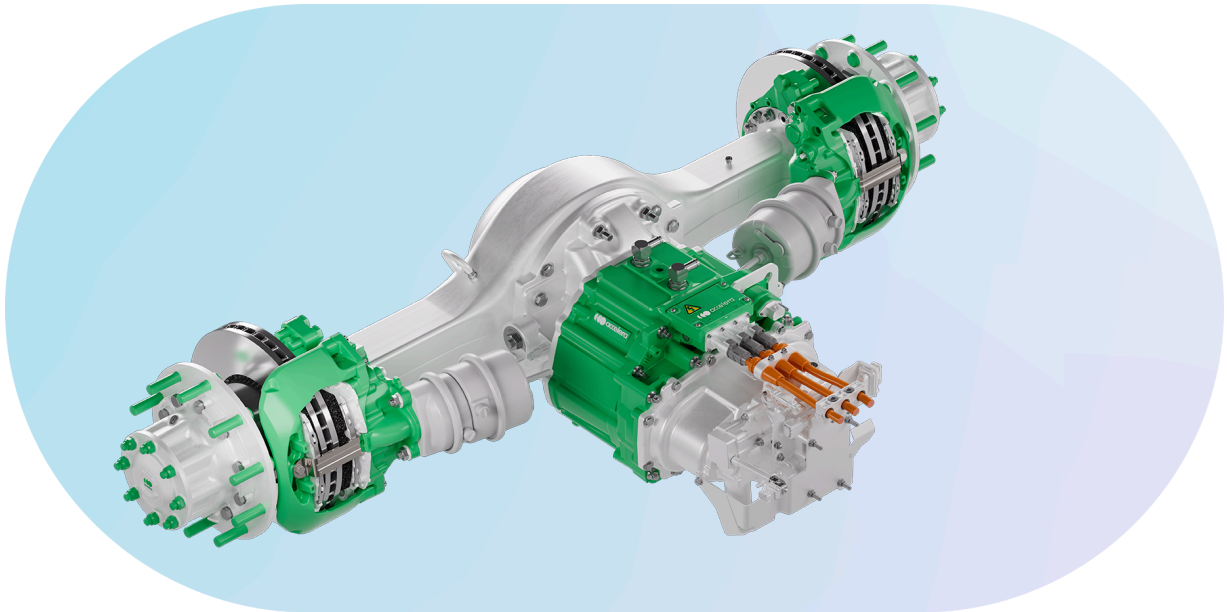


Traction System

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, thereby 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's 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

Traction System

Specifications

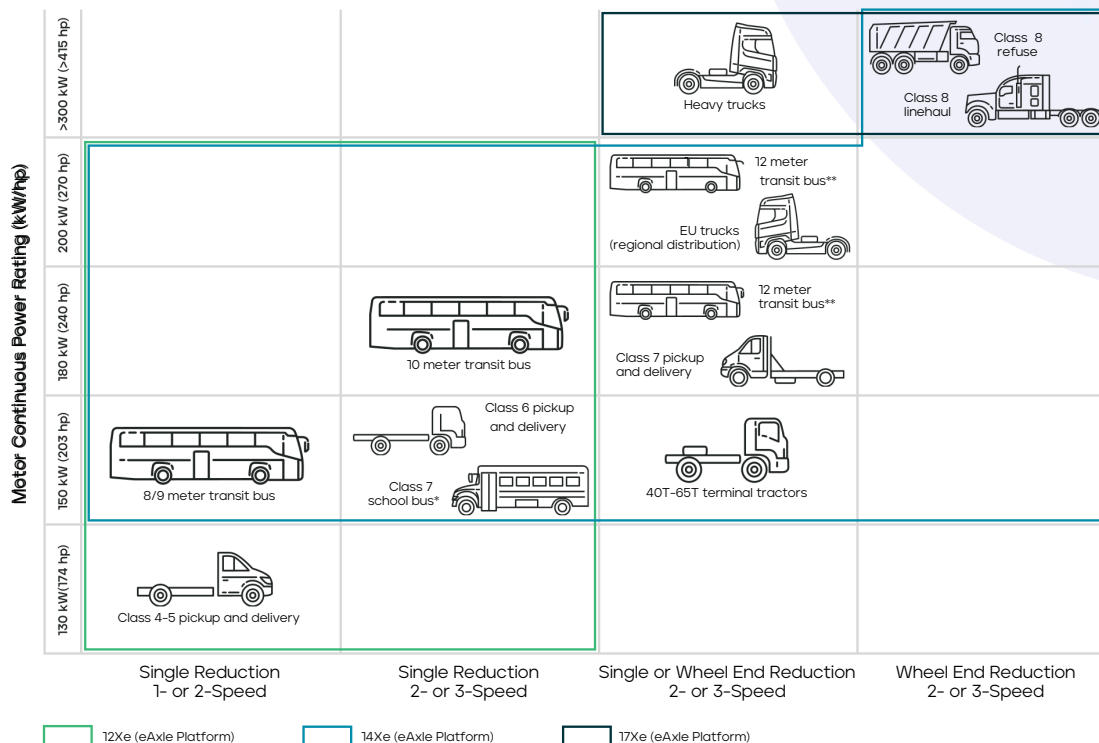
Continuous Power Range	130*, 150, 180 and 230 kW
Peak Power	290 kW
GAWR Range per Axle	13,600 – 26,000 lbs. (6.8T – 12T)**
Applications	Class 6-7: Pickup and Delivery, School Bus Class 8: Refuse, Linehaul 8m, 9m, 10m and 12m: Transit Bus Other: Terminal Tractors, EU Trucks
High Voltage Range	450 – 850V
Functional Safety Rating	ISO-26262 / ASIL-C
Ingress Protection	IP6K6K, IP6K8 and IP6K9K

* Future release

** 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.



* 130kW motor variant planned for future release ** eIPA inverted portal axle - low floor applications

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