

FAQ

XLT DRILL SYSTEM

GRAIN TRAILERS

What are the primary components of the XLT system?

The components making up the base system are: XLT drill, battery, charger and tool bag along with a pair of TED straps. The system is then extended by a coupler as described below.

For safety purposes, due to the torque generated by the drill, there are TEDs (torque elimination devices) that are mandatory. The minimal TED configuration is TED straps. They are attached to the drill handles and then either attached to the trailer sidewall during use or loops created on the ground and stepped on by user.

What is so special about the XLT drill?

The XLT System was designed using a high-powered drill motor and special gearing. It generates more torque than any other battery powered device on the market, typically generating 2X-8X more torque. This torque is why a TED must be used to ensure safe use of the XLT. Similar to other drills it has a male socket head (3/8 inch) which allows for our specialized couplers to attach to it.

What is a coupler?

Grain Trailers have varied hopper door shaft connectors which accommodate a manual handle. The most common is the 6-point connector used by Timpfe. The coupler has been designed to mate with the hopper door shaft connector. It is attached to the drill on the 3/8 inch male socket and should be considered permanent. An insert to the 6-point coupler has also been created to address the other hopper door handle configurations.

What components are not used by the standard grain trailer system?

There are several products not used with Grain Trailers. They are: Drill Plate, Trailer Plate, Trailer Bar.

What are the specs on the battery?

There is a choice of 2 batteries. Both batteries will open/close hopper doors and raise/lower the trailer many times before any charging is needed. They are both 18V lithium batteries with one being a 4AH battery and the other being a 5AH battery with the latter being made of Samsung internal components. These batteries are specifically designed for use with the charger and drill. They also activate the “no clutch process” of the drill to protect the drill internally.

What are the charging requirements?

Lithium batteries have no memory and use all of their power until exhausted. It will normally take 30-45 minutes to fully charge the battery. Being a specially made lithium battery, the supplied charger is the only charger that should be used with the batteries. The charger will clearly show when the charger is charging as well as when the charge cycle is complete.

How often does the battery need to be used?

Typically the battery will last many days. It is really according to the number of times the drill is used along with how hard the drill needs to work to open or close the hopper door.

What about safety?

Due to the power that is needed to turn hopper doors a TED (torque elimination device) has been made specifically for Grain Hopper use called the Grain TED. It is adjustable up/down due to placement of the hopper control shaft. The weight of the user on the base will prevent the XLT Drill from turning.



Grain Tool Kit shown w/o TED straps & tool bag.



Above is the 6-point Grain Coupler mainly used on Timpte brand trailers.



Grain Adapter with Insert needed for most non-Timpte Grain Trailers.

The GRAIN TED prevents movement of the XLT Drill, thereby creating a totally safe environment for use.

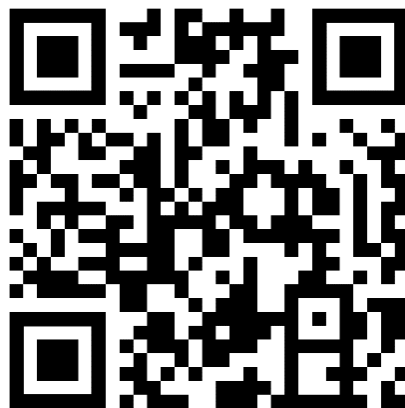


It is adjustable vertically to address different heights of the hopper door shafts.

The user will step on the base to create safe use of XLT.



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