted on the side of his widened-out Deere tractor, he didn't have direct access for an driveshaft to drive the external pump mounted on the sicklebar mower.

To solve the problem, Uhnken simply

ran a jackshaft from the mower pump back to a double-V pulley at the back of the tractor. It's belt-driven by a larger pulley mounted directly on the pto.

Uhnken says he's used the mower 4 years without problems. The design of the mower provides extra stability on steep hillsides because the heaviest part of the mower rides on the ground.

Contact: FARM SHOW Followup, B.L. Uhnken, Jacksonville, Ill. 62650 (ph 217 245-4359 or 472-3851).



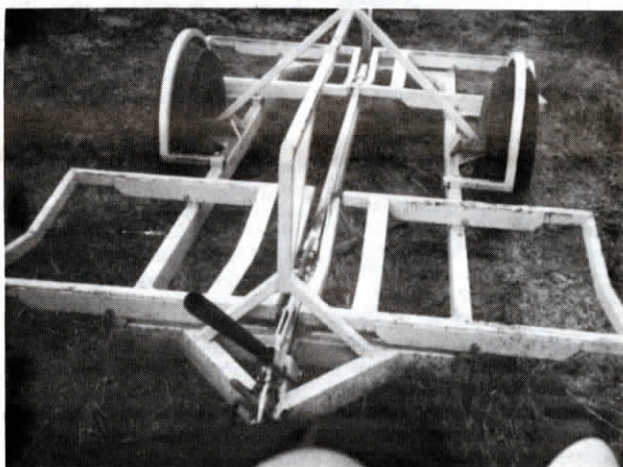
Hay Wagon Backboard

"My son and I wanted a basketball hoop but we didn't have a flat paved spot on our farm," says Donald J. Ten Kate, Freeville, N.Y., who came up with an innovative solution.

"We live on a quiet back road so I mounted a backboard on the back of a hay wagon so that now, whenever we want to play basketball, we roll the wagon out to the edge of the road and use the road as our court.

"I just cut out a piece of plywood for the backboard, mounted it on a pair of 2 by 4's, and attached a hoop. During haying season, we unbolt the backboard so we can fit the wagon in the barn for unloading. Takes just minutes to take down."

Contact: FARM SHOW Followup, Donald J. Ten Kate, 235 Wood Road, RD #1, Freeville, N.Y. 13068 (ph 607 347-4275).



"Self-Unload" Round Bale Trailer Dumps Bales On End

"It makes it easy for one man to load, transport, and unload round bales and you can pull it with a pickup at 40 mph," says Greg Koether, McGregor, Iowa, about his home-built bale trailer that "self-unloads" bales, standing them on end.

The bale mover is mounted on a 5-ton axle salvaged from a Schuler silage wagon and is equipped with 10 by 20 truck tires. The 16-ft. long rig holds 4 round bales. Koether loads the trailer in the field with his tractor's 3-pt. hitch. Once loaded, he pulls it with either a tractor or pickup. The trailer is equipped with hinged cradles on each side for self-unloading and a dump lever in front that releases all four cradle locks at once. The bales dump one at a time, starting at the right rear and finishing at the left front. Once bales are dumped, cradles automatically close.

"Dumping bales off on their end saves a lot of time because there's no need to



Hinged bale cradles on each side of trailer drop bales on end.

flip bales onto their ends before stacking them," says Koether, who built the unit with the help of friend Bill Tesar. "Bales stacked on end keep their shape better for greater stability and you can fit more of them in a building."

Koether spent \$1,500 to build the trailer. Contact: FARM SHOW Followup, Greg Koether, RR, Box 215, McGregor, Iowa 52157 (ph 319 873-3385).



Mini-Truck Has 20 Forward Speeds

"I call it the Hermobile," says Herman Coleman, Vici, Okla., who built a "for fun" mini-truck from scratch that's got 20 forward speeds and 5 in reverse.

The truck weighs 1,120 lbs. and is 9 1/2 ft. long, 4 ft. wide and 5 ft. high. It's got a wood cargo box on back.

"We use it for some chores around the farm but mostly we built it for fun and to take to parades," says Coleman.

The truck is powered by a Honda 185CC engine with 5 gears and is equipped with a 112 Deere garden tractor rear end transaxle that's got an additional four forward gears and reverse. The combination of the two gives the truck 5 speeds in each of the gears in transaxle. Top speed is 35 mph.

Contact: FARM SHOW Followup, Herman Coleman, Rt. 1, Box 17, Vici, Okla. 73859 (ph 405 995-4425).