

Pivot Jack Makes Irrigation Repairs Easy

Mike “Woody” Woodhead designed the Pivot Jack—a tool that provides a safer, easier alternative to mechanical jacks for repairing irrigation systems.

Woody got his start in the irrigation business as a teenager while working with his father. “Now I’ve been involved for 47 years,” he says. Woody started his own company in 1997, which he runs with his wife, Deb. They’ve been a T-L dealer for over 2 decades, carrying center pivot irrigation parts for multiple sprinkler brands along with welding supplies, air compressors, Val 6 heaters, BW hitches, and more.

The Pivot Jack is his own design. Like all jacks, it raises the base of irrigation system towers for repairs, like changing flat tires or replacing faulty gearboxes. But what’s different is that it’s safer than traditional handyman jacks, nicknamed “widowmakers” in the industry. “It’s about the way the cradle fits the base beam. It goes halfway around; there’s no risk of slipping,” says Woody. His Pivot Jack has a 7,000 lb. capacity and an infinite height tolerance, which allows for greater precision. “In contrast, mechanical jacks only go by the inch.”

Woody began building Pivot Jacks 5 years ago at a small scale for local farmers. “In the agriculture industry, we’re always looking for smarter, faster, safer, easier solutions,” he explains. “The Pivot Jack checks those boxes.” The business is a one-man show, as Woody makes the Jacks on demand. He initially offered two models but has since streamlined into one. Pricing starts at \$199 before shipping but is subject to change based on fluctuating materials costs.

Customers share that the pivot jacks are priced reasonably, especially compared to the cost of building them at home. They work for



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a range of wheel heights and are safer than a handyman or loader because they allow users to hold the wheel with one hand and adjust the jack to the perfect height with the other. This way, you can get the studs lined up perfectly, allowing the wheel to slide right on.

Woody sells most pivot jacks through word of mouth. “People see them, and they sell themselves,” he laughs.

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Bin Level Indicator Offers Reliable Readings

Dol-sensors is a Danish business that sells capacitive and proximity sensors for detecting feed and grain levels in bins.

The company has designed, produced, and marketed intelligent capacitive, climate, and management sensors for over 50 years. These sensors work with grain, feed, wood, plastic, and other granular materials, making them well-suited for livestock houses, materials storage for plastics production, and wood stove pellets. The extensive product range includes smooth cylindrical, threaded cylindrical, and flat sensors.

Agriculture sensors have unique requirements compared to other models. They must withstand high humidity, dust particles, extreme temperature swings, and high ammonia concentrations. Consequently, each sensor is built with robust housing and filters. They’re made without moving parts; most are IP 67 or IP 69K for dust and moisture protection. The climate sensors come with protection caps to protect against high-pressure cleaning. Likewise, most are certified to ensure a long lifespan.

The DOL 44 and iDOL 44 are 30 mm capacitive sensors that work to detect feed, grain, and other solids. They’re well-suited for level control in silos and containers and can help control the filling and emptying process. Each sensor is easy to operate and adjustable with a smartphone or by changing the setting via two trimmers accessed with a screwdriver.

The DOL 44 and iDOL 44 are highly immune to noise from electric communication like mobile phones. They both have full temperature compensation, and the sensors are robust regarding washing and EMC protection, making them possible to use in environments with frequency converters. A red LED light indicates the relay sensor’s current status to ensure you know when it’s working.

The sensors should work for years without maintenance. The iDOL companion app,



Capacitive sensors work to detect feed, grain, and other solids. They’re heavy-duty and work well within silos and containers.

SmartAdjust, makes operating them easier than other capacity feed sensors.

Ted Smith of Alberta, Canada, has found the sensors to be an upgrade over standard options. “Some mechanical bin full indicators must be mounted on the bin roof. They can be hard to see, especially at night. These sensors take the guesswork away.”

He also praises how easy they are to manage. “You can fine-tune the sensor’s sensitivity via NFC or Bluetooth to your phone, but mine worked right out of the box. No moving parts means the sensors are very reliable. You can even attach them to strobe lights or sirens to make them easy to notice (assuming you have power onsite). The sensors can also control augers to automate operations, say, for grain drying or feed processing.”

The in-house R&D team at Dol-sensors makes it possible to request custom versions designed to meet specific needs in small batches. Reach out directly to learn more.

Contact: FARM SHOW Followup, Dol-sensors a/s, Agro Food Park 15, 8200 Aarhus N., Denmark (mail@dol-sensors.com; www.dol-sensors.com).



Field Attack provides up to 13 min. of water at pressure to extinguish fires.

Tractor-Mounted Water System Helps Fight Fires

Meier-Brakenberg has farmers covered in case of crop fires with their MB Field Attack, a self-enclosed, high-pressure fire extinguisher mounted on a tractor’s front bumper.

The unit, powered by the tractor’s front hydraulics, offers functions including extinguishing, cleaning, front weights, and underdrive protection.

If a fire is detected in a field or on machinery, tractor operators can quickly intervene.

The Field Attack features a 275-liter (72-gal.) stainless-steel tank and a high-pressure 3-cylinder piston pump. The extinguishing unit dispenses up to 21 liters (about 5 1/2 gal./min. at 2175 psi, emptying the tank in 13 min. through a long-distance lance. A single-ply, NW8, 25-m. hose ensures the tractor can be parked safely away from the fire.

A quick-couple lance can also be swapped

for a pressure wand for cleaning roads and yard services.

The unit’s empty weight is 225 kg (500 lbs.). With a full tank of water and four optional 75-kg (165-lb.) steel plates of removable ballast added, it weighs 800 kg (1,763 lbs.).

The Field Attack comes with side marker lights, daytime running lights, reflectors to the front and side, and two warning signs for road travel.

Interested parties are encouraged to contact Meier-Brakenberg through their website for pricing and availability.

Contact: FARM SHOW Followup, Meier-Brakenberg GmbH & Co. KG, Brakenberg 29, 32699 Extertal, Germany (info@meier-brakenberg.de; www.meier-brakenberg.de).



“The forward end of the tracks rest on the ground until I push the trimmer up and onto the cargo carrier,” says Sieting. “As I do that, they rock up and out of the way as I drive.”

Homemade Trimmer Carrier

Using a walk-behind lawn tool can require pushing it a considerable distance or up a hill to where it’s needed. Norm Sieting was tired of doing just that, so he made a super simple carrier for his gas-powered 4-cylinder, heavy-duty wheeled trimmer.

“I modified a cargo carrier I bought for my car to go on the front receiver hitch of my ATV,” says Sieting. “Then I rigged up some tracks to set on the carrier so I can wheel the trimmer up and on.”

The tracks were short sections of channel iron salvaged from a house trailer frame. They have a slight bend about a foot from the end that sits on the carrier. Sieting welded a piece of pipe under the bend to serve as a spacer and an anchor point for the tracks. When the tracks are placed on the carrier, the pipe sets behind the front railing of the carrier.

When the tracks aren’t needed, they can be lifted off and set aside; no tools are required.

“The forward end of the tracks rest on the ground until I push the trimmer up and onto the cargo carrier,” explains Sieting. “As I do that, they rock up and out of the way as I drive. I can drive to the spot where I need to use the trimmer and unload just as quickly.”

Looking ahead to the day pushing the trimmer into place is difficult to do, the 78-year-old mounted a 12-volt winch on the front of the ATV.

“I’ll be able to winch the trimmer into place,” says Sieting.

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