



Spare tire carrier mounts under trailer without taking up space on the bed.

Nifty Way To Carry Trailer Spare

"I got a flat on my flatbed trailer one day while out on the road and had to call home to have a spare delivered. I decided to find a way to carry one around without taking up space on the trailer bed," says John Daugherty, Gray, Ga.

"I didn't want to mount it on the side or tongue so underneath was my only option. My brother, James, made a rack out of steel tubing and welded it to 2 pieces of tubing between the trailer's axle and tongue. There's about 7 in. of clearance between the bottom of the tire carrier and the ground.

"A flip-up latch pins to a tab welded to the side of the trailer. You could also insert a padlock to secure the trailer.

"If I did it over I might put it on the driver's side of the trailer to give more clearance for jumping curbs when I haul equipment into town. But I haven't had any problems to this point."

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Tire rides in steel cage welded to the trailer frame. Flip-up latch on rack pins onto a tab welded to side of trailer.



Handy Spare Tire Carrier For Trailers

David Pichler, Eau Claire, Wis., came up with a trailer tire carrier that he says ends the spare tire hassle of conventional mounts.

The carrier secures the tire in a vertical position, and is welded to one side of the trailer's tongue where it's easy to reach. It requires no special tools to attach and detach.

"When I want to remove the tire, I just tap a metal wedge up out of slots cut into a pipe that goes through the wheel hub," says Pichler. "Most commercial tire carriers mount on the side of the trailer where the tire is hard to reach, and often difficult to remove because of rust buildup."

He welded a length of 4-in. channel iron vertically onto the tongue, then welded a pipe diagonally onto it as a brace. He welded a short 3-in. dia. pipe horizontally to the back side of the channel iron and then cut a pair of matching 1-in. long, 1/4-in. wide slots into the pipe, one on top and one at the bottom. He then made a 1/4-in. thick steel wedge and drilled a small hole through the bottom for a padlock.

To install the tire, he slides the wheel over the pipe and follows it with a big washer, then drops the wedge down through both slots and inserts the padlock. "The washer keeps the wedge from scuffing up the wheel hub," says Pichler. "This tire carrier works so well that I've built a couple of others for neighbors," he adds.

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Tire is installed by sliding it over a short horizontal pipe with a pair of matching slots cut into it, then dropping a small steel wedge through both slots and inserting a padlock.



Flatbed Trailer Has A Detachable Gooseneck

Safety is the number one reason Davis Industries designed a flatbed trailer with a detachable gooseneck. The deck is low to the ground for loading, unloading and transport, so the trailer is safer all the way around.

The new trailer's gooseneck hitch releases the front of the trailer bed onto the ground for loading and unloading. The tow vehicle drives away with the gooseneck hitch attached. Jacks aren't needed to support the trailer.

With the platform on the ground, equipment is easily loaded or unloaded from the front using small ramps. Davis says loading this way is much safer because the trailer bed is closer to the ground so equipment doesn't have to drive up a ramp and over wheels from the rear.

Lowering and raising the trailer is done with hydraulic cylinders on the hitch.

In addition to its unique design, the Davis Industries trailer is lighter than other gooseneck flatbeds on the market. Davis says the average weight of a 26-ft. fixed gooseneck trailer is between 8,500 and 10,500 lbs. while the Davis trailer weighs 6,400 lbs. and has the same carrying capacity.

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Trailer's gooseneck hitch releases front of trailer bed onto the ground for loading and unloading. The tow vehicle then drives away with gooseneck hitch attached.



The pto-operated Dyna Flo can pump up to 3,000 gal. of water per min. and start pumping in just 18 in. of water.

Where To Buy A Big Pump

"We had a huge demand for our Dyna Flo Pumps in 2019 because it was such a wet year," says Dana Rosendahl, president and owner of General Irrigation and Dewatering. "It works well to empty sloughs, clear flooded areas, and transfer pond water," Rosendahl says.

The Dyna Flo can pump up to 3,000 gal. per minute at 15 ft. of lift. It operates with 540 or 1,000 rpm tractor pto power and uses 12-in. by 50-ft. hoses with ring lock ends. Rosendahl says a Dyna Flo can drain a 40-acre field with a few feet of standing water in a matter of hours.

Rosendahl started his business when he and his son decided they could build a bigger, faster and more affordable pump than the one they were selling at their irrigation business.

"The first guy we rented our new pump to bought it, and the same with the second, so at that point we figured we were onto something," Rosendahl says. Turns out they really were. Since then the company has built more than 120 of them, using technology from deep well turbines. They keep 3 pumps on hand for rental at all times.

Rosendahl says a major reason for the pump's success is its simplicity. "A stainless

steel shaft delivers power for the pump through cutless water-lubricated bearings. The pto shaft is the only moving part, so there's nothing to grease below the water line. The Dyna Flo pump rides on 2 wheels like a boat trailer, so backing it into the water isn't a problem. It's easy to transport behind a pickup. Just hitch it to a tractor with a 540 or 1,000 rpm pto and back it into standing water," Rosendahl says. "It primes itself and can start pumping in just 18 in. of water. With the bottom feeder attachment on, it will operate in as little as 6 in. of water." A protective screen and housing over the intake keeps residue from entering the pump.

A floating version of the Dyna-Flo has a catwalk and hand rail that allows access to the pump end. A lift pump version is available in sizes that move 500, 1,000 or 1,500 gal. per minute while lifting water from 15 to 40 ft. and pushing it up to 3,000 ft. away.

Check out the video at farmshow.com. Contact: FARM SHOW Followup, Dyna Flo, Inc., 8973 Highway 1 S, Oakes, N. Dak. 58474 (ph 701 742-3223; www.dynaflopump.com).