

Press and IR Release

Schaeffler helps commercial vehicles go electric

HERZOGENAURACH, 2021-03-26.

- New volume production orders for electric motors and hybrid modules for trucks highlight success of electric mobility strategy
- Schaeffler also helping its commercial vehicle customers meet CO₂ and pollution reduction targets through electrification
- Matthias Zink: "We are bringing our considerable systems expertise in the field of commercial vehicles for shaping how the world moves."

Automotive and industrial supplier Schaeffler is expanding its range of powertrain electrification solutions for commercial vehicles, making another key contribution to meeting climate and sustainability targets amid a global tightening of pollution and CO₂ restrictions. "The commercial vehicle sector is facing major challenges," says Matthias Zink, CEO Automotive Technologies at Schaeffler AG. "We are bringing our considerable systems expertise in the field of commercial vehicles for shaping how the world moves. The fact that we won two major contracts recently shows that we are on track to being a preferred technology partner for our customers in this sector."

Nominations for electric motors and hybrid modules

Schaeffler has secured a volume production order to supply electric motors to a key manufacturer in the commercial vehicle sector, starting in 2023. The 800 V motor, used in pairs in battery-powered vehicles, delivers a maximum continuous output of 180 kW and generates a maximum torque of 950 Nm. It also features rod wave winding technology, an innovation that makes installation less complex and increases power density. The motor plays an important role in the electrification of commercial vehicles and thus contributes to a marked reduction in CO₂ emissions.

Schaeffler has also secured a volume production order for hybrid modules. Featuring the highly efficient P1 architecture, these modules enable the recovery of braking energy. The energy recovered is then used to power on-board systems, especially new exhaust gas treatment systems, thereby helping vehicle fleets to meet NO_x and CO₂ reduction targets. The start of production is scheduled for 2024.

Dr. Jochen Schröder, President of the E-Mobility business division, says: "We have positioned our electric mobility business very effectively. Schaeffler offers solutions for all powertrain electrification options, from 48 V hybrid to plug-in hybrid to full electric. All development and production of our components and systems can take

place in-house, which puts us in an ideal position to partner our customers in these diverse markets.”

Schaeffler drives responsibility

For the Schaeffler Group, sustainable success in business means being environmentally and socially responsible. Sustainability is a driving factor in the ongoing development of the global automotive and industrial supplier’s corporate strategy. It is also a fundamental part of the Roadmap 2025 blueprint for strengthening the group’s ability to realize future opportunities.

You can find a press photo of Matthias Zink here:

https://www.schaeffler.com/content.schaeffler.com/en/company/executive_board/executive_board.jsp

Schaeffler Group – We pioneer motion The Schaeffler Group has been driving forward groundbreaking inventions and developments in the field of motion technology for over 75 years. With innovative technologies, products, and services for electric mobility, CO₂-efficient drives, chassis solutions, Industry 4.0, digitalization, and renewable energies, the company is a reliable partner for making motion more efficient, intelligent, and sustainable – over the entire life cycle. The motion technology company manufactures high-precision components and systems for drive train and chassis applications as well as rolling and plain bearing solutions for a large number of industrial applications. The Schaeffler Group generated sales of EUR 15.8 billion in 2022. With around 84,000 employees, the Schaeffler Group is one of the world’s largest family-owned companies. With more than 1,250 patent applications in 2022, Schaeffler is Germany’s fourth most innovative company according to the DPMA (German Patent and Trademark Office).

The electric motor delivers a maximum continuous output of 180 kW and generates up to 950 Nm of torque.

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The hybrid module enable the recovery of braking energy.

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