



When they couldn't find a 5th wheel trailer for their small-size pickups, Vogler and Wilkinson decided to build their own. Now the trailer is on the market.

FIRST 5TH WHEEL FOR SMALLER PICKUPS

Gooseneck Trailer For Mini, Mid-Size Pickups

If you own a mini or a mid-range pickup, you'll want to take a look at these new down-sized gooseneck trailers designed with your truck in mind.

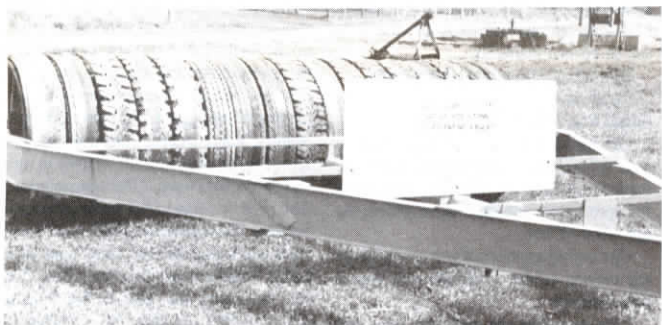
Don Wilkinson and Bill Vogler of Barnes, Kan., say that when they couldn't find a 5th wheel trailer to pull behind their own small-size pickups, they decided to fill the void with one of their own.

"It gives you the hauling capacity of a full-sized trailer but lets you take advantage of the economy of a smaller pickup. Goosenecks pull much better than a bumper hitch and load distribution is much better," says Vogler.

The new 4,000-lb. capacity trailer is 6 ft., 2 in. wide and either 12 or 14 ft. long, fitted with 20.5 by 8 tires. The trailer bed is 27 in. off the ground. It's got tandem rubber torsion axles with electric brakes, and a 2 by 6-in. wood floor. Can be painted to match your pickup. Can also be used with a full-size pickup.

A 12-ft. flatbed sells for \$1,995. Also available with a bumper hitch.

Contact: FARM SHOW Followup, Bill Vogler, Walnut Creek Mfg., Box 154, Barnes, Kan. 66933 (ph 913 763-4215 or 913 763-4551).



Atwood's field roller is fitted with treads from 17 used truck tires.

CONCRETE FILLED INSIDE

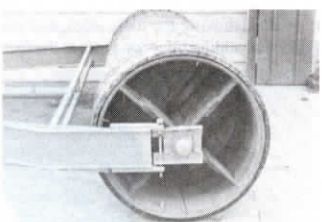
"Road-Ready" Roller Fitted With Truck Tread

The trouble with big steel field rollers is that they're not practical to take on roads. A Virginia farmer-inventor says his patented new "road-ready" roller, fitted with rubber truck tread, solves the problem.

"You can tow it down the road at speeds greater than 20 mph, significantly reducing the time required to move rollers from field to field," says Ruben Atwood, who farms near Rileyville.

Atwood uses the roller on hay fields and on fresh-tilled ground. "Hay fields that previously were limited to cutting speeds of not more than 2 mph because of rocks and other obstructions can now be cut at speeds of 4 mph, or as fast as the machine is capable of operating. It also prepares cloddy or rocky soil for planting, and levels and compresses fields for better germination after planting."

The roller is made from an 11-ft. long pipe, 36 in. in dia. with 1/2 in. thick side-



The 11-ft. long, 36-in. dia. roller is filled with concrete.

walls. It's fitted with treads from 17 used truck tires. The roller can easily be adjusted to weigh between 1 1/2 to 7 tons, depending on how much concrete ballast is poured inside the pipe.

Atwood is looking for a manufacturer. Contact: FARM SHOW Followup, Ruben L. Atwood, Rt. 1, Box 361, Rileyville, Va. 22650 (ph 703 743-6611).



Jerry Newton converted this Deere 4-row cultivator to fit his IH 966 tractor.

FARMER CONVERTED CULTIVATORS

Front-Mount Deere Cultivators Go "IH"

Anyone with a farm shop and a welder can convert front-mount Deere cultivators to fit International tractors, says Alabama farmer Jerry Newton, of Anderson, who converted a pair of Deere FM-4 4-row front-mount cultivators to fit his International 966 and 656 tractors.

Newton raises 675 acres of cotton. "I had been using front-mount IH cultivators, but they don't do as good a job as Deere's. They kept getting out of adjustment so I had to spend a lot of time tightening bolts. Two local Deere dealers said I'd be wasting my money if I tried to convert front-mount Deere cultivators to fit IH tractors, but I've used them for four years now and they've worked great."

The problem with the IH tractors is that they're shorter and wider than the Deere tractors the cultivators were designed for. The first step was to drill new holes in the cultivator mounting brackets to fit over existing bolts in the frames of the tractors. He then cut the front part of the cultivator frames, widening the frame for the 966 tractor by 2 in. and the frame for the 656 tractor by 1/2 in. He also cut the side frames of the cultivators to shorten them because the IH tractors are shorter than the Deere tractors he had been using.

Newton found that vertical coil springs above the cultivator shovels interfered with the oil pan and other parts of the International tractors. He ordered an owner's manual for the cultivator and found that the same problem existed with certain Deere tractor models. "To solve the problem Deere offers a part that converts the spring to a

horizontal position, but it costs \$22 and I would've needed four of them, so to save money I built my own part," says Newton. "I made a 45 degree bend in the center of a 6-in. long piece of 1-in. sq. rod and drilled three 1/2-in. holes into it. After I converted the shovels both cultivators fit and worked perfectly."

Newton notes that Deere front-mount cultivators have two problems, which he solved. One problem is with a 1/2 by 4-in. bolt, with a pipe spacer, that mounts on the rockshaft that raises the cultivator. "Every time I picked up the cultivator the bolt would break. I tried to fix the problem by using a stronger bolt and a larger pipe, but it didn't help. I finally installed three bolts and a piece of square tubing which seems to have solved the problem. The other problem was that the arm supporting one of the rolling fenders blocked my view of the row. To solve the problem I cut the fender in half and mounted each half on its own arm. Now I can see the row as well as I could with no fenders at all."

Newton sells two front-mount Deere cultivator conversion plans. One plan converts cultivators to fit International 656 to 686 models, and the other plan converts cultivators to fit International 706 to 1586 models. "Front-mount Deere cultivators can easily be converted to fit other sizes of International tractors, as well as other brands," he adds.

Each plan sells for \$10. Contact: FARM SHOW Followup, Jerry Newton, Rt. 1, Box 239-A, Anderson, Ala. 35610 (ph 205 247-1535).



Newton converted a second Deere cultivator to fit this IH 656 tractor.