

First Product

volta ION

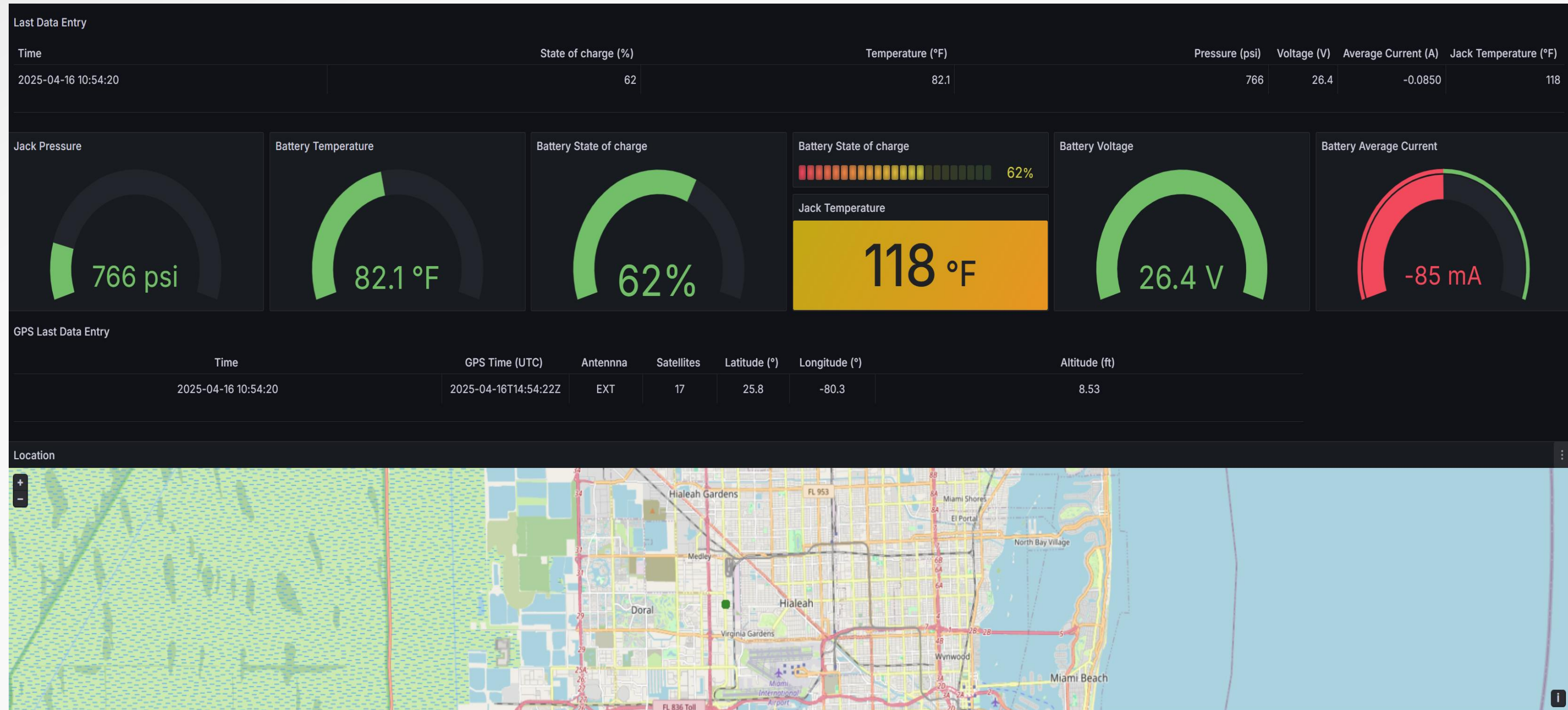
Rechargeable
Battery
Magnetic Connector
Cloud Connectivity
Pressure Sensor
Remote Control
GPS
Hydraulic Lock
Electric Handle.



Cloud Dashboard

volta ION
live

Pressure
Battery Temperature
State of Charge
Battery and Jack Temperature
GPS Location Live

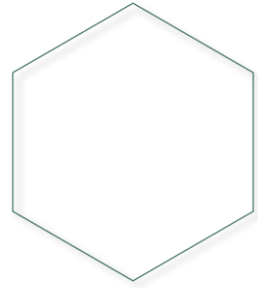


Pressure
Voltage
Temperature
Average Current
Location History
GPS Satelites

Cloud Dashboard

volta ION
timeline





No Compressor Needed No Air Hoses

Eliminate tripping hazards as there are no air hoses. *Minimize Workers Comp issues.*

Take the jack anywhere, *IN or OUTSIDE* the shop.

Water Resistant, works under rain.

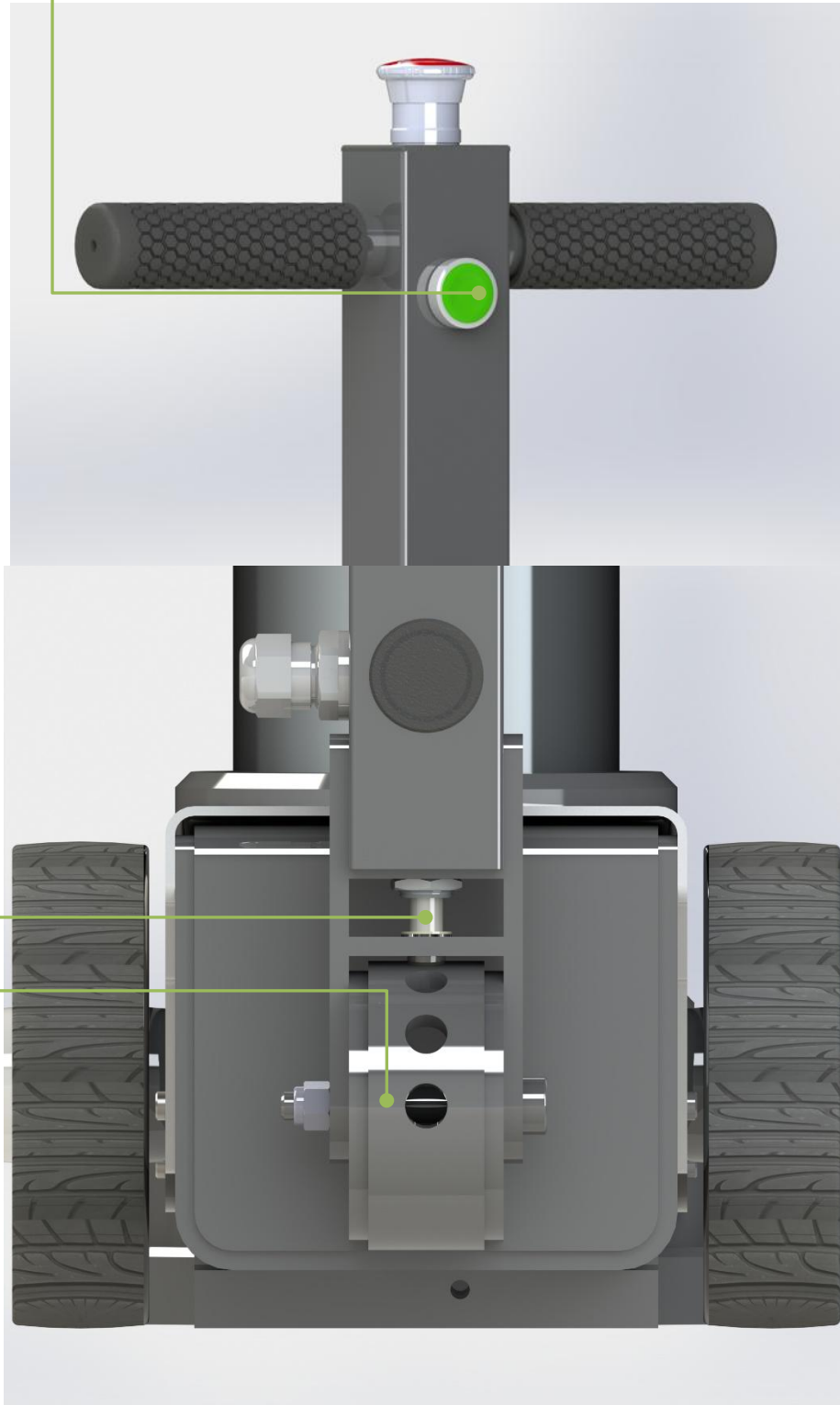
Lift multiple vehicles on jack stands without having to reconnect the jack while switching between bays.

Reduce electric costs! No Compressor needed.



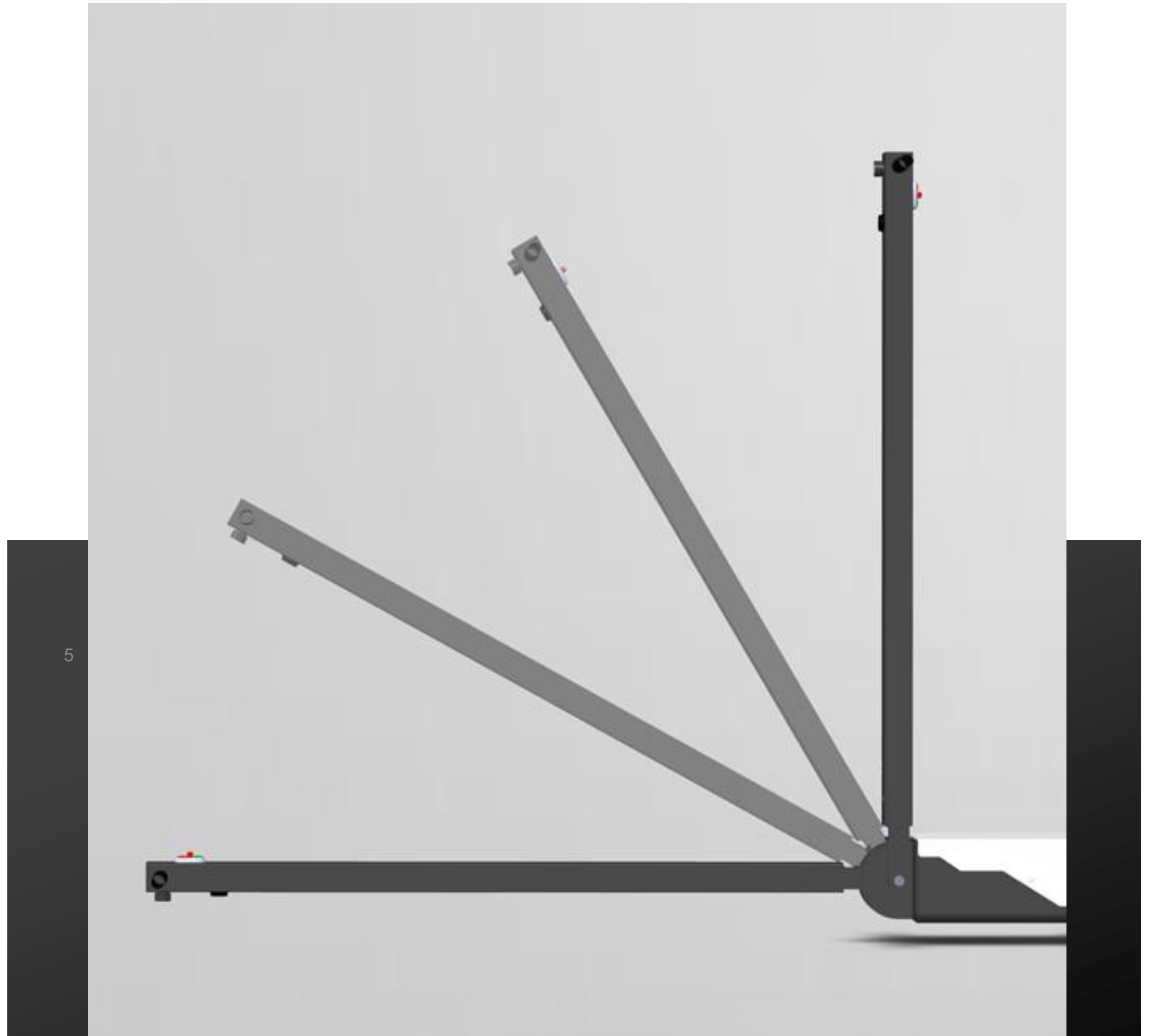


ADJUSTABLE HANDLE



**PUSH-BUTTON
HANDLE RELEASE**
Ergonomic.
Simple.
Safe.
Up to 5 Locking Positions.

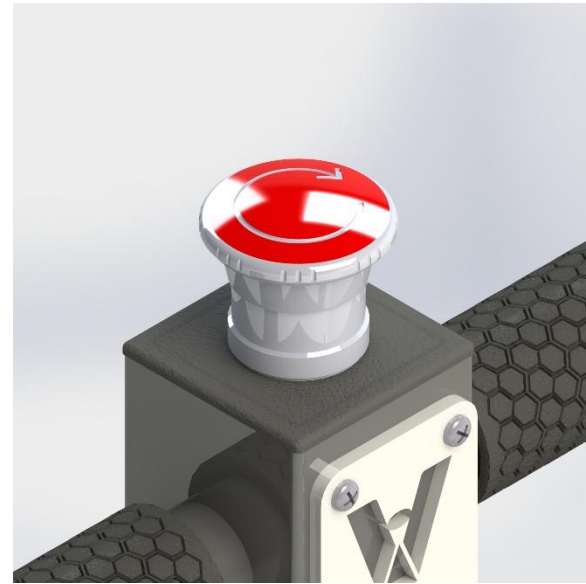
Electric Handle Locking Position





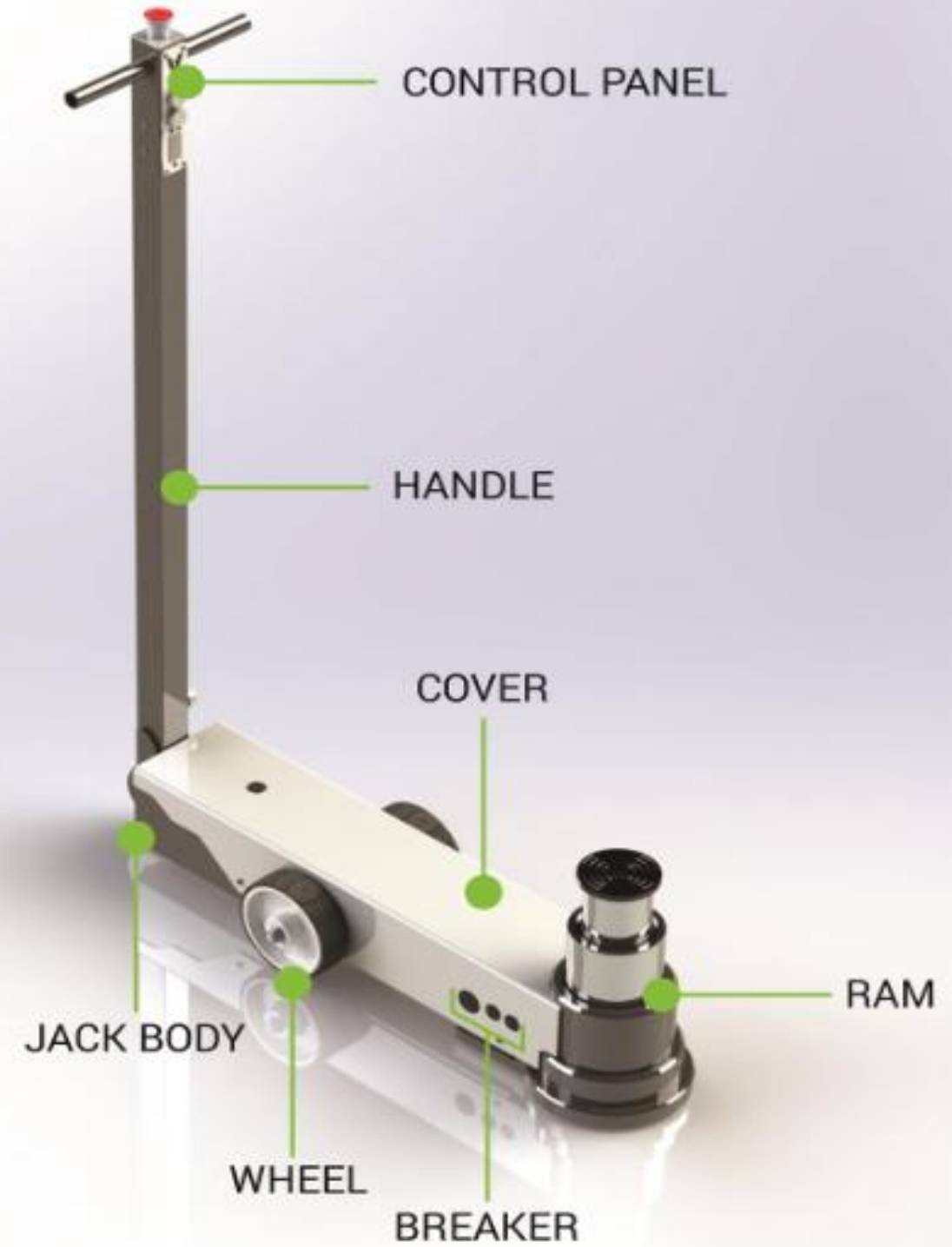
Multifunctional Emergency Stop

- Lock-Out
- Power OFF



- Cylinder UP Button
- Cylinder DOWN Button
- Battery Status

Smart and Simple Design.



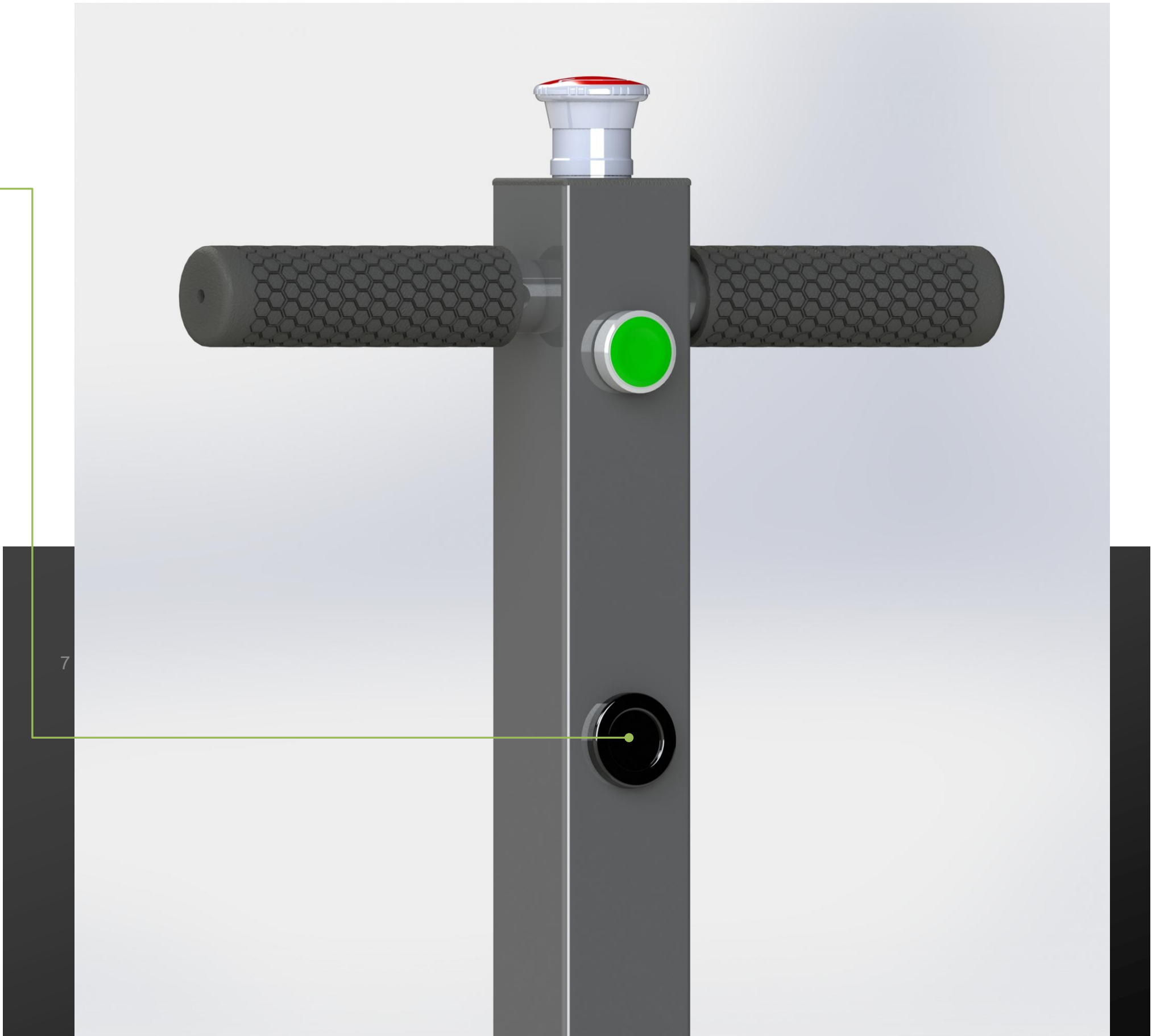
Intelligent and Safe Charging

MAGNETIC CHARGING PORT

- Prevents damage to the connector
- Easy to use
- Simple.
- Safe

Our Magnetic Connector Technology is compounded with integral magnets (blue) in the Power Plug, as well as in the Power Connector. When the two come into contact they become energized and allow for rapid charging.

Thus, the VOLTA ion charging System is 100% short-circuit-proof.



Remote Control

IMPROVING EFFICIENCY AND SAFETY IN THE SHOP

Safety is a big concern to us; it is part of our essence. We put great effort into making our products as safe as possible and to make sure they meet the highest possible safety standards, and we have the certificates to back that claim up.

Our products are not only safe, but they are also robust and can take a beating. We know that our remote controls get thrown around, dropped, run over, get wet – and that is all fine, we had all that in mind when designing the units. They are meant for long term usage.

Why remote control?

The wireless remote control is a safe, convenient and centric system for controlling the jack. It allows freedom of movement for the technician and have a better view of the vehicle they are trying to lift. It maintains the operator at a safe distance while lifting the vehicle.

Safety

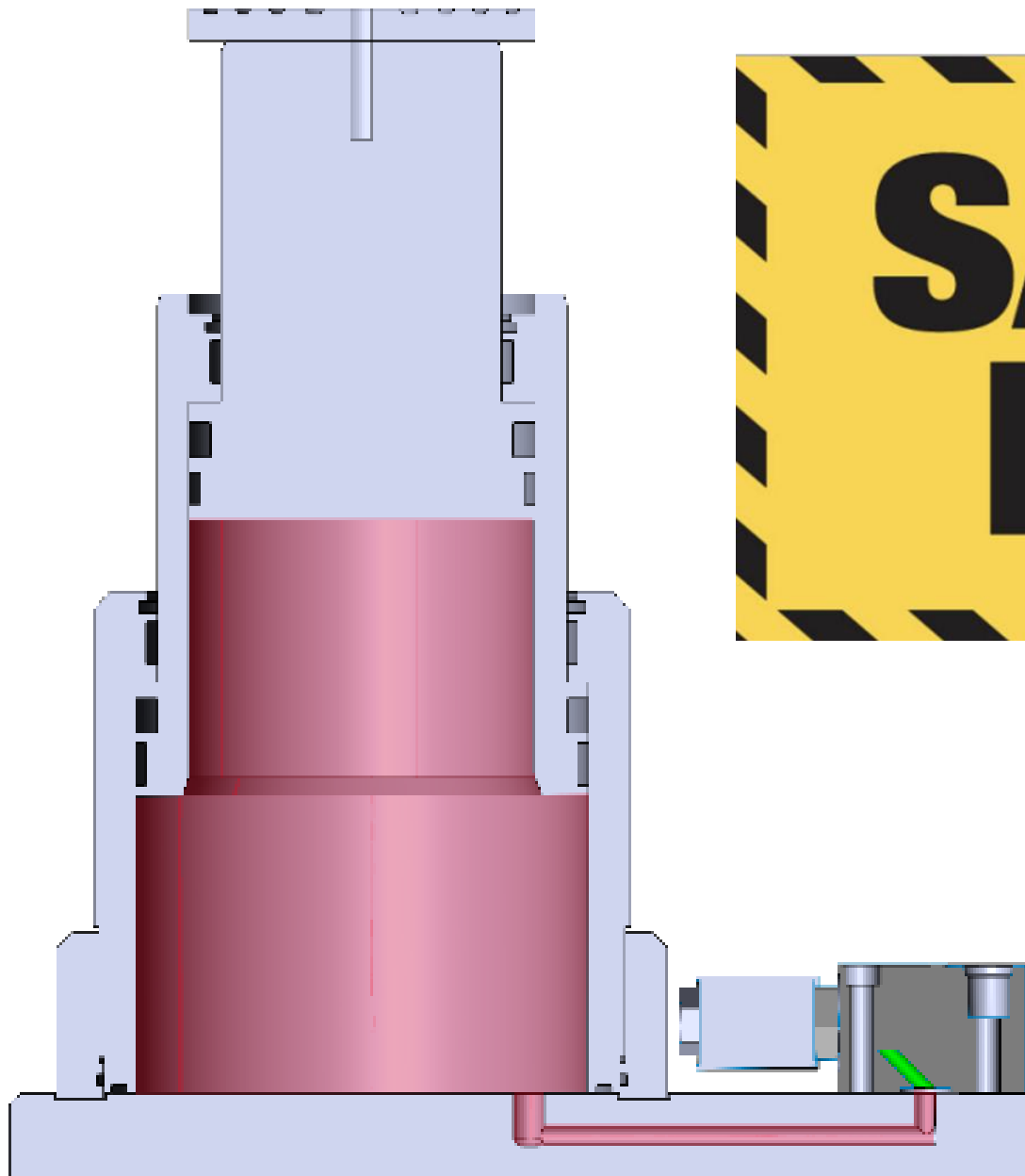
They are set to operate in continuous mode, have transmitters send repeated “stay alive pulses”, similar to a heartbeat or ping to the receiver, prompting dedicated safety relay(s) to drop if the receiver loses “sight” of the transmitter’s stay alive signal (out of range, dead battery, broken transmitter, etc.).



SAFETY FIRST!

The electro-mechanical check valve prevents the hydraulic cylinder from retracting unless the operator presses the hydraulic cylinder.

The hydraulic liquid is mechanically trapped within the system. In addition to the pump and the magnetic motor assisting, there is no other jack in the world with this level of redundancy in safety than the VOLTA ion jack.



Rechargeable Battery – LifePO4

LifePO4 Batteries

Our Lithium batteries are **100% safe & reliable**. Our signature chemistry, Lithium Iron Phosphate (LiFePO4), **does not contain rare earth elements** (like Cobalt) or heavy metals, is non-toxic, including no lead or acid, is non-corrosive, does not off gas, requires no watering or maintenance, can be placed in any orientation, and unlike other lithium batteries **will not explode or catch fire**.

In addition, each Lithium battery is protected from overheating, over charging, and short circuiting, by a battery management system (BMS) microchip that also extends the lifespan and is contained within the jack (although enough water can conduct electricity between the terminals, so don't submerge the battery). For best performance & reliability we recommend using a VOLTA Charger 24.

Recycling - Second Life

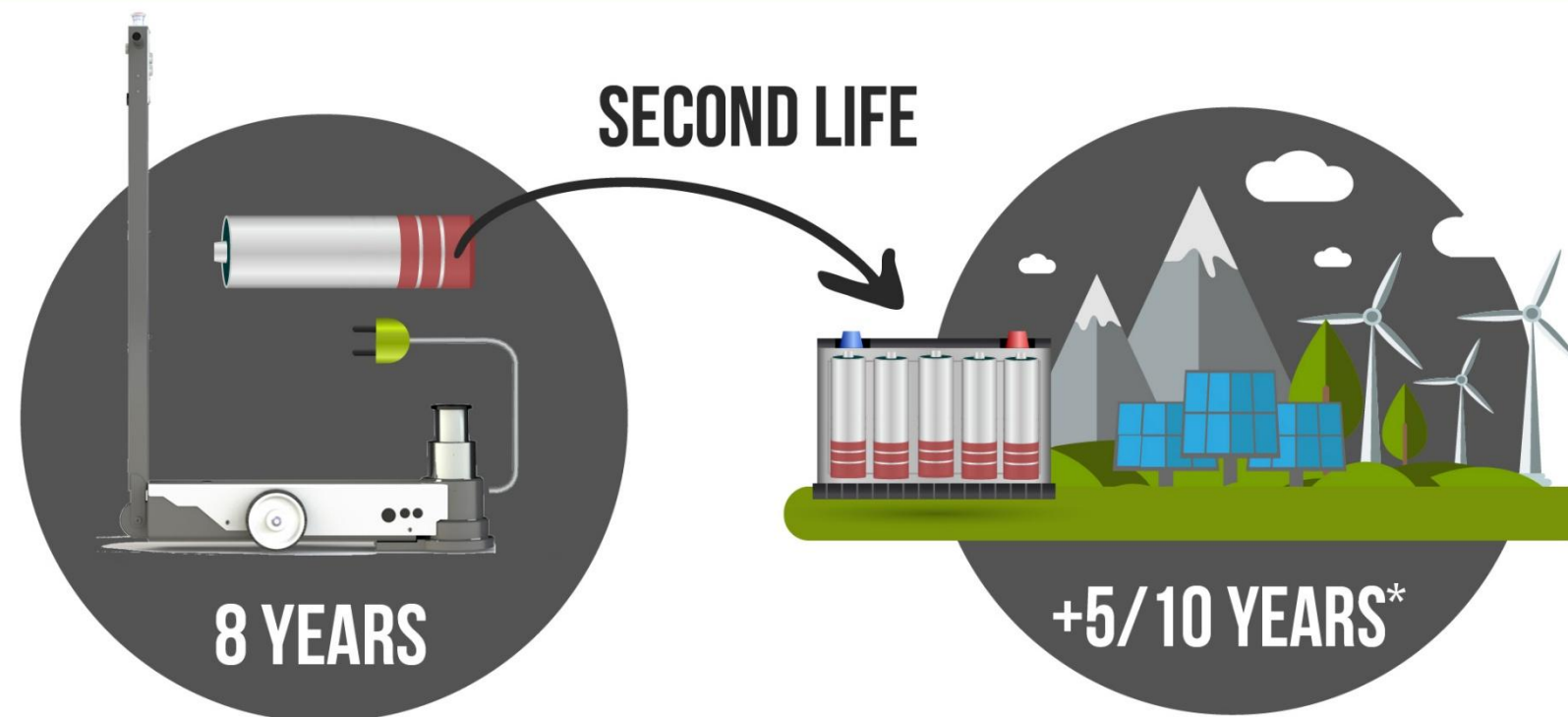
At VOLTA ion, we are all about increasing your productivity while improving the eco system and minimizing the carbon footprint.

Life expectancy of our battery packs are about 8 years. When the time comes to recycle these battery packs. The start a second life as a storage system for clean electricity.

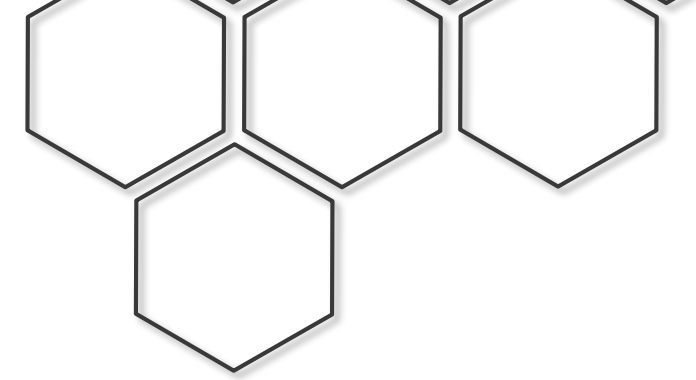
That's 18 years of clean energy!



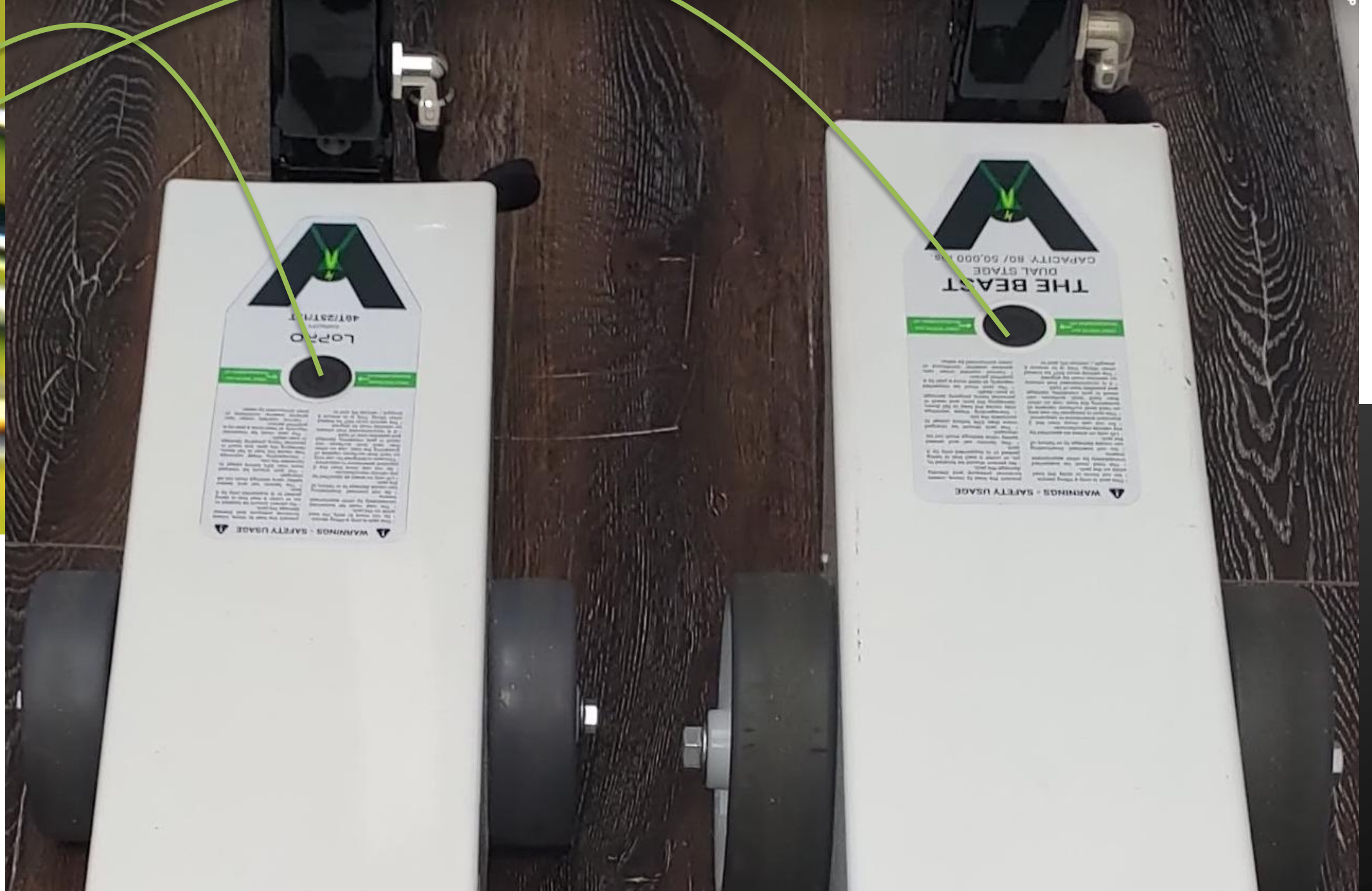
A **SECOND LIFE** for VOLTAion jack **BATTERIES** can go up to **18 years** of clean renewable energy.



*Depending on the second life application



Biodegradable Oil



We keep our products as environmentally friendly as possible without sacrificing performance. It's all about performance!

Vegetable oils are biodegradable, generally less toxic, renewable and reduce dependency on imported petroleum oils.





Everything in our jacks is made from the highest quality materials, including the wheels, featuring:

1. Heavy Nylon Center: impact-resistant, manufactured to achieve optimum mechanical properties for weights of more than 1,000 lbs!
2. High-quality thermoplastic polyurethane tread: high operational comfort, low-noise operation, low rolling, and swiveling resistance, good floor preservation, very high abrasion resistance.
3. The polyurethane tread is precisely injected and chemically bonded for an inseparable connection to the wheel center!
4. **Less Noise Pollution in the shop.**



QUIET FLOOR PROTECTION





Making Additional Profits While Saving the Planet

VOLTA ion's key advantage compared with any other jack in the industry is the outstanding difference in operating time.

- No need to connect a pneumatic hose.
- Raise speed is without competition.
- Furthermore, we had Ergonomics in mind, integrating the control and with the remote control, minimizing the fatigue of the technician.
- You will gain a significant level of productivity that will increase your profits and revenues.
- Minimize Workers Comp injuries

TIME SAVINGS:

Time Savings Per Lift
2 to 5 Minutes

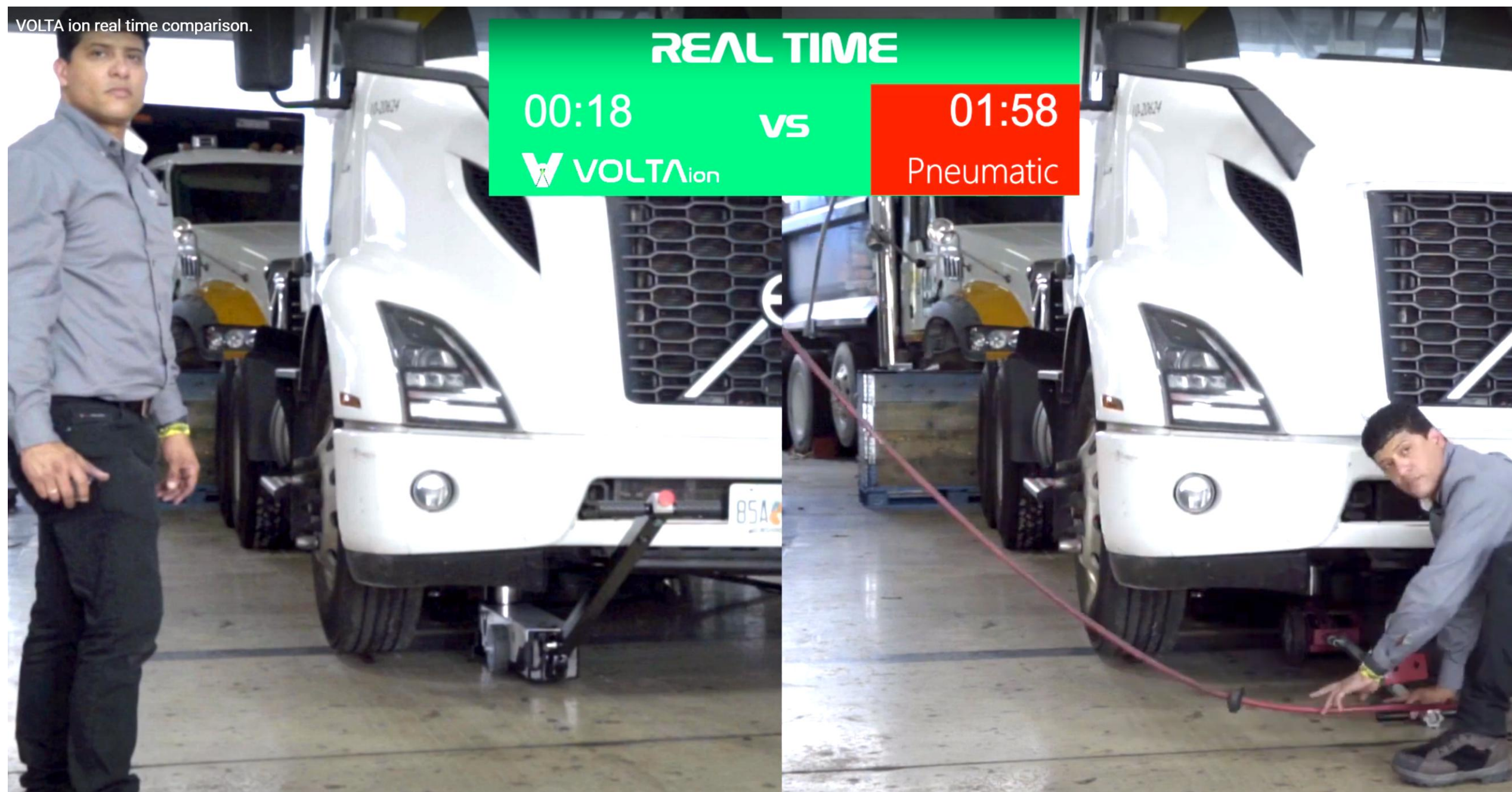
Lifts Per Day
30

Time Saved Per Day
1 hour

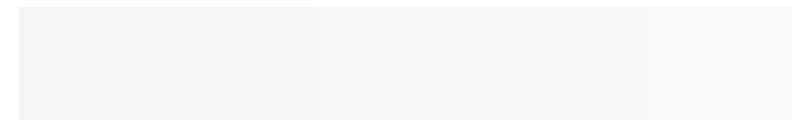
Shop Hourly Rate
\$160

Monthly Increased Revenue per month
\$3200

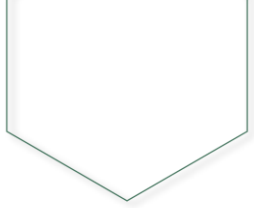
Additional ANNUAL Revenue in Savings while
PROTECTING EARTH
\$38,400



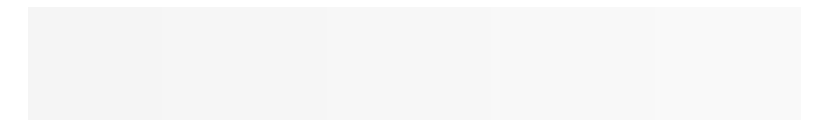
- VOLTA ion jacks are proudly manufactured in the USA
- Components are carefully selected from American suppliers
- American steel & labor



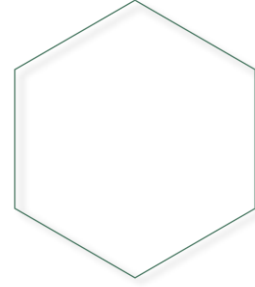
Benefits

- 
- No Air Lines
 - No Tripping Hazards
 - No Replacing Airlines/Hoses
 - No Need for a Compressor
 - Mobile, freedom to use it in and out of the shop
 - Better Cold Weather Performance
 - Safety Check Valve that prevents the cylinder from lowering.
 - Made in the USA
 - 98.5% Recyclable
 - Renewable Energy
 - Biodegradable Oil
 - Better Ergonomics
 - Increased Performance
 - Less noise contamination
 - Fast ROI

BETTER AND CLEANER FOR THE ENVIRONMENT



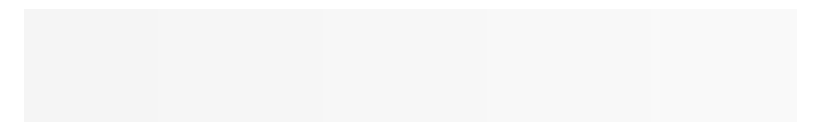
Video Library



[VOLTA ion Intro Video](#) (click link)

[Real Time Comparison Pneumatic vs Electric](#) (click link)

[Gravity Down](#) (click link)



Customers

We already have agreements with multistate and multinational clients.

NEXTRAN TRUCK CENTERS (MACK Truck Dealer)



SWISSPORT Large Multinational GSE (Airport Operations)



Customers

We already have agreements with multistate and multinational clients.

WASTE MANAGEMENT
(Garbage Collection Company)

WALMART
(Fleet)

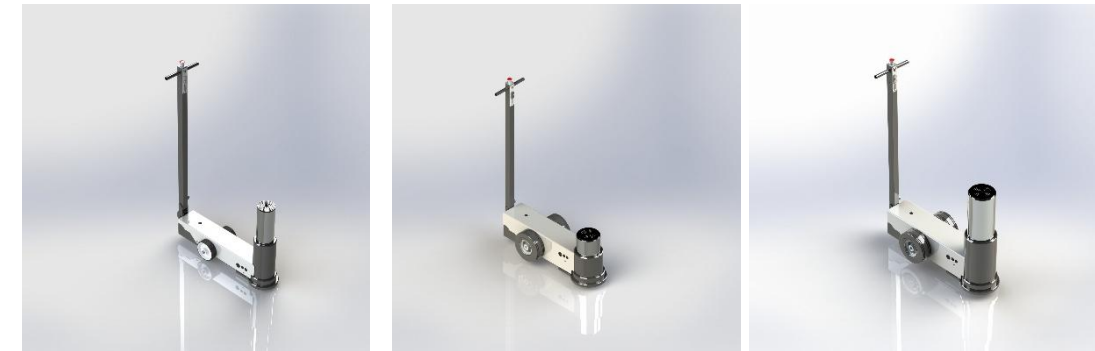


Product Range

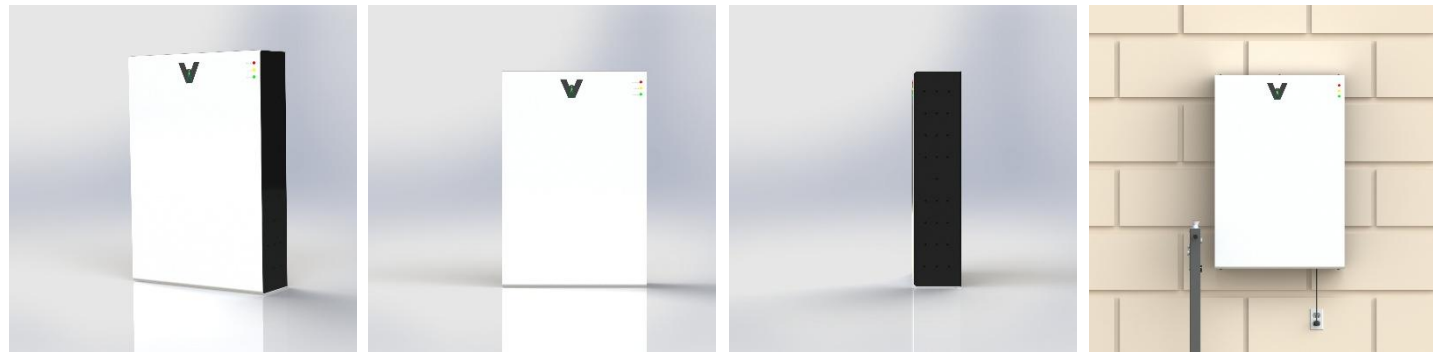
○ Trucks and Buses



○ Agricultural Vehicles



○ Volta Grid



○ Airplanes



○ Mine Trucks (In development)



○ Product Features



NO AIR NEEDED



RECHARGEABLE LITHIUM BATTERY



ADJUSTABLE HANDLE



MAGNETIC CHARGING PORT



CLEAN ENERGY



WIRELESS

The Future

volta ION

Product Technology Map (The Future)

