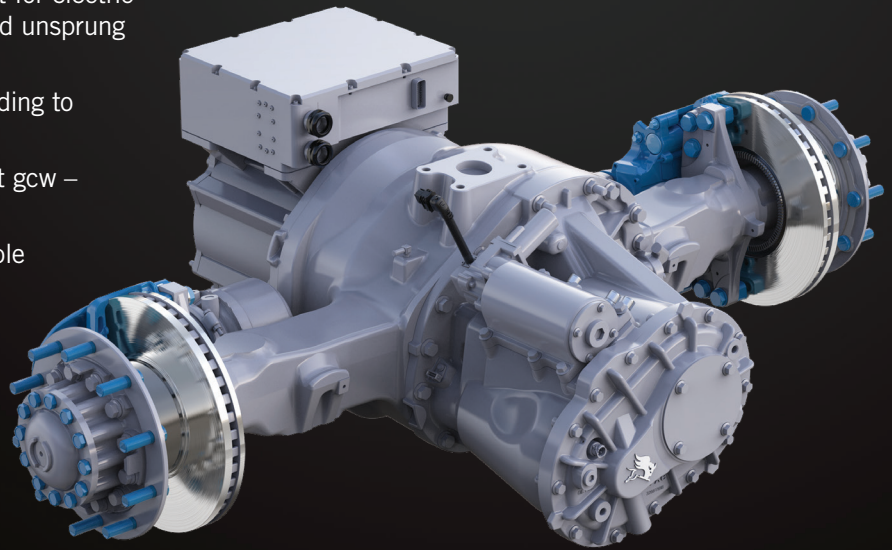


17Xe™ ePOWERTRAIN

FEATURES

- Power dense design delivers up to 430 kW continuous power meeting all heavy duty power requirements
- Innovative straddle-style architecture for motor and transmission enables packaging within existing chassis with little or no modification for ease of integration
- ePowertrain architecture also contributes to better management of unsprung mass, maximizing ride and handling
- Integration of key components to deliver premium performance:
 - 2 or 3-speed transmission meets or exceeds performance requirements and maximizes system efficiency for longer vehicle range
 - Inverter with SiC MOSFETs maximizes efficiency and reliability while eliminating phase cables, saving cost
 - eOptimized brakes and rotors, purpose built for electric vehicle duty cycles offer reduced weight and unsprung mass for better ride performance
- Designed for maximum regenerative braking adding to overall system efficiency
- Conventional wheel-ends can be used up to 44t gcw – hub reduction up to 65t+ gcw
- Intelligent PCM and software allow programmable shifting, acceleration and deceleration management and limited slip control
- Features eOptimized™ hypoid gearing to maximize efficiency, performance and flexibility



SPECIFICATIONS

Continuous Power Range	290 kW, 360 kW and 430 kW
Peak Power	Up to 450 kW
GAWR Range per Axle	25,353 – 30,000 lbs. (11.5T – 15T)*
Applications	Suitable for 4X2, 6X2 and 8X2 Vehicles
High Voltage Range	750V – 850V
Functional Safety Rating	ISO-26262 / Target to Achieve ASIL-C
Ingress Protection	IP6K9K

* Customizable GAWR could be investigated

