

ALL-NEW

Lithium-Ion Tiger Tow Tractor

Electrifying ground support operations without compromise.



TAYLOR-DUNN

THE IMPORTANCE OF SUSTAINABILITY, SAFETY, AND EFFICIENCY is greater than ever in ground support operations and Lithium technology has now unlocked the opportunity to attack those challenges in an all-new way. Taylor-Dunn has partnered with A&V Rebuilding, Inc. and LevCon Inc. to launch an all-new Lithium-Ion Tiger tractor, with an uncompromised 60,000 lbs of towing capacity and industry leading electric tractor technology.

This partnership injects decades of learnings, refinement, and electrical expertise into the all-new Lithium-Ion Tiger. A&V Rebuilding brings a long history of re-manufacturing the highest quality baggage and cargo tractors in the industry. LevCon brings advanced Lithium GSE power packages using industry proven components and technology. Taylor-Dunn brings 70+ years of industrial equipment manufacturing and support. Combine all of that together and you have a trusted GSE solution that unlocks game-changing benefits for your operations.



REDUCE EMISSIONS

Lower emissions on the airfields with all electric power, eliminating unnecessary pollution from traditional drive systems



LOWER COST OF OWNERSHIP

Eliminate gas and diesel costs when you plug in, and enjoy massive maintenance cost reductions with very few serviceable components



IMPROVE SAFETY

Electrification enables smart vehicle technology like anti-roll over and programmable acceleration and speeds

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LiFePo4 LITHIUM DRIVE SYSTEM

Implement all of the benefits of Lithium-Ion into your fleet with the advanced LiFePo4 drive system. Our fully integrated Orion BMS seamlessly communicates with the battery pack, Curtis Motor Controller, and charger

INDUSTRIAL BATTERY SYSTEM

20 or 35 kWh industrial grade battery packs are fully integrated into the vehicle system for the GSE application, and the 35 kWh packs are heated for Cold weather applications (under 50 degrees F)

HIGH VISIBILITY LIGHTS

LED head and tail lights not only provide high visibility to the operators, but the parts are widely available and easy to replace

ANTI ROLL-OVER SYSTEM

The anti roll-over system automatically reduces speed when entering a turn with patent pending technology

MULTI-CHARGING

Charging infrastructure barriers are quickly eliminated with multiple charging options including 110v, 220/240v, Posi-Charge, and Minit-Charge along with a multi-charge option that allows for charging virtually anywhere there is available electricity

FAST RECHARGE

Full recharge times as fast as 2 hours with the smart industrial charger, or 4-6 hours with 220/240v outlet, keep your operations moving efficiently

ON-BOARD DIAGNOSTICS

Easily and quickly diagnose issues to minimize downtime

SAFETY SEAT BELT

An orange retractable lap belt enables high visibility and easy ingress and egress, and the electronic switch ensures the operator's seat belt is fastened before the vehicle goes in motion

FORWARD/REVERSE INCHING

Easily accessible inching buttons at the rear of the tractor allow for a single employee to attach and detach the tow bars, and at a very consistent and low speed for predictable operations

UNCOMPROMISED TOWING

Tow up to 60,000 lbs, the same capacity as similar gas and diesel powered tractors

REGENERATIVE BRAKING

Programmable regenerative braking extends range, and minimizes brake maintenance

SMART DIRECTION CONTROL

An electronic shifter locks into the direction the tractor is set, and will not shift directions unless the vehicle is stopped for safe operations

PROGRAMMABLE SPEEDS

Programmable speeds allow adjustment of acceleration rate, top speed and turning speed - allowing users to manage their fleet and operators to their safety standards

The Tiger 30/60 also comes in Gasoline, LPG, or Diesel*
(*export only)



Contact a Taylor-Dunn GSE Sales Rep for More Information

Proudly developed in partnership with
A&V Rebuilding, Inc. and LevCon Inc.



Lithium Electric
Vehicle Conversions, Inc.

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