

FARM SHOW

For everyone in agriculture interested in latest new products and ideas. Carries no advertising!

Vol. 19, No. 4, 1995
\$3.50

NO MOTOR TO MAINTAIN AND YOU GET A GOOD WORKOUT, SAY INVENTORS

Pedal-Powered Lawn Mower!

By Jim Houtsma,
Associate Editor

"I can cut about 1/2 acre of grass per hour on level ground, about the same as with a medium-size gas-powered push mower. But it costs almost nothing to operate, doesn't pollute, and you get a better workout," says Richard Ehrlich about his pedal-powered lawn mower.

The Caledon East, Ontario, inventor built the front wheel drive, rear wheel steer mower out of an assortment of bike parts, steel tubing, and a Toro Starlawn reel-type mower.

The 3 by 5-ft. mower cuts a 26-in. swath. It weighs 110 lbs. It could be built much lighter by making the frame out of aluminum instead of steel, Ehrlich notes.

He replaced the drive belts and shafts on the Toro reel mower with a single 3/4 in. dia. off-the-shelf drive shaft. That drives both the front axle and cutter reel via a chain and sprocket drive off an old snowblower. Bike pedals and a 10-speed bike "transmission" are used to power the mower.

"It's geared extremely low so almost anyone can power it," Ehrlich says.

The mower's 16 in. dia. rear wheel came off a kid's bike. It steers via cables connected to modified bicycle handlebars mounted under the seat. Rear steering lets the mower turn in its tracks, notes Ehrlich.

A hand brake on the left handlebar connects to the drive shaft. Cutting height can

(Continued on next page)



Pedal-powered mower can cut about as much grass as a medium-sized gasoline-powered push mower, according to the inventor.



The reel-type mower cuts a 26-in. swath. It steers via cable connected to modified bicycle handlebars mounted under seat.

FARM SHOW Video - Volume II!

(See page 5)

IN THIS ISSUE: Ag World

Order Form For New
Subscribers - p. 40

- | | |
|--|---|
| 3 Self-Propelled Planter Built From Combine | 17 World's Only "Deere" Pickup |
| 3 Lightweight Rear Dump Grain Cart | 18 Buildings Made From Wood Pallets |
| 4 Riding Mower Made From Mazda Pickup | 23 Farmall "H" Fitted With Steel Tracks |
| 6 Subsoiler Made From Moldboard Plow | 24 Home-Built Bagger For Big Bales |
| 8 Axle Extensions For Deere 4555 Tractor | 25 Tilting Bucket For Skid Steer Loaders |
| 11 Deere Chopper Doubles As A Sprayer | 32 Do-It-Yourself Air Conditioning |
| 28 Money-Saving Repairs & Maintenance Shortcuts | |