Hydrogen and gas applications:

High pressure valves complement tube connection system

VOSS Fluid and HypTec enter a

“Partnership at eye level”

**For the latest generation of hydrogen applications: VOSS Fluid has acquired a majority stake in the Austrian company HypTec GmbH. Through the merger, the manufacturer of modern tube connection systems expands its portfolio with efficient high-pressure valve components for hydrogen applications and fluid gas transport. In combination with the proven VOSS *Lok 40* tube forming system, the two partners are pooling synergies to create leak-proof connections for corresponding drive systems. The activities in this area are strategically combined in the "Fluid Transport & Storage” market.**

Innovation partner and valve technology for a green future: this is the motto under which HypTec GmbH, founded in 2010, develops and markets hydrogen and natural gas technology. The Austrian company's portfolio includes container valves, pressure control units, non-return valves and end plug units (EPU). One USP: The valves are used in the high-pressure range, but are up to four times smaller and six times lighter than comparable models. The result is nearly silent operation with lower energy consumption. The advanced container valve unfolds its full potential in combination with the VOSS*Lok**40* tube forming system, which reveals its strengths particularly in the areas of tightness, ease of assembly and great cost-effectiveness. The advanced valves fit perfectly on the VOSS *Lok 40*contour, creating a highly leak-proof connection in hydrogen and gas-based propulsion systems - especially for the high-pressure range of up to 700 bar.

**Expertise grows together**

HypTec has made a name for itself as a leading market companion, especially with its state-of-the-art test center for hydraulic and pneumatic testing. Among other things, hydrogen tanks are tested there for well-known companies from all over Europe. For a long time, this center was the mainstay of HypTec GmbH. Through the new partnership with VOSS Fluid, the valves are now moving more into the foreground. These valves score primarily with their compact design based on the highest engineering skills. In the meantime, the portfolio covers all valves from the tank to the fuel cell. The merger of VOSS Fluid and HypTec results in systems for hydrogen applications as well as for fluid gas transport thanks to the highly complementary product solutions.

**Combining strengths with focus on hydrogen and beyond**

VOSS Fluid and HypTec are an ideal match in their efforts to advance hydrogen technology. These competencies come together in the new "Fluid Transport & Storage” business unit. 'But for Christian Mertens, Managing Director of VOSS Fluid, the interpersonal factor was also decisive for the cooperation: "With HypTec, we have gained a technologically leading, highly innovative supplier of hydrogen high-pressure valve components and testing as a partner at eye level. This relationship is important to us, because with the merger the competencies of both sides grow together and complement each other perfectly. This expands our product portfolio and significantly improves our opportunities in this dynamically developing market. And last but not least, the chemistry is simply right - also because it's an excellent human match.

"The greatly increased innovative strength resulting from the collaboration is expected to establish the two companies as bench-mark partners in a market that is set to grow enormously in the future. Thomas Höller, Managing Director of HypTec GmbH sums up: "This merger creates an innovative, globally active company that puts hydrogen technology at the center of its efforts as the basis of future mobility and energy supply to achieve our climate goals as one of its strategic objectives. We are combining strengths such as innovation, flexibility, reliability and global market support to further ensure the success of our customers."

**Scope:** 4,058 characters including spaces

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Automatisch generierte Beschreibung

Caption: After *signing the contract: (from left)**Christian Mertens (CEO/Managing Director VOSS Fluid GmbH), Thomas Höller (CEO/Managing Director HypTec GmbH) and Carsten Beissel (CFO/Managing Director VOSS Automotive GmbH).*

About VOSS Fluid GmbH

VOSS Fluid GmbH is a leading international provider of fluid technology. The company is headquartered in Wipperfürth and is part of VOSS Holding. The product range covers pre-assembled tube geometries, prefabricated hose lines, tube and flange couplings, hose fittings along with useful accessories for stationary and mobile hydraulics. 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 of its own sales companies in Europe and Asia as well as further representatives of the VOSS Group and a global network of traders, VOSS Fluid can guarantee the reliable distribution of its system solutions at all times.

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