



VOLTAion Electric Truck Jack

THE FUTURE OF LIFTING TECHNOLOGY

Guidebook





VOLTAion

The future of lifting technology



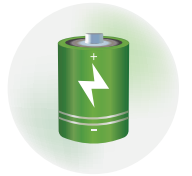
Eco-Friendly



Powerful



Electronic



Smart



Electronic Brain, Not Just Electric Muscle

Beyond Electric—Fully Electronic

Our jacks come equipped with an integrated computer systems and SIM card, IoT technology, providing real-time data transmission to the cloud. This ensures a smarter, more efficient lifting solution. **The Key Advantages are:**

- **Predictive Maintenance:** Get ahead of potential issues with real-time insights into your jack's health, allowing you to schedule maintenance before a failure occurs—minimizing downtime and unexpected disruptions.
- **Enhanced Safety & Compliance:** If the jack is misused, such as being employed as an axle stand, the system can detect this and optionally send alerts to supervisors, ensuring strict adherence to safety protocols.



Electronic Brain, Not Just Electric Muscle



Volta ion's

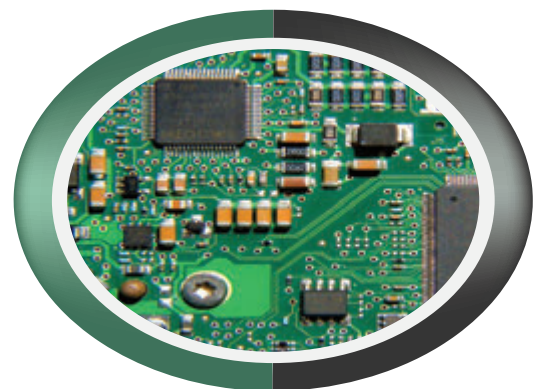
**Remote
Diagnostics**

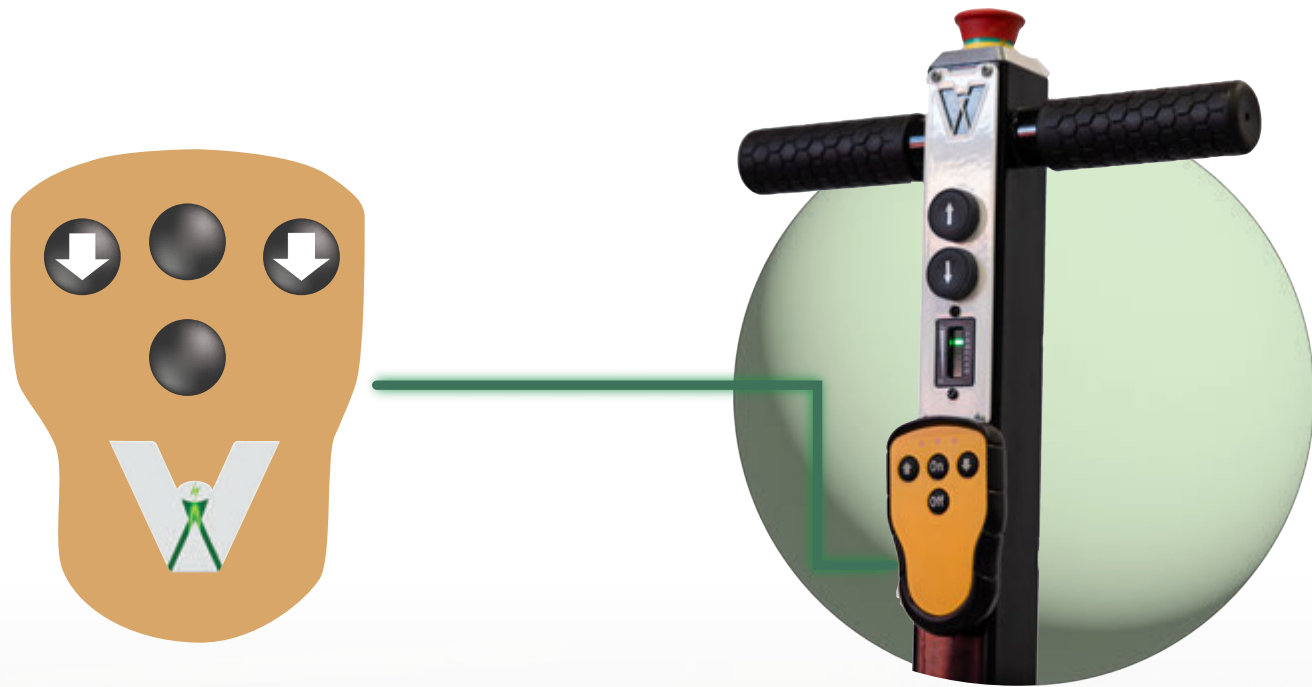
If an anomaly occurs,

Volta ion's support team can remotely diagnose the issue and guide the technician through troubleshooting or schedule a timely repair, minimizing downtime.

Future GPS Integration:

Track your jacks across multiple locations, monitor usage patterns, and optimize fleet management.





Safety & Control, Redefined

Remote Control: Lifting Made Effortless

At **VOLTA ion**, safety and convenience are crucial. Our advanced Wireless Remote Control allows you to operate your electric truck jack from a safe distance, ensuring both ease of use and secure operation and ergonomics.

The remote system is designed with encrypted wireless communication, ensuring secure transmission and reducing risks during operation.

Convenient Operation: From a safe distance, operators can easily lift or lower heavy vehicles with precision, eliminating the need for manual control and offering a hassle-free experience, especially in tight or hazardous environments.

Reliable Performance: The remote system is designed for uninterrupted communication, allowing operators to maintain full control without worrying about signal interruptions or malfunctions.

Safety & Control Redefined



NO

Compressor

NO

Hoses

NO

Trip Hazards

Reduce noise pollution, and work untethered,
even outdoors in harsh weather.

- **Non-Removable Battery:** Like an iPhone, it's integrated for reliability and longevity.
- **Latest Generation LiFePO4 Battery:** Non-flammable, non-explosive, with an 8-year lifespan and 5-year warranty, offering peace of mind and long-term cost savings.
- **80% Charge in 20 Minutes:** Get back to work quickly, maximizing productivity.
- **Exceptional Battery Life:** Even at maximum capacity (40 tons), get 12 full lift/lower cycles. In real-world workshop scenarios, expect 36-40 cycles, eliminating downtime worries.
- **Exclusive Control Board:** Manages non-return valves and oil circulation for
 - unmatched safety, preventing sudden drops even in the event of a power outage.
- **Smart Valve Technology:** Pressure sensors detect if the jack is misused as an axle stand, enhancing safety and compliance.

Work more while saving costs

3 Minutes Faster Per Lift:

Multiply those 3 minutes saved across hundreds of lifts per month, and the labor cost savings become substantial.



Work faster:
Allowing your team becoming more

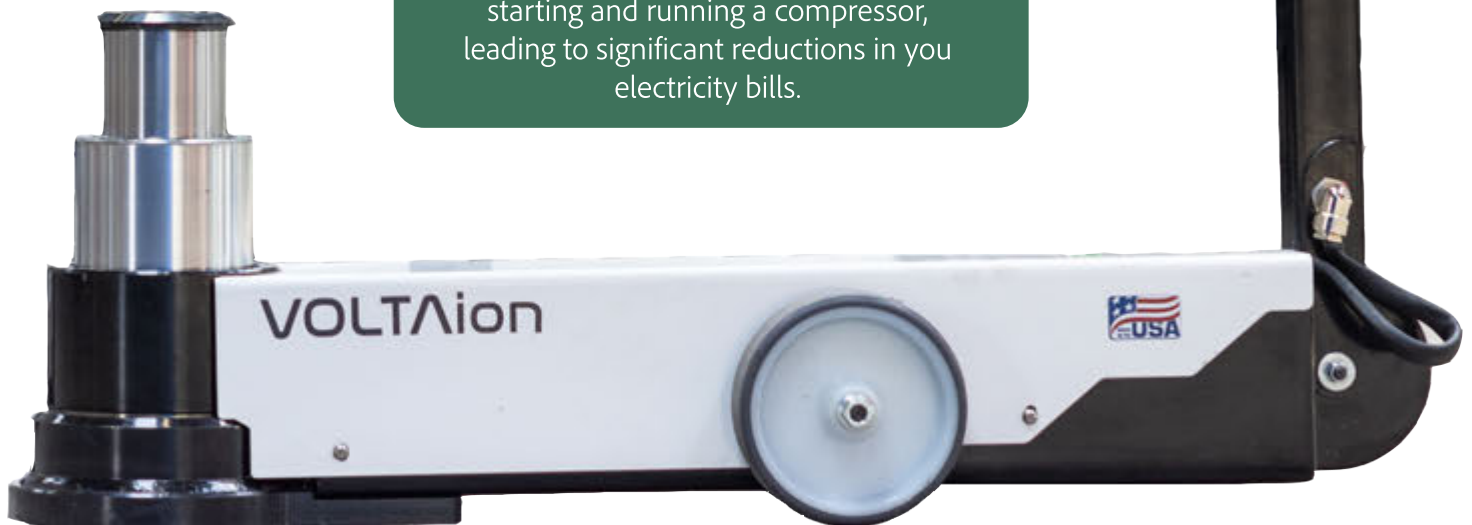
Efficiency & Savings

3-4 Month ROI:
Quick return on investment, factoring in both labor and energy savings.



No Compressor Costs:

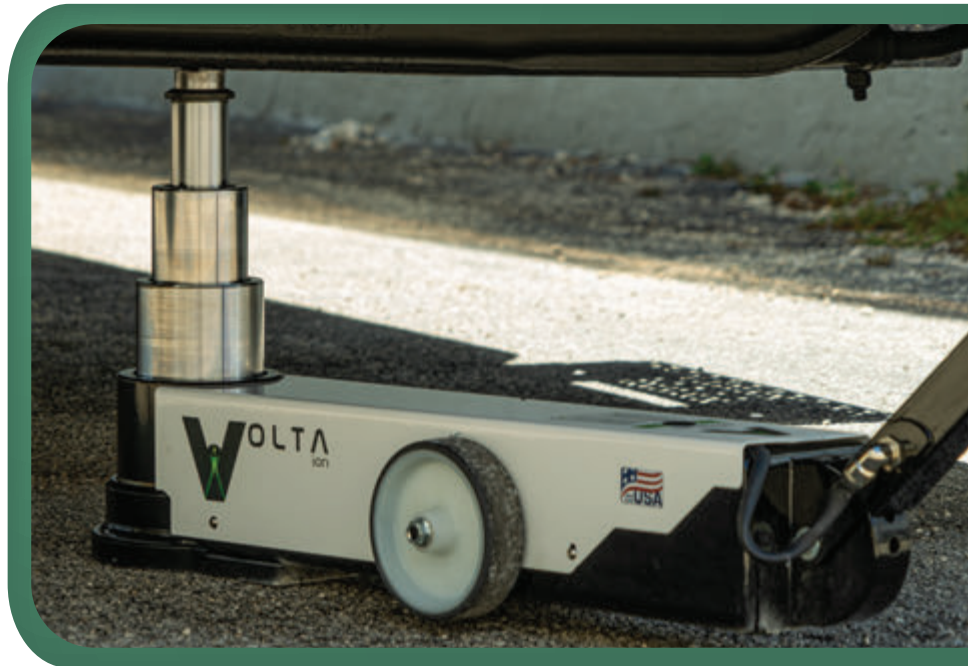
No energy spikes associated with starting and running a compressor, leading to significant reductions in your electricity bills.



Unmatched Safety & Eco Friendliness

World's Safest:

The proprietary control board and Gravity Down mode work in tandem to ensure controlled descent, even in challenging situations.



Ergonomic Design:

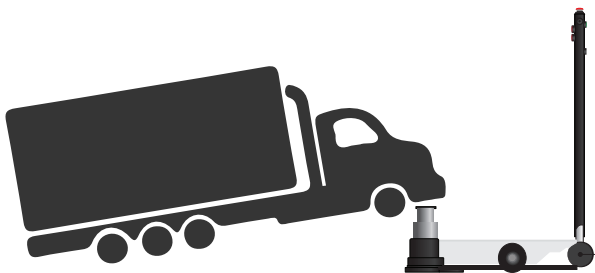
The electric handle adjustments helps effortlessly position the jack, eliminating manual strain.



Gravity Down Mode



The *motor-free* descent utilizes the vehicle's weight, saving energy and time. You can choose *Gravity Down* or *Control Down*. This is unique to *Volta ion* and sets it apart from traditional jacks



Activating the Gravity Down Feature:

1. Press the downward button
2. Press the upward button, while maintaining the downward button.

Effortlessly saving time and effort.



Biodegradable Oil



We use **environmentally friendly biodegradable lubrication**. We believe the earth's environmental future rests in the use of **renewable oil**. Our **renewable lubrication** reduces the dependency on imported petroleum oils.

Minimize **environmental impact** in case of leaks or spills.



Proven Reliability & Expertise



5 Years in the US Market

Zero returns, even when used in harsh conditions like construction sites or mining operations, speaks volumes about its durability. The jack has been pushed to its limits and proven to withstand even "excessive" use.



Made in the USA

Engineered by Volta: Designed by engineers with extensive backgrounds in robotics, agriculture, aerospace, and automotive equipment, bringing cutting-edge technology to the workshop.





Check **everything** from your tablet / phone

Pressure | Voltage | Amperage | Temperature | Cycles | Location

Monitor and control your VOLTA ion electric truck jack with ease through your tablet or smartphone. Our system provides real-time data on critical parameters such as pressure, voltage, amperage, temperature, cycles, and (optional) location. Stay connected and ensure safe, efficient operations anytime, anywhere.

VOLTA ion - Lifting your future

The Bottom Line

Volta ion isn't just an upgrade; it's a paradigm shift. It's about investing in the future of your workshop.

Volta ion offers unparalleled safety, efficiency, and cost savings, making it the clear choice for any modern operation.

