

PERFORMANCE GAINS

Three speed gearbox designed to climb hills and also travel highway speeds.

Reduce torque interruption with shorter shift times.

MODULAR POWERTRAIN

The fully electric MID powertrain has a modular design compatible with an array of eMotors.

Patented technology to eliminate clutch parasitic losses and optimize commercial trucks.

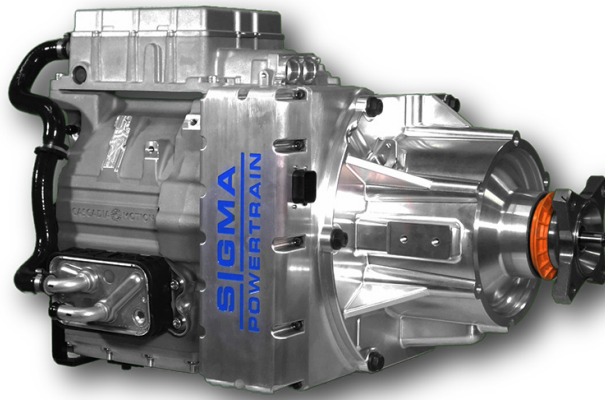
Central drive allows easy integration into common chassis configurations. Also available in EAXle configurations.

KEY SOFTWARE

Proprietary control software to optimize performance and efficiency.

Integrated redundancy to ensure safety goals achieved.

MID-SERIES



Shown with Cascadia Motors IM225

MID-SERIES

Even in battery-electric powertrains, transmissions still need to be used between the electric motor and the differential gear to reduce high motor speeds. The MID-Series powertrain for classes 1-6 is a great fit for delivery vans, buses and other applications.

Our initial offering uses motors from Cascadia Motion to provide a fully integrated plug-and-play powertrain. It includes the motor, inverter, heat exchanger, water pump, powertrain controller, oil pump. With the provided motors it operates as a 300 horsepower, 3-speed BEV all inclusive powertrain and software controller. Our patented all-electric clutches provide extreme efficiency and power density.

However, like the EMAX, it is completely modular. The motors can be changed for power needs.

TECH SPECS

- MID-Series Weight: (Alone) 38 kg
- Max peak torque: 1,370Nm
- Max Speed: 10,600 RPM
- Ratios: 1st - 2.73:1 2nd - 1.53:1 3rd - 1:1
- Motor and Trans cooling: Dex VI