

# ELECTRIC TERMINAL TRACTOR

SEE WHAT GOING ELECTRIC  
MEANS FOR YOUR BUSINESS.



## DID YOU KNOW?

Ameren Missouri customers can replace diesel power terminal tractors with an electric version to reduce maintenance and fuel costs, improve safety and lower air and noise pollution, thereby supporting your company's sustainable goals.

## ELECTRIC TERMINAL TRACTORS MAKE SENSE.

- Reduce cost of ownership.
- Increase uptime.
- Improve bottom line.
- Utilize on/off road operation.
- Create a cleaner, quieter, healthier work experience.
- Improve your environmental impact.

## SCHEDULE YOUR FREE DEMO

An electric terminal tractor reduces noise, vibration and exhaust (zero emissions at site) making it safer and healthier to operate.

With fewer moving parts and an intuitive diagnostic system, servicing will require less technician hours, generate savings and improve machine uptime.

As an Ameren Missouri customer, you have the opportunity to experience these technology advancements first hand. Schedule a "no charge" demonstration at your location today.

**This is a revolution you can't  
afford to miss!**

AMEREN MISSOURI ENERGY SOLUTIONS PROGRAM

[AmerenMissouri.com/energysolutions](http://AmerenMissouri.com/energysolutions)



FUEL SAVINGS			
Kalmar Ottawa T2e Electric Spotter		Diesel Spotter	
Cost per Kilowatt-hour (kWh)	0.085	Fuel Cost per Gallon	\$2.50
Unit demand in kilowatts	160kW	Average Gallons Used per Hour	2
Hours Used per Week	40	Hours Used per Week	40
Annual Hours of Usage	2080	Annual Hours of Usage	2080
Annual kWh	36,650	Annual Gallons Used	4,160
Total Annual Fuel Cost	\$3,115.25	Total Annual Fuel Cost	\$10,400.00
Estimated Annual Fuel Savings (by converting to electric)			\$7,284.75

## COST

**Q. How long will it take to recover the cost of an electric tractor?**

A. This varies depending on utilization. A typically utilized tractor can see an ROI of 36 months.

**Q. Why do electric tractors cost less to operate?**

A. There are fewer moving parts to an electric tractor and maintenance is reduced accordingly. Additionally, electric is a more reasonable and reliable fuel source.

## OPERATIONS

**Q. Do electric tractors perform as well as diesel tractors?**

A. Yes. Electric tractors match torque and horsepower with smother acceleration and less vibration and heat.

**Q. Will electric tractors be advantageous for my team?**

A. With significantly fewer moving parts and a substantial reduction in number of fluid disposals, electric tractors will surpass the uptime of its combustion counterpart.

## BATTERIES

**Q. How long does it take to charge a battery system?**

A. This will vary by battery configuration but typically from 2-3 hours.

**Q. How long can I expect a battery systems to last?**

A. Batteries are warranted for 5 years or 15,000 hours. Consult an Ameren program specialist for details.

**Q. Will opportunity charging degrade the life of a battery system?**

A. No, opportunity charging helps maintain battery longevity.

## ENVIRONMENT

**Q. How does electric improve my environment?**

A. Electric technology produce zero emissions creating a safer healthier environment.

- A cleaner work environment with results from eliminating fluids such as diesel, engine oil and coolant.
- While producing less noise, vibration, fumes and emissions, an electric tractor is safer and healthier for your driver to operate.

### QUESTIONS?

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