# Tiger Tractor Overview for Ground Support & Airport Operations


TAYLOR-DUNN | TIGER

# Tiger GSE Tractor Lineup

## Tiger 30/60 Li-Ion


Familiar body-on-frame modular design—steel pieces fastened together, familiar/common design for GSE space

Built standard with common GSE parts, including brakes and steering, simplifying operations and maintenance

24, 26 and 48kWh RELiON Li-Ion Batteries with smart on-board charging capabilities

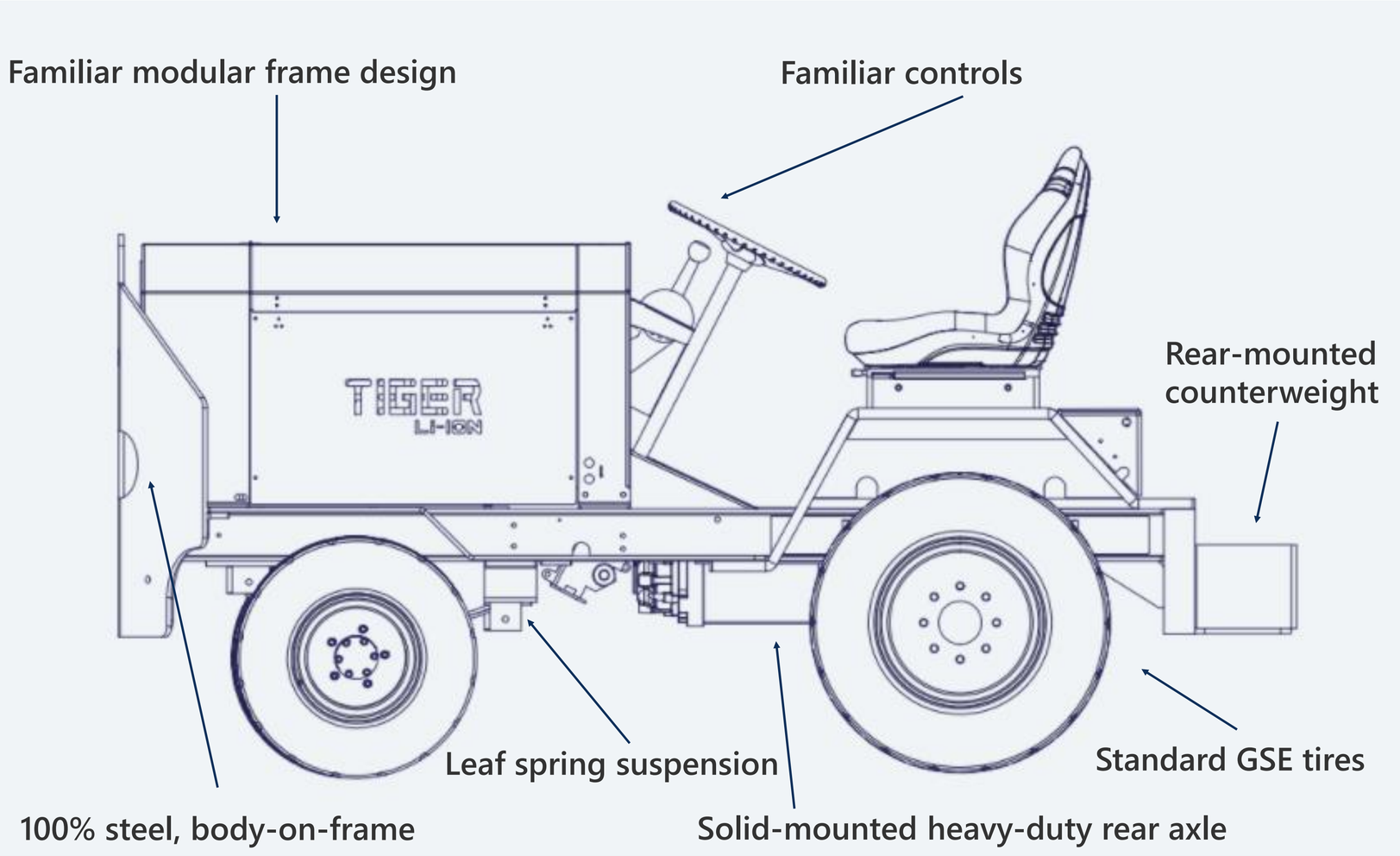
## Tiger 30/60 Gas


Familiar body-on-frame modular design—steel pieces fastened together, familiar/common design for GSE space

Built standard with common GSE parts, including brakes and steering, simplifying operations and maintenance

Ford and Kubota gasoline and LPG engine and transmission packages all assembled in the USA

# Design Overview



## Tiger 30/60 Li-Ion


2 passenger
Body-on-frame
30,000-60,000 lb. towing capacity
24-48 kWh LiFEPO4 battery

## Tiger 30/60 Gas


2 passenger
Body-on frame
30,000-60,000 lb. towing capacity
Ford or Kubota gas, diesel and LPG powertrains



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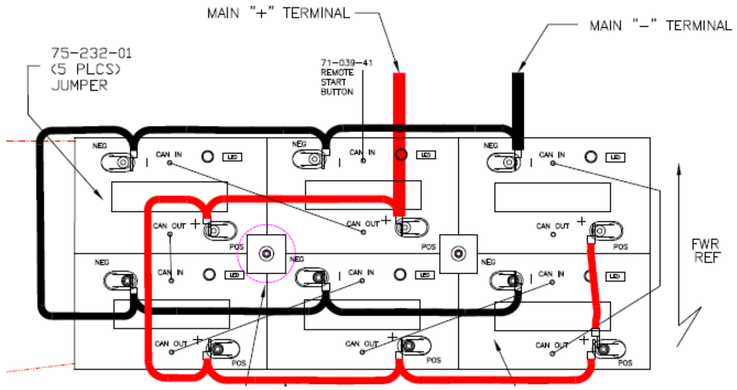
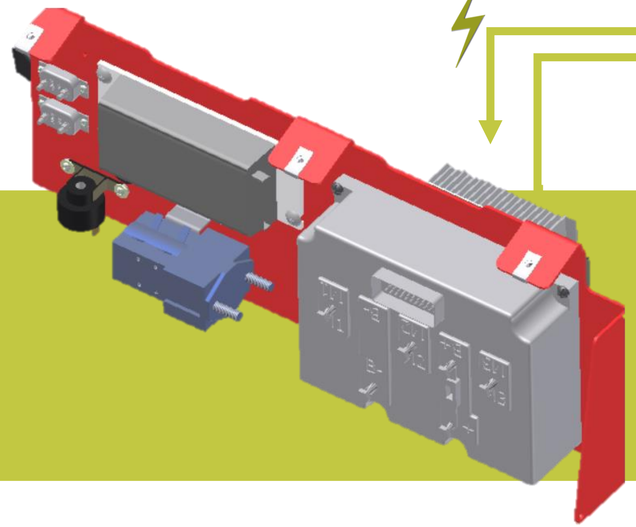
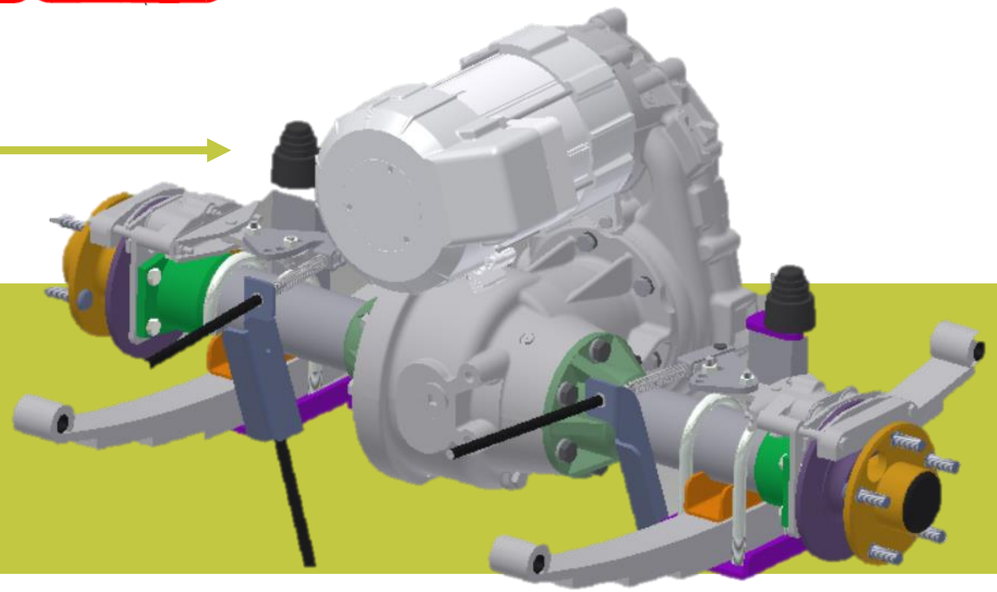
# Electric Vehicle Architecture


Let’s take a step back: this is still an electric vehicle. What components make up the powertrain?

- Battery
- BMS or battery management system
- Motor
- Controller
- Charger
- Gauge
- Pedal
- Parking brake
- Shifter





**OEM-engineered lithium-ion solutions are fully integrated with the vehicle’s electrical architecture**



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# Tiger Li-Ion Features & Benefits


## Improve Safety

Electrification enables smart technology like anti-rollover, programmable speed controls, smart direction control, and on-board diagnostics. Plus, high-visibility lights and a safety seat belt.

## Zero Emissions

One internal combustion tractor emits 3,250 kg of $CO_2$ annually. Tiger Li-Ion tractors eliminate unnecessary airfield pollution with zero $CO_2$ tailpipe emissions—bringing your fleet one step closer to reaching your sustainability goals.

## Save Thousands

Upgrading your fleet from traditional fuel tractors to Tiger Li-Ion can save you up to 80% in annual fuel and powertrain maintenance costs. Lithium-ion technology means zero battery and drive system maintenance and fewer serviceable components—saving you both time and money.

### What are the OEM Li-Ion Battery Integration Benefits vs a Drop-In Kit?

Seamless, optimized, dependable OEM solution. All these components work together and communicate with each other to help our customers get the job done more easily. This seamless integration helps increase confidence to the end user and to know that the system will protect itself in the event of an abnormal condition

**TIGER LI-ION CAN SAVE YOU UP TO**

**80%**

**IN ANNUAL FUEL/POWERTRAIN MAINTENANCE COSTS**



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# All-New Li Ion Tow Tractors

GAME-CHANGING ELECTRIFICATION

## Lower Costs

A true replacement for internal combustion alternatives, and also eliminates environmental hazards of lead acid


## Zero Emissions

One of the most impactful and easiest reductions to ground support emissions is electrifying tug fleets with Li Ion


## Improved Safety

### TIGER LI-ION ANNUAL COSTS

**$76,500**

$0 Annual Estimated Powertrain Maintenance + $3,000 Annual Electricity Costs Per Tractor x 25 Tractor Fleet

### FUEL TRACTOR ANNUAL COSTS

**$381,000**

$3,200 Annual Estimated Powertrain Maintenance + $12,000 Annual Estimated Fuel Costs Per Tractor x 25 Tractor Fleet

## ZERO EMISSIONS

New airline mandates are lowering vehicle fleet emissions each year. Stay ahead of the always changing demands with Tiger Li-Ion.

**ANNUAL $CO_2$ TAILPIPE EMISSIONS FOR ONE TIGER LI-ION TRACTOR**

**00 KG. $CO_2$**

**ANNUAL $CO_2$ TAILPIPE EMISSIONS FOR ONE INTERNAL COMBUSTION TRACTOR**

**3,250 KG. $CO_2$**

## SAFETY FEATURES INCLUDE:

- ANTI-ROLLOVER TECHNOLOGY
- PROGRAMMABLE SPEED LIMITING AND ACCELERATION
- HIGH VISIBILITY LIGHTS
- SAFETY SEAT BELTS
- SMART DIRECTION CONTROL
- ON-BOARD DIAGNOSTICS
- ELECTRONIC SHIFT INHIBITING



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