

“Double Decker” Deer Stand

“I converted an old kick bale wagon into a double decker deer stand,” says Warren Deibert, Fond Du Lac, Wis., who uses his ATV to tow the mobile rig around.

The 9 by 16-ft. wagon is equipped with 2 floors - an upper floor that supports the hunting stand, and the wagon’s original floor which Warren uses to haul his ATV. He simply drops the metal rack on front of the wagon down to the pole and then places a pair of ramps against it.

The 11 by 17-ft. upper floor consists of a sheet of 5/8-in. plywood with a thick rubber mat glued on top of it. The plywood was simply attached to the top of the wagon’s angled sides. The hunting stand sets on an angle iron frame that’s bolted to a series of 2 by 6’s that extend from one side of the wagon to the other to form trusses. Warren nailed fascia boards to the outside ends of the 2 by 6’s so he could tuck the rubber mat around the plywood in order to protect the plywood from the weather.

The hunting stand measures 4 1/2 ft. wide by 5 ft. long and is made from cedar, with a rubber roof. Warren oil-stained the wood 3 times. Turnbuckles and lengths of cable were used to tighten the top corners of the hunting stand down to the 2 by 6’s. The stand is equipped with sliding windows, a carpeted floor, and a small propane heater.



Warren Deibert converted an old kick bale wagon into this double decker deer stand.

“People shake their head when they first see it, but I like it,” says Warren. “When I get to my destination I use car jacks to anchor the wagon in place at all 4 corners. I use a stepladder to climb up to the second floor.”

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Trailer-mounted deer hunting stand folds down for transport. Holland lowers the deer stand by turning a big wheel that’s welded to a pipe equipped with a cable spool.

Portable Deer Stand Made From Old Wagon

“It’s easy to use and lets me hunt anywhere I want,” says Gary Holland, Benton, Ky., about the 14-ft. high, trailer-mounted deer hunting stand he made that folds down to a 9-ft. height for transport.

Holland mounted the deer hunting stand on the running gear off an old wagon. When arriving at the location he wants to hunt, he raises the deer stand by turning a 2 1/2-ft. dia. wheel that’s welded to a 2-in. dia. pipe equipped with a cable spool.

“It also makes a great wildlife viewing spot,” says the Kentucky farmer. “I can move it wherever I want and stay warm and comfortable. The stand is fitted with indoor-outdoor carpet, a portable LP heater, and curtains that move out of the way for shooting. One advantage is that when deer hunting season is over I don’t have to tear anything down like I would with a commercial deer hunting stand.

“It takes about two minutes to raise the stand up or fold it down. I use a ladder to

access a door on the back side of the stand.”

The 3 by 6-ft. metal deer stand is welded on top of a 6-ft. long, 6-in. dia. pipe. The bottom of the pipe hinges on a big bolt. In the raised position, the pipe is held secure by another big bolt that runs through the pipe and through a pair of channel irons on either side of the pipe. Holland built the back end of the deer stand to be heavier than the front end so that when it’s raised up, it’s more stable. Chains that run from the stand to the pipe are also used to hold it more securely in place.

The pipe that supports the wheel is welded to a pair of vertical supports, which are welded to a length of 4-in. sq. tubing that’s welded to the wagon frame. A total of 6 pulleys are used to gear the wheel down between the wheel and pipe, making the wheel easy to turn.

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High-speed reel mower has large wheels that drive bicycle-style sprockets.

He Used Bike Gears To Speed Up Reel Mower

Steve Hartman is a bicycle rider who took a look at his reel push mower and figured he could use a bike’s sprocket-drive system to speed it up. His Cyclemower is like no other person-powered mower on the market.

“It all comes down to blade speed,” says Hartman. The blades on his mower spin at a blinding fast 700 rpm’s at walking speed. They’re also made better than the blades on other reel mowers, he says. The engineered blade system reduces the need for annual maintenance and sharpening.

In addition to blade speed, Hartman fitted the mower with specially-designed wheels, an enclosed grass catcher and racing bike-style handgrips.

The wheels have recycled rubber treads and are designed to grip the grass in a cog-like

connection, wet or dry. Hartman says this makes pushing a lot easier.

The enclosed grass catcher is smooth, easy to remove and easy to clean. The handgrips on the mower handles swivel up and down as they do on a racing bike. He says they are designed to reduce fatigue and make turns easier.

Hartman is on his fifth generation prototype. He is looking for a manufacturer to take the mower to the market. No pricing has been established. However, people can reserve a mower via the company website for \$100.

To see the mower work, visit www.farmshow.com to view a video.

Contact: FARM SHOW Followup, Cyclemower (ph 855 469-2925; www.cyclemower.com).

Ladder Leveler And Stabilizer

“Our new ladder leveling device is the best method ever invented to use ladders safely on sloping ground,” says Gary Cayson, Portland, Ore.

The unit weighs 14 lbs. and works on grades of up to 30 degrees. It can be used with ladders up to 32 ft. long. The aluminum device clamps onto the bottom 2 rungs of an existing ladder and includes an integrated bubble level. The bottom of the ladder sets in a cradle off the ground and pivots on an arch with a series of holes in it.

Once attached to the ladder, the arch can be swiveled to adjust to the slope of the ground while allowing the ladder to remain upright. To swivel the arch, you simply pull a handle out from it. The bubble level ensures that the ladder is straight up and down. Once everything is lined up, the stand is locked into position, and you can climb the ladder.

“It places the ladder’s center of gravity farther down the ladder, increasing side to side stability,” says Cayson. “It also broadens the base of the ladder, helping to increase stability.”

The standard model sells on the company website for \$320 plus S&H while a heavy duty, 22-lb. version sells for \$329 plus S&H. Contact: FARM SHOW Followup,



Leveling device clamps onto ladder’s bottom 2 rungs. Bottom of ladder sets in a cradle off the ground and pivots on an adjustable arch.

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