

Add-On Electric Trailer Jack Kit

James Walters and his wife liked their new electric trailer jack from Magnum Lift Systems so much that they later bought the company. They had an electronic lift on their toy hauler, but in 2021 they stopped by the company to get one for their cargo trailer.

"From the moment we experienced the superior quality and durability of their lifts, we were hooked," Walters reports.

Three years later, when they had the chance to buy the company, they did. At the time, the company offered electric conversion kits for single and two-speed manual jacks. Both kits come standard with a manual-crank backup shaft in case of battery failure. They fit both single and dual-landing-gear aircraft and can be mounted on either side of the OEM jack leg.

"They'll fit any 4-in. manual trailer jack on the market," says Walters. "The kits are rated at 12,000 lbs. The single-speed kit retails for \$795, and the two-speed for \$695."

Walters notes that the kits include everything needed for installation except basic hand tools. No welding is required, and installation takes only 30 to 45 min.

The company also offers 12,000-lb. hydraulic jacks that retail for \$1,495.

"The biggest difference in the electric and hydraulic models is the hydraulic raise and lower faster," says Walters. "Also, you have



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to remove your old trailer jack to install the self-contained unit."

Magnum Lift Systems sells its products through dealers and distributors in the U.S. Canadian readers should contact the company directly.

Contact: FARM SHOW Followup, Magnum Lift Systems, 14595 S. Hwy. DD, Ashland, Mo. 65010 (ph 877-660-7555; info@magnumliftsystems.com; www.magnumliftsystems.com).

Freeze-Free Waterer Uses No Power

Ranchers in cold-winter climates face a persistent challenge: keeping water open and accessible for their livestock. While the need is clear, the solution has remained elusive.

When a family member in the ranching industry reached out for help with this problem, inventor and entrepreneur David Tannahill took on the challenge.

"No one has ever solved the issue of keeping water open in a freezing surface," Tannahill explains. "All types of ball waterers and fill-valve floats tend to get stuck in the ice because they freeze up. It's an ongoing issue trying to keep livestock drinking in the coldest weather."

After several years of field tests, Tannahill has developed the IceWaterer, a floating livestock waterer that doesn't require a power source to keep an open drinking surface, even in the coldest temperatures.

"The warmth to keep it from freezing comes only from the remaining residual water heat," Tannahill explains. "The secret sauce for making it work is the unique, half-moon, geometrical shape. The sides extend past the center bottom, meaning the bottom sits higher than the perimeter. Ice still forms, but in a way that allows the centrally placed ball to be 'plunged,' maintaining a drinkable opening."

Constructed from durable HDPE plastic, the device features a rigid, non-absorbent foam interior, making it safe for animals. A simple chain connects the pieces for easy transport between water sources. Weighing 5 to 10 lbs., the entire system measures about 18 in. in diameter.



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"Just set it in a water source," Tannahill says. "Livestock, whether cattle, sheep or even dogs, can drink. It works anywhere, regardless of electricity."

Tannahill intends to manufacture the IceWaterer in multiple sizes to accommodate all farm animals. Although not yet commercially available, interest has grown quickly, and Tannahill invites interested customers to join a waiting list on the website.

The IceWaterer is priced at \$600, with free freight in North America.

Contact: FARM SHOW Followup, IceWaterer LLC, Merriam, Kan. (ph 913-954-1243; sales@icewaterer.com; www.icewaterer.com).

Weeder Easy On Back and Knees

Grampa's Weeder is a stand-up weed remover that can ease the pain of kneeling or bending while working in the garden.

With a long handle and a four-claw head, the device is designed to grip the weed and then be leaned to extract the root while the user remains upright. For gardeners dealing with the wear-and-tear of regular weeding, that standing posture can mean less fatigue over time.

The ability to weed from a standing position means less crawling or kneeling in

the soil, a factor many gardeners cite when choosing tools that reduce strain on the back, hips and knees. The design relies on leverage and a proven mechanism that grabs the weed and its root as the user leans the handle toward a footpad.

For more than a century, its design has endured. It features a bamboo handle paired with a steel head built to withstand repeated use over multiple growing seasons. It weighs just 3 lbs.

Invented in 1913 in Seattle, Wash., it



Futuristic Claas baler will feature advanced sensors that continuously monitor gear loads, enabling AI-assisted systems to adjust press density and bale length in real time.

Square Baler Technology Earns Award

The prestigious Gold Agritechnica Innovation Award was recently presented to Claas for its breakthrough in square baler technology. This latest development is the result of a bold concept to revolutionize the baling process.

The Agritechnica Innovation Gold Medal is awarded for advancements that redefine how machinery operates, introducing either a novel process or a significant improvement over existing methods. The criteria for this recognition are rigorous, focusing on genuine practical benefits for farmers, increased profitability and efficiency, positive environmental impact, reduced workload, and improved health and safety on the job.

The Claas innovative baler will target production of consistently high-density 47-in. by 35-in. bales, combining impressive throughput of up to 77 tons per hour in straw. Standard operation yields densities averaging 14 lb/ft³, demonstrating both reliability and productivity.

Key to this envisioned performance is a drive system with a main gearbox integrated into the machine's frame and a straight-line power flow. Twin longitudinal flywheels, each rotating at 1,650 rpm, store substantial energy to ensure consistent compaction. Enclosed, wear-resistant gearboxes and power belts provide highly efficient power

transmission with minimal maintenance, as the only shafts operators must maintain are the drive propeller shaft and a single shaft for the knotter mechanism.

The futuristic Claas baler will feature advanced sensors that continuously monitor gear loads, enabling AI-assisted systems to adjust press density and bale length in real time. This technology will also manage bale weight and length, delivering remarkable consistency with weight deviations of 2% or less, all without the need for an integrated weighing device. The AI learns from each operation, proactively optimizing for changing conditions, crop types, and windrows, ensuring peak performance without intervention.

Additional advances will likely include a new single-row binder for the pre-chamber and an advanced double-loop knotter. By combining the strengths of McCormick and Deering systems, the new knotter will deliver reliable, strong knots with minimal twine tension and virtually no waste.

A Claas representative cautions that this innovative baler design is still in development. More details on its progress will be released in the coming months.

Contact: FARM SHOW Followup, Claas, Mühlenwinkel 1, 33428 Harsewinkel, Germany (customercare@claas.com; www.claas.com).



Weeder features a bamboo handle paired with a steel head designed to withstand repeated use over multiple growing seasons.

quickly became the must-have garden tool in the Northwest for weed control. Production stopped in 1941 so all available metal could be directed toward the war effort. Unfortunately, once the war ended, manufacturing didn't resume.

In 1999, Greg Brandon stumbled upon an original weeder in his mother-in-law's garage, started using it, and was impressed by its ease of use and effectiveness. Greg and his wife, Cathy, brought the weeder back and have been selling it for more than 25 years.

"Everything old is new again, and this ingenious, 100-plus-year-old tool proves it to us every day," says Brandon.

Reviews praise the tool for its back-saving design and ease of use. Many gardeners describe the device as a reliable way to remove weeds with minimal bending and effort, not

ing that the forked four-claw head engages weeds effectively and cleanly extracts roots.

Gardeners often report that after rainfall, when the ground is softer, the weeder is more effective. Softer ground allows the tool to engage the weed and its root more readily without excessive force, resulting in smoother operation.

The regular price is listed at \$47.99. It's occasionally on sale for \$39.97, with free shipping within the continental U.S. The weeder can be purchased at retailers such as Ace, Home Depot, Walmart and Amazon, as well as on the company website.

Contact: FARM SHOW Followup, Grampa's Gardenware Co. (ph 503-697-1063; info@grampasgardenware.com; www.grampasweeder.com).