

TranzVolt

LIFT HOIST

CORDLESS POWER



**Battery Powered
Remote Controlled
Lift Hoist**

**MADE
★ IN THE ★
USA**

TIE DOWN
MANUFACTURING INGENUITY

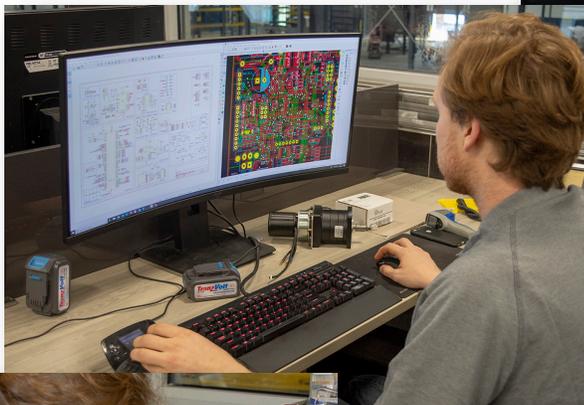
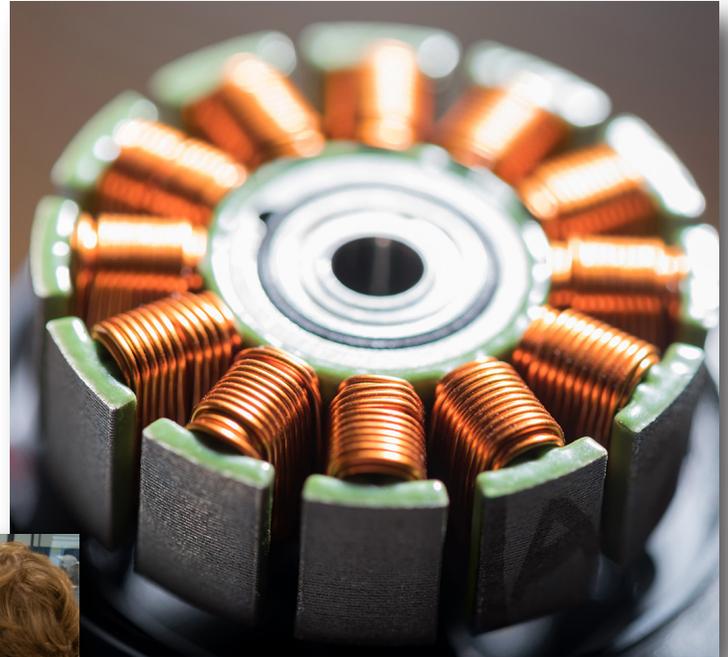
404-344-0000 • tiedown.com
605 Stonehill Drive SW, Atlanta, GA 30336
roofing@tiedown.com

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LIFT HOIST  CORDLESS POWER

For over a decade, Tie Down has been an industry leader of powered platform hoists. With over 700,000 sq. ft. of manufacturing knowhow, our company has long been pressing the limitations of engineering. For us, there is no better way to apply decades of knowledge than to set out and build the ultimate platform hoist that sets the industry bar even higher.

Existing lifting hoists for roofers, solar installers, and general contractors either employ a gasoline-powered engine or a single speed, AC induction motor. The Tranzvolt system utilizes a modern, brushless motor system, allowing faster lift times, reduced weight, less maintenance, and quicker assembly.



The TranzVolt takes the standard concept of a platform hoist and drives it to the next level. Utilizing technology found in electric vehicles, our team of engineers harnessed the use of a brushless motor, an electromagnetic brake, and a lithiumion battery pack. The result is a great step forward in ease-of-use, performance, and safety.

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The development of the Tranzvolt system began when several companies approached Tie Down looking for a more efficient and effective powered platform hoist. We worked directly with these companies to outline the shortcomings of existing products and identify solutions specifically tailored for multiple industries. In today's competitive market, time is extremely valuable. The Tranzvolt system saves time in setup and operation, enabling contractors to install more solar panels, roof more square feet, and lift more materials per day.



SAFETY

The wireless remote control system allows the operator to stand safely away from the load during operation.



SPEED

The Tranzvolt system can lift at speeds up to 120 feet-per-minute, making it the fastest electric hoist on the market.



MAINTENANCE FREE

The all-electric powertrain system delivers consistent, maintenance free operation. No belts to service, no oil to change.



SIMPLICITY

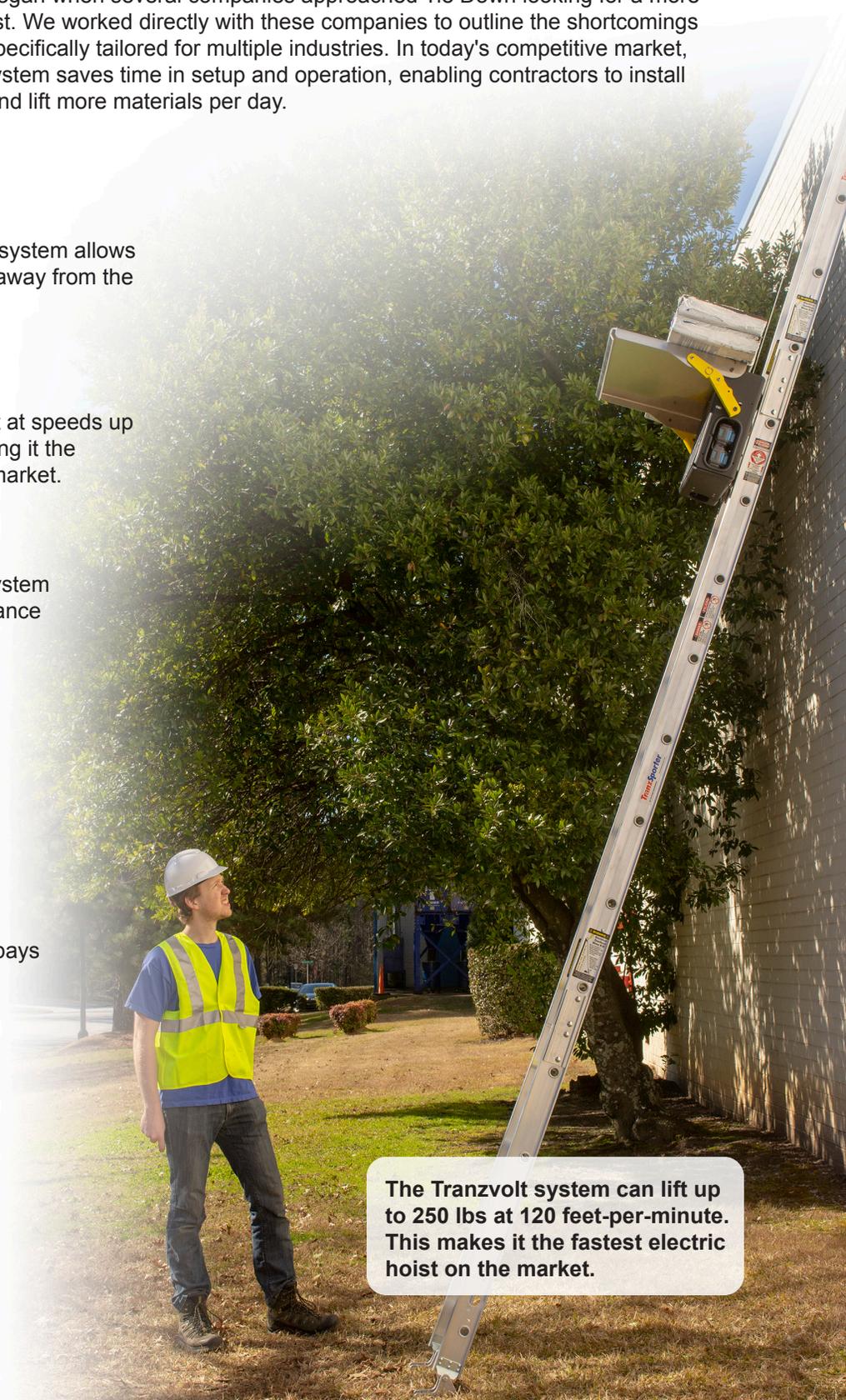
Simple, tool-free setup gets you up and running in under 5 minutes.



COST EFFECTIVE

With no fuel or maintenance costs, the Tranzvolt system pays for itself through increased productivity.

Time is money when you're out on the jobsite. Rather you're installing three solar power systems per day, instead of only two, or finishing a roofing job by 4:00 instead of 6:00, the Tranzvolt system helps you get more done, faster.



The Tranzvolt system can lift up to 250 lbs at 120 feet-per-minute. This makes it the fastest electric hoist on the market.

The powertrain and control systems were developed using the latest in mechanical and electrical design tools. The TranzVolt represents a new era of powered platform lifting hoists and a new era for Tie Down.



With convenient one-press operation, operators can send the hoist up while preparing the next load. Multitasking improves efficiency. An automatic homing routine learns the height of the track section, so the Tranzvolt always stops safely at the top.



Harnessing the power from just two 20-Volt batteries, the Tranzvolt works hard all day. On a single charge, the Tranzvolt can lift up to 6000 sqft of shingles onto a one-story roof. The TranzVolt is interchangeable with other major brands batteries as well.

Simple, tool-free setup allows the Tranzvolt system to be up and running in under five minutes. The combination of quick setup and rapid lifting speeds make the Tranzvolt the most efficient platform hoist on the market.

A first-of-its-kind dual-mode braking system allows materials to be brought down off the roof and held safely at any height. In the event of a failure, the brake will safely lock the carriage in place.

