

Media Release

Voith Turbo

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Strategic partnership: Voith and Mehrer drive marketing and product development in hydrogen gas sector

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- Leading manufacturer of oil-free compressors enters partnership with Voith
- Project focuses on development, manufacturing and marketing of compressors for hydrogen applications
- Voith secures access to technology and contributes its expertise from the oil and gas industry

HEIDENHEIM, GERMANY. Mehrer Compression GmbH, a Balingen, Baden-Württemberg-based specialist in products for compressing process gases, and Heidenheim-based technology group Voith are combining their expertise. Together, they aim to advance sustainable technologies for reducing CO₂ emissions. Their focus will be on developing, manufacturing and marketing more environmentally friendly and sustainable compressors for hydrogen (H₂) applications.

The family-run business Mehrer, a so-called hidden champion when it comes to oil-free compression, brings more than 130 years of know-how to this cooperation. The roots of the Voith family-owned business, which was founded in 1867 and has extensive oil and gas experience in markets around the globe, go back even further. Voith will contribute its extensive knowledge in the scale-up and industrial-scale manufacturing of solutions.

For years, the topics of sustainability and CO₂ reduction at various levels have been integral parts of Voith's corporate culture. This is reflected in, among other things, the development of a ready-to-install plug & drive H₂ storage system for heavy-duty vehicles. The installed tanks have been approved for use on European roads since December 2023. Voith is currently entering into a joint venture with the Chinese automotive supplier Weifu High-Technology Group to market the technology.

In the field of hydrogen compression, Voith has now identified several fields of application for the future. The focus of development is on solutions for pipeline compression, trailer filling and filling station infrastructure. With its in-house hydraulic systems, Voith has in-depth drive know-how in the field of hydraulic hydrogen compression. The focus of the cooperation with Mehrer will be on the development of high-pressure H₂ solutions up to 900 bar to supplement the Voith portfolio with mechanical compressors for hydrogen applications.

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The expertise of the two companies will play a big part in enabling them to increase the efficiency and safety of hydrogen compression while improving the ecological footprint.

“The partnership with Mehrer Compression represents a significant step in our strategy to develop new, innovative and sustainable solutions for the industry,” explains Dr. Ralf Geßlein, CEO Voith Turbo Industry. “As a family business with over 150 years of history, we are passionate about developing technologies that support the transition to renewable energies and at the same time offer maximum efficiency.”

About Mehrer Compression

As a family-run company, Mehrer Compression GmbH has been setting standards in process gas compression for over 135 years and has extensive know-how in the handling of process gases. Mehrer is a leading manufacturer of oil-free reciprocating and diaphragm compressors. It is engaged in the innovative development and design as well as application-specific configuration of compressors, compressor installations and compressor systems. Administration, development, design and manufacturing are conducted at the company’s location in Balingen. Mehrer currently employs around 170 people at its home location at the foot of the Swabian Alb.

About the Voith Group

The Voith Group is a global technology company. With its broad portfolio of systems, products, services and digital applications, Voith sets standards in the markets of energy, paper, raw materials and transport & automotive. Founded in 1867, the company today has around 22,000 employees, sales of € 5.5 billion and locations in over 60 countries worldwide and is thus one of the larger family-owned companies in Europe.

The Group Division Voith Turbo is part of the Voith Group and a specialist for intelligent drive technology, systems as well as tailor-made services. With its innovative and smart products, Voith offers highest efficiency and reliability. Customers from highly diverse industries such as oil and gas,

energy, mining and mechanical engineering, ship technology, rail and commercial vehicles rely on the advanced technologies and digital applications of Voith.



Voith and Mehrer Compression engage in a strategic partnership for new developments in the field of hydrogen compression. Dr. Ralf Geßlein, CEO Voith Turbo Industry, and Jörg-Peter Mehrer, President Mehrer Compression GmbH, make the cooperation official at the Voith site in Crailsheim.

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