



## **pepper announces series electrification of the Mercedes-Benz Actros MP5 truck**

**Denkendorf, 08.09.2022** – pepper motion GmbH announces that the electrified Mercedes-Benz Actros MP5 will be available from 2023 in series quality. The company is expanding its product portfolio and, alongside the Actros MP3, is also offering fleet managers the conversion of the tractor unit launched in 2019 as an 18t 4x2 (lowliner, low frame or standard frame). Core target markets are Germany, Austria, France, Italy, and Poland.

The electrified, payload-optimized truck is ideally suited to transporting freight, such as in round trips or factory traffic, and reliably handles day journeys with interim charging. The first vehicles will receive four battery packs with a total of 240 kWh and thus have a range of around 250 km.

The Mercedes-Benz Actros MP3 model offered for conversion by pepper has been demonstrating its robustness and reliability to customers ever since 2021.

### **Number of units planned, price and availability**

pepper plans to produce around 50 converted Actros tractor units in its 2023 series production ramp-up and around 2,500 vehicles by 2030. In terms of price, the converted truck ranges from 270,000 to 290,000 Euros and is eligible for funding in line with the German Federal Ministry of Digital Affairs and Transport's funding directive. Leasing, hire purchase and as-a-service financing options are also offered. If no vehicle is available in the customer fleet for electrification, vehicles that have already been converted can be purchased from pepper directly. The Actros MP5 can be purchased immediately, with production scheduled to start in the second quarter of 2023.

### **Telematics services for efficient fleet management**

Telematics services provide fleet managers with essential support to optimize processes and reduce operating costs. For example, the Actros MP5 electrified by pepper has some innovative features that further advance the digitization of the transport sector. The first step involves making vehicle tracking, online diagnosis, and the capture of live data about the vehicle state possible, in addition to over-the-air software (OTA) updates.



## **Innovative technology for series-quality electrification**

As a manufacturer and developer, pepper electrifies its customers' own vehicles, provides conversion companies and OEMs with completeetrofit kits, or end customers with already converted vehicles. The award-winning, series-production-readyetrofit electrification kit includes all the components needed to convert a vehicle or for a new vehicle build. At the heart of the modular drive system is pepper's own vehicle control unit (VCU): The system software architecture for reliably controlling the entire vehicle complies with the automotive industry's highest standard for functional safety (ISO 26262).

## **Holistic solution for cost-effective decarbonization of vehicle fleets**

The rapid shift toward climate-friendly, zero-emission mobility increasingly demanded by governments and society poses major challenges to companies in the transport sector. One of pepper's own concepts assists customers with overcoming the complex challenges of transitioning to zero-emission fleets by providing them with an entire ecosystem. It includes solutions in different modules, such as supplying green electricity at competitive prices, the charging infrastructure needed at the customer depot, vehicles, and their operation (not including drivers), servicing and maintenance, as well as additional add-ons such as training and sustainability reports. As a result, existing vehicles and infrastructures can be retained and transformed in a risk-free manner.

pepper motion GmbH will be presenting its solutions for mobility of the future at the **IAA Transportation 2022** in Hanover in Hall 20, Booth A21.



## About pepper motion GmbH

pepper – electrifying transportation!

As the first digital OEM worldwide (without its own warehousing and manufacturing), pepper offers innovative solutions for the electrification (retrofitting) of used and new commercial vehicles. With its holistic approach to telematics, charging infrastructure, and fleet management, the company designs quickly implementable and cost-efficient solution packages for a sustainable mobility transformation.

By retrofitting existing commercial vehicles with certified retrofit kits for buses and trucks, vehicles are given an environmentally friendly "second life" and therefore enable the most sustainable form of mobility, both ecologically and economically, making an active contribution to reducing emissions in transport and implementing the Clean Vehicles Directive.

pepper is ISO 9001 certified and as such is the only supplier of conversion solutions to ensure operational safety according to international automotive industry standards such as ISO 26262 for functional safety. A network of international partners guarantees service and availability across Europe.

pepper motion GmbH with headquarters in Denkendorf and offices in Garching near Munich and Paderborn employs more than 100 people. The subsidiary pepper motion Austria GmbH, based in Vienna, is the pepper Group's software development center. pepper is represented with further sales partners in Italy, France, and Poland.

More information: [www.peppermotion.com](http://www.peppermotion.com)

### **Press contact:**

360°communications GmbH

E-mail: [peppermotion@360communications.de](mailto:peppermotion@360communications.de)

Phone: +49 89 5436994 00