

- VALVES AND COMPONENTS FOR GAS INDUSTRY
- CRYOGENIC AND HIGH-PRESSURE ENGINEERING
- AEROSPACE, MARINE AND ENERGY INDUSTRY



OVERVIEW | PRINCIPLES | HISTORY

OVERVIEW

STÖHR ARMATUREN was founded in 1938 under the name F.X. STÖHR Armaturenwerke KG. Since the 1960s we've specialised in the development and manufacturing of valves for gases in liquid and gaseous state. We predominantly work for the gas industry, aerospace, marine technology, energy technology and chemical industries, and in the field of science and research. Our long-standing customers include well-known companies and research institutes worldwide.

Our product range of standardised ambient and cryogenic fittings in sizes from DN4 to DN300 include high-precision control valves, shut-off valves, check and blow-off valves and filters for installation in valve boxes, in vacuum-insulated housings or in conventional pipelines. Body types with housings in straight or angle shape are made of high-grade or special stainless steel and sealed with bellows.

Our products are designed for extremes. Cryogenic temperatures of down to 2 K or below for processing liquid helium, high pressure levels of up to 1,000 bar, high leak tightness to the atmosphere, compatibility with high media requirements, and short opening and closing times are all examples of the demands handled by STÖHR ARMATUREN products.

In addition to the manufacture of our products, we offer services such as valve maintenance, valve repair, spare parts management and technical training for our customers.

As a manufacturer of high-performance valves and cryogenic equipment, we have become experts in the field of valve technology – in particular, cryogenic technology in conjunction with vacuum technology and media compatibility.

STÖHR ARMATUREN is certified according to ISO 9001: 2015 and quality-oriented in all areas.

PRINCIPLES AND GUIDELINES

STÖHR ARMATUREN adheres to the United Nations Global Compact and to the OECD Guidelines (Organisation for Economic Co-operation and Development).

Sustainability is important to us in both our day-to-day business and the long-term running of the company. STÖHR employees and management work together according to the following principles:

Products

We aim to produce products that meet the highest technical and quality requirements.

High levels of expertise, diligence and accuracy in our work enable us to manufacture the highest quality products, which position us to be a world leader in our market.

Employees

We want to attract and retain highly motivated employees who will work at STÖHR ARMATUREN for many years. We treat all employees as equal, regardless of gender, sexuality, skin colour, age, ethnicity, or religion. We cooperate respectfully and appreciatively.

The health and safety of our employees while at work is our highest concern. For this purpose, we comply with the legal protection regulations, pay attention to a secure company equipment and monitor compliance with occupational safety requirements.

Customers, sales representatives and suppliers

We work closely with our customers to ensure our products meet their expectations, and that they can use our products without the need for modifications. Our products are designed to meet and exceed the requirements for long life in operation, low maintenance and unrestricted availability.

We work confidently and fairly with our sales partners abroad to open up these markets and aim to fulfill or exceed the expectations set by our partners.

Our relationship with our suppliers, service providers and other business partners is based on fairness and trust. The quality of the products they supply is essential for the quality of our products.

Compliance

Safety comes first at STÖHR ARMATUREN. We comply with all applicable standards and regulations for the safety of our products in operation, to protect our customers, their systems and their operators.

We comply with all environmental regulations to reduce our impact on the planet from the production of our products.

We adhere to the rules and laws for fair competition, and pay attention to customs and export regulations when shipping our products overseas

COMPANY HISTORY

1938: Franz Xaver Stöhr founds his family business F. X. STÖHR Armaturenwerke KG in Augsburg. During its first decade, the company focused on development and production of oxy-fuel welding and cutting tools, air rifles and milk metering pumps.

1947: In cooperation with Linde, the company starts the development of cryogenic valves for liquid gases. Development and support of this technology has been a mainstay of the company since then.

1960: Construction of stainless-steel valves and the development and production of valves with bellows for safe sealing to outside is introduced. Due to its high safety and quality standards, the F. X. STÖHR company becomes a significant and reliable partner for the gas industry. As a result, the company is defined by the expansion of innovative product offerings for operators and designers of nuclear plants, submarines and shipyards, as well as for the emerging European space technology industry.

1970: In-depth knowledge in cryogenic valve technology enables the company to design and manufacture the first cryostats and systems for cryogenic media in the field of science and research, according to customer requirements.

1980: Franz Xaver Stöhr transfers the management of the company to his two children.

1985: The intensive, worldwide supply of cryogenic equipment to science and research customers for use with liquid helium begins. Early deliveries include parts for the particle accelerator DESY in Hamburg, and for the LHC storage ring at CERN, and orders for the development of valves for engine test benches to former ERNO in Bremen follow. Towards the end of the 1980s, valves for the engine test benches of the Ariane 5 rocket engines are delivered to Lampoldshausen and Vernon.

2002: The company relocates to a new industrial site in Königsbrunn, south of Augsburg. Renamed STÖHR ARMATUREN GmbH & Co KG, the company changes its sourcing concept to concentrate on the design, assembly and testing of its high-quality fittings, and begins outsourcing its parts production to a large network of high-performance suppliers for machining and services in the region.

2012: Detlef Heydt and Joachim Rödiger take over as managing partners. Under their leadership, the company develops further to become a leading manufacturer of valves for gases for the cryogenic sector, strengthening product development and internationalisation to reflect the extreme demands of its customers around the world.

2022: Since 2022, the company has been part of the Flowforming business unit of the Winkelmann Group based in Ahlen.



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