

Press Release

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MAHLE Powertrain opens dedicated battery development, testing and prototyping center in Europe

- New battery development center in Stuttgart aimed at European clients
- State-of-the-art facilities support all aspects from initial prototyping to small-scale production
- Complements the company's recently-opened vehicle and battery development centre in Northampton, UK

MAHLE Powertrain, the specialist engineering services provider, has opened a new state-of-the-art battery development center in Stuttgart, Germany, specifically to cater for the needs of its European clients. The facility spans over 1,300 m² and it can accommodate all aspects of battery development, from initial prototyping through to small-scale production, with a breadth of capability that covers applications from small e-bikes to large electric trucks. The new facility follows the creation of a vehicle and battery development center at the company's Northampton site, which opened last year.



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“In response to growing demand for our expertise in the design, development, testing and optimisation of batteries for electric vehicles, we're delighted to be opening another new facility to support our clients within the European automotive industry,” said Simon Reader, MAHLE Powertrain's Managing Director. “The center is up and running having completed a number of projects for OEM partners. We have designed the facility with future expansion in mind, with additional services and increased capacity already in the planning stages.”

The facility comprises a fully-featured prototype shop that includes a state-of-the-art dual-robot laser welding station capable of handling active HV battery modules.

A comprehensive test department, capable of testing low- and high-voltage packs up to a maximum of 1200V, 2000A, or 550kW, incorporates two climatic chambers that operate from -40°C to +90°C for a full scope of ageing, electrical and thermal tests. The facility can also replicate simulated driving cycles in harsh environments, while self-extinguishing workbenches and water drop tanks maintain the highest standards of safety.

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About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry with customers in both passenger car and commercial vehicle sectors. Founded in 1920, the technology group is working on the climate-neutral mobility of tomorrow, with a focus on the strategic areas of electrification and thermal management as well as further technology fields to reduce CO₂ emissions, such as fuel cells or highly efficient combustion engines that also run on hydrogen or synthetic fuels. Today, one in every two vehicles globally is equipped with MAHLE components.

MAHLE generated sales of more than EUR 12 billion in 2022. The company is represented with approx. 72,000 employees at 152 production locations and 12 major research and development centres in more than 30 countries (as of 31.12.2022).

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About MAHLE Powertrain

MAHLE Powertrain is a specialist in providing engineering services for the design, development and integration of advanced internal combustion engines and electrified powertrain systems. As a recognised expert in these fields, MAHLE Powertrain is engaged in the extensive research, development and application of new traditional and advanced drivelines into cost-effective, production feasible solutions for enhanced efficiency, improved fuel economy and lower emissions.

As a services subsidiary of the MAHLE Group, MAHLE Powertrain has six technical centres strategically located in the UK, Germany, USA, and China with approx. 400 employees in total and is well-placed to provide solutions around the globe. It operates independently of the main group when considering choice of components or technologies.