

Press release

Stuttgart, September 1, 2026

Powerful propulsion solutions by MAHLE also power the maritime industry

- MAHLE showcases components for efficient and reliable marine propulsion systems at SMM 2026
- Technology group is the market leader in pistons for high-speed ferries and a trusted partner to leading engine manufacturers
- Leveraging its extensive expertise and strong market position, MAHLE continues to expand its presence in the global maritime industry

With decades of experience in the development and manufacturing of key components for marine propulsion systems, MAHLE will showcase its expertise in efficient and reliable maritime propulsion solutions at this year's SMM (Shipbuilding, Machinery & Marine Technology) in Hamburg. As the market leader in pistons for high-speed ferries and a well-established partner to leading engine manufacturers worldwide, the company will present a Power Cell Unit (PCU) and a large-bore piston for marine engines. SMM will take place in Hamburg from September 1 to 4, 2026, and is one of the most important international meeting points for the maritime industry. MAHLE will be exhibiting in Hall A3, Booth 222.

The Power Cell Unit (PCU) on display at SMM is used in ferries, work boats, and power generation systems on large ships. It consists of a piston, piston pin, piston rings, and cylinder liner and converts fuel into electrical energy and. Thanks to the optimal interaction of these components, the PCU delivers an exceptionally high level of functionality and efficiency.

As another highlight at its exhibition stand, MAHLE will showcase a large-bore piston for marine engines. It is more than half a meter (65 cm) in height, 51 centimeters in diameter, and weighing around 300 kilograms, and is a component of a Power Cell Unit. It is also the largest serial-production marine piston in the portfolio of MAHLE. As the world's largest piston manufacturer, MAHLE offers a broad range of solutions, including cast and electron-beam welded aluminum pistons as well as composite pistons with aluminum, cast iron, or steel skirts.

MAHLE works closely with leading manufacturers in the maritime, rail, industrial, and power generation sectors to further develop components and systems for modern, efficient propulsion solutions.

Maritime applications are an important part of the industrial business of MAHLE. By consolidating its activities within the new Industrial and Special Solutions division, the company is strengthening its customer focus and accelerating the development of tailored solutions. The close integration of sales, engineering, and operational functions also enables more efficient use of existing capacities and resources.

Note for editors: This press release and the accompanying photo material can be found at <https://newsroom.mahle.com/press/en/>.

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The Power Cell Unit manages the flow of power to optimize efficiency, stability, and reliability



The large-bore marine piston serves as a critical element within the engine's combustion chamber of a ship



MAHLE is market leader in pistons for high-speed ferries

Contact persons for MAHLE communications:

Kerstin Lau

Head of Media Relations

Phone: +49 173 6180 956

E-mail: kerstin.cynthia.lau@mahle.com

Elena Barth

Press Officer

Phone.: +49 151 10888491

E-mail: elena.barth@mahle.com

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 technologies to reduce carbon emissions, such as fuel cells or highly efficient, clean combustion engines that also run on synthetic fuels, renewable fuels or hydrogen.

MAHLE generated sales of €11.3 billion in 2025. Employing some 64,000 people at 127 production locations and 11 technology centers, the company is represented in 28 countries. (as at: 12/31/2025)

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