

# News Release



## **BorgWarner's Electric Motor and eGearDrive® Transmission Propel All-electric FUSO eCanter Trucks**

- *BorgWarner supports initial launch of world's first series-produced all-electric light-duty truck*
- *Compact electric motor delivers industry-leading torque and power density*
- *Transmission extends electric driving range with quiet, efficient performance*

Auburn Hills, Michigan, January 15, 2018 – BorgWarner, a global leader in clean and efficient technology solutions for combustion, hybrid and electric vehicles, supplies its HVH250 electric motor and eGearDrive® transmission for the initial launch of the FUSO eCanter truck, the world's first series-produced all-electric light-duty truck. According to FUSO, over 200 third generation units are being tested in urban areas. BorgWarner's scalable HVH250 electric motors deliver industry-leading torque and power density. With a compact, low-weight design and highly efficient gear train, BorgWarner's eGearDrive transmission uses less battery energy, extending battery-powered driving range.

"For several years, BorgWarner's engineers worked closely with FUSO on this milestone project," said Dr. Stefan Demmerle, President and General Manager, BorgWarner PowerDrive Systems. "We are excited to offer our efficient, eco-friendly technologies as FUSO paves the way for powerful and sustainable commercial vehicle mobility."

Instead of conventional round wire windings, BorgWarner's HVH250 electric motor uses precision-formed rectangular wires and multiple layers of interlocking "hairpins." This patented high voltage hairpin (HVH) technology enables the HVH250 motor to produce up to 425 Nm of torque and 300 kW of power at 700 volts. Featuring a compact design for easy integration, the HVH250 electric motor delivers class-leading efficiency of over 95 percent and provides better continuous power compared with competitive models. BorgWarner's family of HVH electric motors is designed for flexibility, offering scalable torque and output for a range of light- to heavy-duty applications.

The eGearDrive transmission's compact, low-weight design and highly efficient gear train achieves high-torque capacity yet uses less battery energy. In addition to handling high input speeds of up to 14,000 rpm, the advanced technology offers a wide range of gear reduction ratios for optimal acceleration for a variety of motor sizes. An optional electronically actuated park lock system is available, and since approximately 99 percent of the materials used in the eGearDrive transmission are recyclable, the technology also enhances sustainability.

## About BorgWarner

BorgWarner Inc. (NYSE: BWA) is a global product leader in clean and efficient technology solutions for combustion, hybrid and electric vehicles. With manufacturing and technical facilities in 64 locations in 17 countries, the company employs approximately 27,000 worldwide. For more information, please visit [borgwarner.com](http://borgwarner.com).



BorgWarner's HVH250 electric motor and eGearDrive® transmission propel the initial launch of the FUSO eCanter truck, the world's first series-produced all-electric light-duty truck.

Statements contained in this press release may contain forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management's current outlook, expectations, estimates and projections. Words such as "anticipates," "believes," "continues," "could," "designed," "effect," "estimates," "evaluates," "expects," "forecasts," "goal," "initiative," "intends," "outlook," "plans," "potential," "project," "pursue," "seek," "should," "target," "when," "would," variations of such words and similar expressions are intended to identify such forward-looking statements. Forward-looking statements are subject to risks and uncertainties, many of which are difficult to predict and generally beyond our control, that could cause actual results to differ materially from those expressed, projected or implied in or by the forward-looking statements. Such risks and uncertainties include: fluctuations in domestic or foreign vehicle production, the continued use by original equipment manufacturers of outside suppliers, fluctuations in demand for vehicles containing our products, changes in general economic conditions, as well as other risks noted in reports

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that we file with the Securities and Exchange Commission, including the Risk Factors identified in our most recently filed Annual Report on Form 10-K. We do not undertake any obligation to update or announce publicly any updates to or revision to any of the forward-looking statements.

**PR contact:**

Michelle Collins

Phone: 1-248-754-0449

Email: [mediacontact@borgwarner.com](mailto:mediacontact@borgwarner.com)