Trade fair presentation all about sustainable coupling technology

VOSS Fluid links *Hannover Messe* with trend technology hydrogen

**VOSS Fluid is dedicating its exhibition at the “Hannover Messe 2022” entirely to hydrogen as an energy carrier. Among other things, the focus will be on the high-density tube forming system VOSS *Lok 40,* which was recently certified for highly sensitive hydrogen applications. In addition, the range of services has been expanded to include efficient high-pressure valve components through the new partnership with HypTec GmbH. It is now being used in the electrolysis, transport and storage of hydrogen as well as in fuel cell systems. VOSS Fluid will be presenting these innovations and competencies to the public at the Hanover Fair (30.5.-2.6.).**

VOSS Fluid is already setting an example with the location of its exhibition space at the Hannover Fair: This year, the Wipperfürth-based company's booth is included in the "Hydrogen" hall. That makes VOSS Fluid part of Hydrogen + Fuel Cells EUROPE. This sub-exhibition is integrated into the Energy topic area of the Hannover Fair. The focus is on global challenges and new technologies in the fields of hydrogen, fuel cells and stationary batteries. The exhibition venue particularly highlights the manufacturer's new orientation as a development partner for hydrogen applications. By using ready-to-install lines in combination with the high-density tube forming system VOSS *Lok 40* and the new high-pressure valves, VOSS Fluid is able to provide complete hydrogen transport and storage systems.

**High-pressure valves complement hydrogen tank system**

Another important building block for the new field of application of the Wipperfürth-based fluid technology manufacturer is its partnership with HypTec GmbH. The Austrian company develops and sells hydrogen technologies. The focus here is on particularly sophisticated high-pressure valves. The USP: The valves are up to four times smaller and six times lighter than comparable models. In combination with the VOSS *Lok 40* contour, they create a high-density connection in hydrogen- and gas-based drive systems. The added value of these high-pressure valves will be demonstrated at the fair with the model of a hydrogen tank system in cooperation with the HRC Group. This is an assembly of VOSS *Lok 40* components and cables as well as the matching valves, sensors and compatible Tankboss.

**Fluid management for the entire hydrogen value chain**

VOSS Fluid is optimizing its product portfolio specifically for use in hydrogen-carrying applications. With the latest additions to the portfolio, the Germany-based company's components are already being used in many different applications. These include ready-to-install gas handling modules for electrolysis and the transport and storage of hydrogen in both mobile and stationary applications. VOSS *Lok40* and the new high-pressure valves are also used in ambient-operated fuel cell systems and ensure the supply of gaseous hydrogen. In the future, VOSS Fluid will continue to act as a development partner and will accompany many new projects with its hydrogen tank system.

At the Hannover Messe, VOSS Fluid will be highlighting its expertise in the field of hydrogen. Visitors are cordially invited to attend the technical presentation by Head of Unit Dr. Hans-Christian Früh on “Fluid management for the entire hydrogen value chain". It will be held on Wednesday, June 1, at 10:30 a.m. in the Technical Forum in Hall 13.

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Caption: This year, VOSS Fluid is part of Hydrogen + Fuel Cells EUROPE, which deals with global challenges and new technologies in the field of hydrogen, among others.

About VOSS Fluid GmbH

VOSS Fluid GmbH is a leading international supplier of fluid technology and fluid management along the hydrogen value chain. The company is headquartered in Wipperfürth and is part of VOSS Holding. The product portfolio includes pre-assembled tube geometries, ready-made hose lines, tube and flange couplings, hose fittings as well as useful accessories for stationary and mobile hydraulics and hydrogen applications. For VOSS Fluid, as a development and system partner in international mechanical engineering, the focus is on application-specific system solutions. VOSS Fluid offers customers everything from one, single source: From project planning and engineering to production, assembly, and cost-effective logistics services. With four sales companies in Europe and Asia as well as other branches of the VOSS Group and a worldwide dealer network, VOSS Fluid ensures the reliable distribution of its system solutions at all times.

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