

TIGER Li-ION

Game-Changing Electrification

Modernize your ground support operations without compromise. Lithium-Ion technology is engineered into Tiger's electrical architecture and industry-proven chassis—outperforming internal combustion tractors when it comes to safety features, durability, total cost of ownership, tailpipe emissions, and maintenance costs.



Improve Safety

Electrification enables smart vehicle technology like anti-rollover, programmable speed controls and onboard diagnostics.

All Tiger tow tractors come standard with high visibility lights and safety seat belts.

Zero Emissions

Tiger Li-Ion tow tractors eliminate unnecessary airfield pollution with zero CO₂ tailpipe emissions—bringing your fleet closer to reaching your sustainability goals.

Save Thousands

Lithium-ion technology means fewer serviceable components, and zero battery and drive system maintenance. Upgrading your fleet to Tiger Li-Ion can save you up to 80% in annual fuel and powertrain maintenance costs.

ONE STEP CLOSER TO NET ZERO

ANNUAL CO2 TAILPIPE EMISSIONS FOR ONE TRACTOR REPOWERED BY TIGER

400 KG CO₂

ANNUAL CO2 TAILPIPE EMISSIONS FOR ONE INTERNAL COMBUSTION TRACTOR

3,250 KG CO₂

TIGER Li-ION CAN SAVE YOU UP TO

80%

IN ANNUAL FUEL/POWERTRAIN MAINTENANCE COSTS

TIGER Li-ION ANNUAL COSTS			ICE FUEL TRACTOR ANNUAL COSTS		
\$76,500			\$381,000		
\$0	+	\$3,000	x	25	
Est. powertrain maintenance		Electricity costs per tractor		Tractor fleet	
\$3,200	+	\$12,000	x	25	
Est. powertrain maintenance		Fuel costs per tractor		Tractor fleet	

SAFETY FEATURES

- Anti-Rollover
- High Visibility LED Lights
- Brake Interlock
- Electronic Shift Inhibiting
- Programmable Speed Limiting and Acceleration
- Safety Seat Belts
- Onboard Diagnostics
- Operator Presence Sensing

Tiger Li-Ion Specifications

MOTOR & DRIVETRAIN

Battery Power
36 kW or 48 kW

Motor
96v AC brushless induction

Drive System Type
Lithium electric (LiFePO4—more safe, stable and reliable than other lithium options)

Top Speed
15 mph (21 kmh)

Final Drive
Planetary triple reduction axle

SPECIFICATIONS

Instrumentation
BDI, w/ hour meter, park brake indicator, system readiness indicator, telematics ready

Lighting
Dual LED headlights, LED brake/tail lights, LED reverse lights, LED marker lights

Other Standard Features
Black vinyl ergonomic bucket seats

Options
Full cab with doors, heating and fan system, beacon light

DIMENSIONS

Ground Clearance
5 in (12.7 cm)

Hitch Towing Rating
Up to 55,000 lbs (24,947 kg)

Overall Vehicle Size
113 x 55.5 x 61 in (287 x 141 x 155 cm)

Person Capacity
2

Wheelbase
58 in (147.3 cm)

BRAKES

Brakes
Rear disc (quad caliper)

Parking Brake
Hand-operated parking Brake (optional electric actuated parking brake)

FLEXIBLE CHARGING

Charging Options
Onboard or DC fast chargers

SUSPENSION

Front Suspension
Leaf springs

Rear Suspension
Solid w/ rubber cushion isolators

