



Kenneth Hill had friend Andy Fenley cut an old Minneapolis Moline 14-ft. end wheel drill in half to build this 6-ft. 8-in. wide drill. He pulls it with an ATV or small tractor.

End Wheel Drill Cut Down For Feeding Wildlife

Old grain drills can be cut down and converted into low-cost seeders for small food plots and native grass seeding, says Kenneth Hill, Erick, Okla., who had a friend, Andy Fenley, cut an old Minneapolis Moline 14-ft. end wheel drill in half to build a 6-ft. 8-in. wide drill. He pulls it with an ATV or small tractor.

They started with a 1960's-era Minneapolis Moline 14-ft. drill that Hill already owned. It was equipped with a single box and with double disc openers and drop tubes. He removed one of the end wheels from the box and then cut the drill in half, then reattached the wheel. He also shortened the hitch by 6 ft. and moved it over so the "half size" drill would pull directly behind the ATV.

"It works great for planting seed plots for deer, quail, and other livestock," says Hill. "We used it last spring for the first

time to plant 3 1/2 acres. We mix rye, wheat, and turnip seed together which makes a great food plot mixture. We also used it to plant a couple of big gardens and to plant a cover crop in an orchard to keep the wind from blowing the soil away.

"Andy did all the work and uses his Honda 550 4-WD ATV to pull it. I tried using my Honda 450 4-WD ATV but it didn't have enough power. My brother also uses his 15 hp tractor to pull it it.

"It took only about seven hours to build, and our total cost was less than \$100. Our biggest expense was the fancy car paint that we used to repaint the drill."

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With a front-mounted boom and rear-mounted hand nozzle with 50 ft. of hose, Karl Cole can do many different kinds of spray jobs around his farm.

Riding Mower Converted Into Versatile Sprayer

Karl Cole, Santa Rosa, Texas, converted his Scotts 16 hp garden tractor into a self-propelled mini spray rig, complete with a 10-ft. boom on front and a hand nozzle with 50 ft. of hose on back. The hose is stored on a reel that bolts to an aluminum deck. There's a 28-gal. tank on back of the tractor, and a 12-volt pump that operates off the tractor battery.

"It really works good and is a lot of fun to operate," says Cole. "I use the boom to spray for mosquitoes which can be a real problem in our area. It works better than a rear-mount boom because I don't get a sore neck from having to turn around all the time. The boom is equipped with flood jet nozzles and rides only about 12 in. off the ground, which mini-

mizes drift. I can operate the boom on the left or right side or both sides at once."

The 3-section boom is made from 1-in. pipe, and each outside section on the boom is connected to a rope. By pulling on either of the ropes Cole can lift the sections up, allowing the rig to squeeze through narrow spaces. A pair of vertical metal tubes keeps the boom from going too far up and over.

He says he uses the hand nozzle mainly to spray Roundup along fence lines.

His total cost was about \$250.

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Dew Drop Drill is designed to "solid seed" crops rather than plant in rows.

No-Till Drill For Small Food Plots, Native Grasses

"It can handle a large variety of seeds and gives you better habitat, with more cover and less weed competition, than anything else on the market," says Dewey Stouffer about his company's new no-till seeder for small food plots and native grass seeding. It's designed to be pulled by an ATV or small tractor.

The Dew Drop Drill is a native grass drill equipped with twin seed boxes. It's designed to handle a variety of seeds including warm and cool season grasses, small and large grains, wild flowers, forbs, legumes, and many commercially available food plot mixtures. Seeding width is 3 ft.

The small seed box holds .75 bu., and the larger "fluffy seed" box holds 3 bu. There are five different settings for fluffy seed and nine settings for small seeds.

The ground-driven unit starts with two rows of 9-in. coulters mounted on a steel frame followed by a row of ten 10-in. long harrow tines. A drop chute under the seed boxes directs the seeds down to drop right behind the tines, which mixes the seed and soil together and results in a "no-rows" pattern.

The drill's coulters and harrow tines are

raised and lowered by an electric motor, while an electric clutch engages and disengages the seed boxes. Both the seed boxes and disk settings can be remotely controlled from the ATV seat, allowing you to control tillage depth and seed placement.

The drill requires a minimum 350 cc ATV and can cover one acre per hour at 3 mph.

"Farmers who see it for the first time often shake their heads and smile, because it reminds them of a piece of old machinery that's easy to understand," says Stouffer. "The harrow tines mix dirt and seed together in a random pattern that results in better plantings and less weed competition. This machine has no drop tubes, so the crop comes up looking like turf grass. Most drills plant on 7 or 10 in. centers, with space between the rows where weeds can grow and where foxes or coyotes can chase down pheasants and quail, etc. Our drill leaves no such 'predator rows'."

Sells for \$6,500.

Contact: FARM SHOW Followup, Little Sioux Prairie Co., 2150 280th St., Spencer, Iowa 51301 (ph 712 264-1186; info@dewdropdrill.com; www.dewdropdrill.com).



"It's definitely unique," says Gary Pyron, who mounted eight 8 by 16 tires on his 16 hp Case 446 garden tractor.

Extra Wheels Grab The Eye

Gary Pyron's 16 hp Case 446 looks like a garden tractor on steroids. With its eight 8x16 tires, it grabs the eye at area parades and antique tractor shows.

"I bought it new in 1978 and mowed with it for 26 years," explains Pyron. "When I retired, I decided to do some work on it."

Pyron pulled the front axle off and turned the spindles upside down to get added height. He also had to widen it a bit to create enough room for the larger tires to turn. With the help of some spacers, he was able to add a second set of wheels front and back.

"The 8x16's were the original rear wheels for the Case 446," says Pyron. "Even with the duals on the front and no power steering, I can steer one handed."

Pyron has a lot of fun with the "big little" tractor. "Everyone looks at it and asks questions," he says. "I took it to Case Heritage days, and it was the only thing like it there. It's unique."

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