



Torque elimination device makes opening hopper doors on grain trailers easier.

## Making Grain Hopper Doors Safer

The XLT Torque Elimination Device (TED) is a hand-held device designed to make opening and shutting grain hopper doors easier.

"The TED is all about safety," says Glen Hart of Little Rock, Ark. "Most guys use a high-torque drill to open a hopper. When it's full of grain it takes a lot of torque which stresses the drill.

He says in high-torque situations when a door comes to a sudden stop, something usually gives, and it's almost always the person holding the drill. Hart's TED devices are designed to eliminate the problem.

The TED has an adjustable vertical bar that stretches to the ground with horizontal bars that stretch out from either side at the bottom which helps eliminate torque.

"When you're opening or closing a door, if there's any point where something needs to stop, your weight on the base legs keeps torque from getting generated back at the operator's arms."

A special grain coupler attaches to the hopper door shaft and easily closes or opens

hopper doors.

"We're getting good feedback on this so far," he says. "Farmers like the portability of this thing as well as the safety. It's also good for folks like me who've gotten older and don't want to risk getting injured."

Hart says one of the best things about the TED device is that it's flexible. There are a lot of different types of grain trailers available these days.

"Farmers don't want to put something on each trailer to make opening those hopper doors more efficient," he says. "This is portable and works with different trailers."

The base TED unit retails for \$50. There are a variety of extras available on the website, including complete grain drill kits, base drill kits, battery chargers, tool bags and more. The total cost can exceed \$300 depending on the number of extras you want.

Contact: FARM SHOW Followup, Glen Hart, XLT Grain Drills, 1301 N. Main Street, Suite C, North Little Rock, Ark., 72114 (ph 214-884-8258; [www.xpresslifttool.com](http://www.xpresslifttool.com)).

## Small Corn Thresher Saves Time

The Intbuying electric corn thresher offers a simple way to thresh corn kernels off the cob. It's designed for use with both field corn and popcorn.

The machine uses thick steel plates and high-grade welding for durable threshing that won't break down or chew up the corncobs. Its ear-feeding port comes with a skip-proof cover, which prevents kernels from spilling out during use. The cleaned ears are ejected from the bottom opening, while the shelled corn can be collected from the second port on the thresher's lower right side.

The 1100W thresher runs off a 220-volt plug, an A510 transmission belt, and has a copper coil motor to prevent it from high temperatures while operating. It offers stable performance and an extended run-time for getting through a lot of ears quickly.

Operating at a speed of 2,800 rotations per minute, it takes about 3 to 5 seconds to thresh each ear of corn, which comes to about 2,200 lbs. of kernels per hour. You can feed multiple ears into the thresher at a time.

The thresher's legs are iron, with a durable powder-coat finish covering the machine to reduce rust. The thresher works with multiple-sized ears with no adjustment necessary.

Amazon customer reviews indicate that the Intbuying is a solid thresher for the price point, although it shouldn't be expected to perform miracles. Some users found that many kernels were left on the cob after threshing, so they needed to run the same cob



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through the machine a second time. Others found the included assembly instructions to be lacking and that they needed to make modifications to get it fully operational. In one case, a customer rewired the thresher by putting a ground in it and mounting a switch to the leg.

In general, expect the Intbuying thresher to save you from wrist fatigue for small threshing tasks like hand samples, though you may want to invest in a more robust system when operating at a larger scale.

The Intbuying 220-volt electric threshing machine sells for \$230 on Amazon.



Pull Start Fire requires no matches or lighters, no kindling, and burns 2 1/2 times hotter than competitive brands at a temperature of more than 400 F.

## Fire Starter Works With Cold, Wet Wood

Pull Start Fire starts fires anywhere, with any kind of wood, even in rain, snow or windy conditions. Loop the string around the wood, pull the starter string, and flame bursts out of the package as an ignition powder starts the 4-oz. wax and fine sawdust brick burning. Nearby wood is warmed, dried and begins to burn within 30 min.

Inventor Mike Beyrodt saw the need for a way to start frozen or wet wood while winter camping in -22 F weather.

Pull Start Fire requires no matches or lighters, no kindling, and burns 2 1/2 times hotter than competitive brands at a temperature of more than 400 F. The flame is safe to cook over and offers multiple safety features.

The red string that activates the starter powder requires a 3-lb. pull to work. It produces an audible pop and a 2 to 4-second

burst of smoke before ignition. It has been tested to ensure it will not start by any other mechanical means, including crushing, puncturing, shaking or dropping.

As a relatively new product, a shelf-life date has not been identified; however, testing has shown that if Pull Start Fire gets saturated, simply dry it out. Frozen solid, it actually burns nearly twice as long.

Pull Start Fire is currently available online from the company, as well as from retail stores throughout much of the U.S. and Canada, and is expanding to other countries. It's available in 3, 6, 9, 12 and 30-unit packs, starting at \$19.99 and up to \$129.99 for the 30-pack.

Contact: FARM SHOW Followup, Pull Start Fire, 268 London Bridge Rd., Virginia Beach, Va. 23454 (ph 757-505-5606; [team@pullstartfire.com](mailto:team@pullstartfire.com); [www.pullstartfire.com](http://www.pullstartfire.com)).



Improved features include shorter aluminum beams to reduce packing space, a compliant tie rod to resist permanent deformation and enhance adjustability, along with an optimized package design with shorter trailing arms and side rails.

## Updated Lift Axles Offer Advantages

Hendrickson has designed and manufactured an updated CompositiLite SC steerable lift axle for truckers demanding more flexibility in their driving needs.

The redefined lift axles with suspension feature reduced weight and a damage-resistant, flexible tie rod. These updated versions still highlight tried and true steel and aluminum parts alongside their earlier weight-saving fabricated components.

"The CompositiLite SCs take up a smaller area in size, fitting in narrower spots, so you shouldn't have to ever move fuel tanks," says Brian Farmer, General Manager for Lund Truck Parts of Sioux Falls, S.D. "They're frame height adjustable too. Instead of having to order ones that are pre-made to your frame height, these come with a kit so you can adjust the ride height as needed."

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minum beams to reduce packing space, a compliant tie rod to resist permanent deformation and enhance adjustability, along with an optimized package design with shorter trailing arms and side rails.

Farmer says they're a top-selling unit primarily due to their adjustable frame height ride and ease of transfer from truck to truck.

The CompositiLite SC steerable lift axles are manufactured in the U.S. at the Hendrickson factory and are available throughout North America.

Farmer estimates the cost of an installed single axle set with controls at approximately \$9,000.

Contact: FARM SHOW Followup, Brian Farmer, Lund Truck Parts, Inc., 1426 E. 54th St. N., Sioux Falls, S.D. 57104 (ph 605-575-2140; [www.northamericatrucktrailer.com](http://www.northamericatrucktrailer.com)).