AxleTech set out to redefine the way the industry thinks about drivetrain and powertrain systems for heavy-duty electric vehicles. We understand the need for highly efficient systems that not only maximize your electric vehicle’s performance, but also provide a favorable return on investment. Our systems engineering approach enables us to provide industry-leading e-axle systems for a range of vehicle applications, including medium-duty and heavy-duty trucks, transit, and off-highway. Our e-axle systems focus on delivering the best efficiency, performance, and packaging.

Systems Engineered Solutions

Direct Drive Systems
- Rigid axles specifically designed for the harsh electric drive duty cycle
- Integrated driveline gearboxes help optimize vehicle performance
- Power electronics to match the motor
- Customized motor controller to fit industry standard architecture

Integrated Systems
- Integrated e-motors into the complete system
- Multi-speed synchronized gearboxes
- Quiet helical wheel ends optimized for regenerative braking
- Power electronics to match the motor
- Customized motor controller to fit industry standard architecture

Performance
Cost
Packaging
Maintenance & Support
ELECTRIC VEHICLE APPLICATIONS

AxleTech e-axle systems are available for the following vehicle configurations: Battery Electric Vehicles (BEV), Range Extender, and Fuel Cell Electric Vehicle (FCEV).

Medium-Duty & Heavy-Duty On-Highway Trucks
- Delivery
- Drayage
- Refuse

City and Transit Buses
- Trolley bus
- 40’ transit bus and double-decker bus
- 60’ articulating bus

Off-Highway
- Fork lift trucks
- Terminal tractors
- Rail car movers
- Ground support equipment
**ABOUT US**

AxleTech is a leading specialty vehicle powertrain technology company. We have the expertise and knowledge to design, develop, and build custom-engineered drivetrain systems for an array of on-highway and off-highway applications. For leading technology, quality, dependability, and durability, the rock-solid choice is AxleTech.

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