



Jorgenson raised his 3-wheeler up 3 1/2 ft. and widened the rear wheels to 5 1/2 ft.

"STILTS" GIVE 4 FT. OF CLEARANCE

"High Boy" 3-Wheeler Great For Spot Spraying

"It makes quick work of spot spraying corn and soybean fields," says Mike Jorgenson, Montevideo, Minn., who modified a 1980 Kawasaki 3-wheel ATV into a mini high clearance spot sprayer.

Jorgenson worked with Jim Adolph, a blacksmith in Milan, Minn., who raised the 3-wheeler 3 1/2 ft. and stretched the rear wheels 5 ft. apart. He removed the wheels, installed steel "stilts", then remounted the wheels and added pulleys and belts to drive them. Jorgenson added a 15-gal. spray tank behind the front wheel, a battery-powered electric spray pump, and a spray wand.

"It's a good way to make use of 3-wheelers which might not otherwise be used because of the danger of operating them," says Jorgenson. "I had been using a bean bar mounted on my front-end loader, but I became concerned about the riders' exposure to chemicals. My mini sprayer has 4 ft.

of clearance so I can zip right up to a weed patch at any crop stage. The sprayer can even go through 5 ft. of corn because the plants will bend over. The wide wheelbase makes it surprisingly stable. I've never tipped it. The wheels are spaced to let me go through 30-in. rows. Tin shields in front of the wheels brush back corn and soybeans to keep the wheels from driving over them.

"If I could build it again I'd change a few things. It needs a segmented belt because it does have some slippage in tough going. The 15-gal. spray tank is too big and heavy. I'd use a smaller tank. I also wouldn't try to build it so it can't be converted back to a 3-wheeler. The extra work wasn't worth the effort."

Contact: FARM SHOW Followup, Mike Jorgenson, RR 1, Montevideo, Minn. 56265 (ph 612 734-4951).



Moveable sides of new trailer drop down to unload bales or raise up to hold bales in place for transport. They also "open up" from the inside out to create a bale feeder.

SIDES OF "3-IN-1 WAGON" FOLD UP TO FORM FEEDER, OR DROP DOWN TO UNLOAD

You've Never Seen A Bale Hauler Like This!

"I built it when my 3 boys left home and I had to start doing everything myself," says DuWayne Rader, Menahga, Minn., who built a first-of-its-kind 3-in-1 bale wagon that's unlike anything else on the market.

The new bale handler transports round bales as a flatbed, self-unloads its cargo, and also transforms itself into a king-size bale feeder.

The wagon has movable, hydraulic-controlled sides that move into different configurations as needed. When in the flat, horizontal position, the 18 1/2-ft. long wagon functions as a conventional bale carrier, handling 10 to 18 round bales depending on size. When hauling wide bales, the sides of the wagon slide outward, widening the wagon from road-legal width of 8 1/2 ft. to 10 1/2 ft. The sides of the wagon can be tilted upward to tightly hold its load of bales, stabilizing the load.

"This is a great feature, especially when hauling bales over rough fields. Keeps bales from rolling off and stabilizes the load on the wagon so it trails better," says Rader.

The moveable sides of the bale wagon also drop downward to unload bales. The operator simply drops them down with hydraulics from the tractor seat, tipping the bales onto the ground.

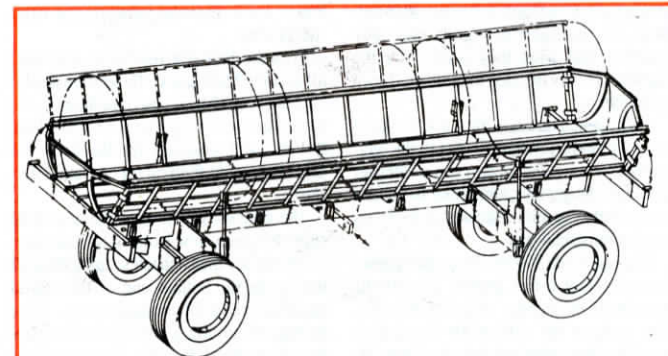
To use the wagon as a bale feeder, the two sides of the wagon tip upward from the inside, forming feed panels. A row of bales is positioned down the center of the wagon and cattle eat through the now-vertical side panels.

"It makes a nifty feeder because you can move it if it gets muddy around the wagon. Also, bales are off the ground so there's less waste," says Rader, who has about 100 acres of cash crop alfalfa. He just finished the prototype bale hauler this spring and is already negotiating with a manufacturer to produce the patent-pending transporter-feeder. He says that unlike the prototype, production models will have a metal rather than wood bed. The hauler can be mounted on a standard 4-wheel running gear.

Two hydraulic cylinders on each side of the bale hauler control tipping of the sides. The same cylinders tip the sides up and down, and also lift the sides up from the inside to convert the bale hauler to bale feeder.

Sells for \$4,750 with running gear and \$3,500 without running gear.

For more information, contact: FARM SHOW Followup, DuWayne Rader, Rt. 1, Box 185, Menahga, Minn. 56464 (ph 218 346-4568).



Two cylinders on each side of wagon fold sides up from the inside out to turn the bale hauler into a mobile feeder. The same cylinders also lower wagon's sides to unload.

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