Bright Energy Solutions®

Saving energy. Saving money.

Electric Forklifts, Tow Tractors and Lithium-Ion Batteries

The Benefits of Going Electric

The material-handling industry continues to evolve as technology advances. Electric forklifts and tow tractors are used more than ever before because of their proven performance and ability to create a cleaner and safer workplace environment.

- **Cost-Effective**
  - Fuel and maintenance costs are less than internal combustion models.
  - Despite higher upfront capital costs, the payback for electric forklifts is usually less than two years
- **Highly Efficient**
  - New 80VAC technology doubles the runtime between battery charges
  - New high-frequency chargers are 90 percent efficient
- **Improved Productivity and Work Environment**
  - More responsive and smoother to operate
  - Less vibration and operator fatigue
  - Quieter
  - Improved air quality and healthier workplace

Make the move to electric and receive up to a $2,000* rebate for:

- Class 1 and Class 2 electric forklifts, and Class 6 tow tractors
- Addition to fleet or replacement of an internal-combustion unit
  - Electric replacing electric does not qualify
- New, demo, remanufactured or leased units
  - Demo or remanufactured units must be less than 5 years old and with the same warranty as new units
  - Leased equipment term must be at minimum three years
- Receive a $600 rebate for each lithium-ion battery installed
  - Minimum of three operating shifts to qualify for rebate

*Incentive does not apply to units used in the refrigerated portions of refrigerated warehouses and food processing facilities, or in other areas where OSHA and FDA regulations make electric units standard practice.

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Program can be changed at any time without notice.

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What You Need to Know

Electric forklifts and tow tractors have been material-handling workhorses for years. Recent technology advances have boosted performance and utility, enabling them to compete with internal-combustion counterparts indoors and out, while delivering energy and emissions benefits and substantial cost savings over their lifetime.

Electric forklifts and tow tractors operate just like conventional internal-combustion lift trucks but are powered by industrial batteries instead of propane, diesel, natural gas or gasoline fuel.

Electric Forklift and Tow Tractor Class Info

Class 1 Forklifts	Class 2 Forklifts	Class 6 Tow Tractors
Counterbalanced rider trucks with a typical lift capacity of 3,000 to 20,000 pounds. Some models can lift up to 40,000 pounds.	Narrow-aisle forklifts that typically have 3,000 to 5,500 pounds of lift capacity, with high-reach capacity.	Sit or stand models with tow capacities up to 5,000 pounds and deck capacities from 750 to 1,000 pounds.

Applications

Electric forklifts and tow tractors are used indoors and outdoors in small businesses and in large, round-the-clock operations within the following sectors:

- Warehousing and storage
- Manufacturing
- Large retail
- Construction
- Mining
- Agriculture
- Commercial manufacturing
- Waste management
- Goods movement, shipping and storage
- Health, technology and research operations