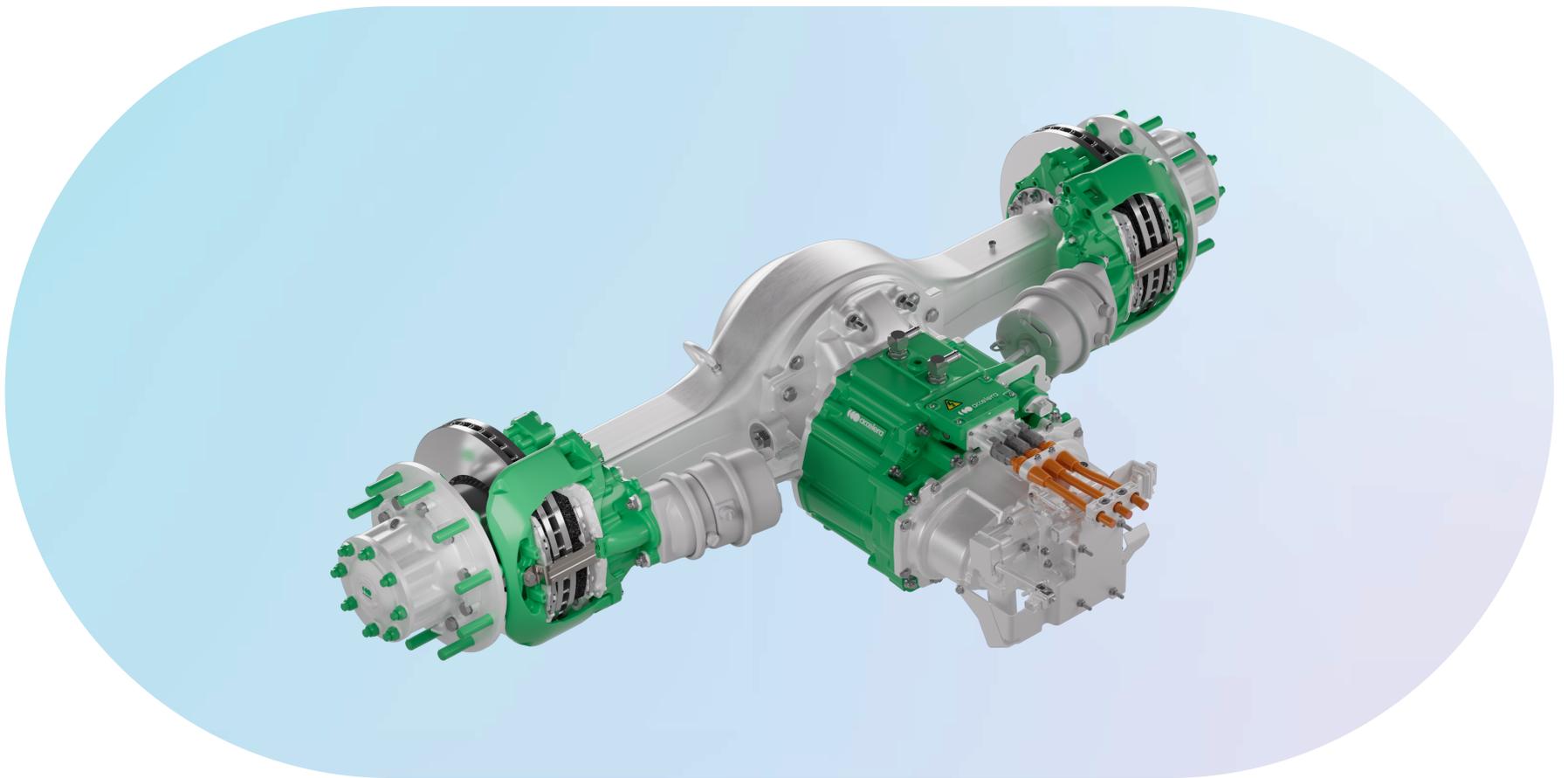


Traction system

# 14Xe Gen 4.5 eAxle

accelerate the shift™



## Features



Integrated ePowertrain design provides high-efficiency, lower weight and better turning radius

Enables longer vehicle range by integrating the motor and transmission into the axle, freeing up space for more batteries

Highly modular and customizable to address a wide range of applications

Multiple wheel-end options, power ratings, gear ratios and multi-speed transmissions available

eOptimized™ hypoid gearing

- Maximizes system level efficiency
- Enables full regenerative braking
- Wider ratio range
- Lower noise to meet with OEM NVH targets

Advanced 2- or 3-speed transmission for increased comfort and efficiency

Accelera by Cummins' fully owned system boasts a 93% system efficiency

Extremely power dense, designed for ease of OEM chassis integration

Available as a single or tandem drive ePowertrain

Intelligent PCM and software allows programmable shifting, individual motor/axle control, acceleration and deceleration management and limited slip control

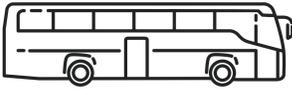
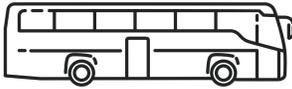
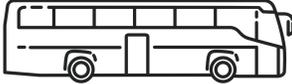
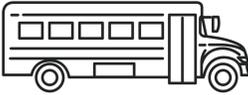
## Specifications

Continuous Power Range	180 kW
Peak Power	290 kW
GAWR Range per Axle	15,000 - 23,000 lbs. (7.5T - 11.5T)*
Applications	<b>Class 6-7:</b> Pickup and Delivery, School Bus <b>Class 8:</b> Refuse, Linehaul <b>8m, 9m, 10m and 12m:</b> Transit Bus <b>Other:</b> Terminal Tractors, EU Trucks
High Voltage Range	450-800V
Functional Safety Rating	ISO-26262 / ASIL-C compliant per QM
Ingress Protection	IP6K6K, IP6K8 and IP6K9K

\* Customizable GAWR could be investigated

## Solutions for a wide range of applications.

Our deep understanding of customer needs enables us to create products that can do what needs to be done. No matter what class, segment or rating, Accelera helps you deliver more efficiently than ever.

Single Reduction 2-Speed	Single Reduction 2- or 3-Speed	Single or Wheel End Reduction 2- or 3-Speed	Wheel End Reduction 2- or 3-Speed
 8/9 meter transit bus	 10 meter transit bus	 Heavy trucks	 Class 8 refuse
 Class 4-5 pickup and delivery	 Class 6 pickup and delivery	 12 meter transit bus	 Class 8 linehaul
	 Class 7 school bus	 EU trucks (regional distribution)	
		 Class 7 pickup and delivery	
		 40T-65T terminal tractors	

### We are Accelera

And we're on a mission to transition the world's most economically critical industries to zero-emissions power.

Learn more at [accelerazero.com](https://accelerazero.com)