

Media release

Schaffhausen
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Connections for life

GF Piping Systems will show digital and sustainable solutions at ACHEMA 2022

As the leading provider of flow solutions, GF Piping Systems will present its innovations providing operational safety in process automation, industrial water 4.0, and special applications like IR PVC-U welding at ACHEMA, the world's leading trade fair for the international process industry, from 22 to 26 August.

Conserving precious resources has become even more important in the current situation. On the way to a more sustainable future, modern technologies that enable better monitoring, control, and transparency in the use of resources are therefore also required in the process and chemical industry.

Under the ACHEMA motto "Inspiring Sustainable Connections," GF Piping Systems presents "Connections for life" in Frankfurt, a. M., Germany, focusing on intelligent automated piping systems for the safe and sustainable transport of chemicals, water, and other media.

Process automation – for sustainable use of resources

Process automation plays an important role because industrial companies, in particular, depend on sustainable and modern solutions to remain fit for the future. To address this topic, GF Piping Systems will present, among other things, the Ball Valve 543 Pro, which - equipped with a new pneumatic actuator type PPA and the electro-pneumatic positioner - is made entirely of plastic. It is therefore maintenance-free and has a service life corresponding to the entire piping system. The 3-way ball valve covers a wide range of applications for every need.

The first industrial butterfly valve with an environmental product declaration will also be displayed. With the plastic Butterfly Valve 565, introduced in 2021, the company has already set the bar high in terms of high performance plastic butterfly valves. The pressure and temperature boundaries are close to the conventional solutions in the market. Furthermore, an easy exchange of existing metal valves is possible, the same installation length is given. With lower maintenance costs, because of no corrosion and less abrasion, the plastic butterfly valve has a big advantage against the metal products in the market. In addition to sustainability, technical advantages and cost-effectiveness, GF Piping Systems has opted for modularity. Customers can choose between electric and pneumatic actuators, for example, or select the smart actuator that can be controlled and monitored remotely. In addition, a unique sensor solution for position feedback can be connected, resulting in additional functionalities.

Further solutions increasing sustainability

Handling hazardous media requires actions in the plant design to protect our environment, employees' health and safety. GF Piping Systems will also present its double containment systems CONTAIN-IT Plus. The plastic system is corrosion-free, UV- and weather-resistant, has good chemical resistance, and a smooth internal surface. Its low weight allows easy handling. Double containment systems are essential for all market segments where unexpected leakages can damage the environment, health, safety, and quality.

With IR PVC-U, the world's first infrared-welded PVC-U piping system will also be on display. It enables a reliable adhesive-free connection in a machine-controlled process.

In addition, GF Piping Systems will address special applications and present the non-destructive testing of pipe connections using ultrasound and virtual reality training methods - services with which customers can ensure the highest possible quality.

Jens Frisenborg, Head of Business Unit Industry & Utility, GF Piping Systems, sees ACHEMA 2022 as an important platform for the process industry: "We rely on plastic as a sustainable and at the same time highly efficient material for our flow solutions, regardless of whether it involves transporting chemicals, gas, or water. At the ACHEMA, we want to show how modern materials combined with innovative technologies create sustainable connections for life."

[Find out more about GF Piping Systems at ACHEMA 2022.](#)

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About GF Piping Systems

As the leading flow solutions provider for the safe and sustainable transport of fluids, GF Piping Systems creates connections for life. The division focuses on industry-leading leak-free piping solutions for numerous demanding end-market segments. Its strong focus on customer-centricity and innovation is reflected by its global sales, service, and manufacturing footprint and its award-winning portfolio, including fittings, valves, pipes, automation, fabrication, and jointing technologies.

GF Piping Systems has its own sales companies in 31 countries, which means it is always by its customers' side. Production sites in 36 locations in America, Europe, and Asia ensure sufficient availability and quick, reliable delivery. In 2021, GF Piping Systems generated sales of CHF 1'971 million and employed 7'686 people. GF Piping Systems is a division of Georg Fischer AG, founded in 1802 and headquartered in Schaffhausen, Switzerland.

www.gfps.com

Pictures

	All in one solution. The Electro-pneumatic Positioner was tuned and tested with the Pneumatic Actuator and the Ball Valve 546 Pro / 543 Pro. Source: GF Piping Systems
	The corrosion-free, lightweight and highly reliable Butterfly Valve 565 with modular process automation options. Source: GF Piping Systems

 A woman with long blonde hair, wearing a dark long-sleeved shirt, is operating a specialized machine for IR PVC-U welding technology. The machine is black and silver with a blue component. She is adjusting a part of the machine with her right hand.	IR PVC-U welding technology Quelle: GF Piping Systems
 A man wearing a VR headset and a grey jacket is engaged in VR installation training. He is holding a white controller in his right hand and a small white object in his left hand. In the background, there is a poster with the text "MULTI-JOINT™ 3000 Plus" and a QR code.	VR installation training at GF Piping Systems Quelle: GF Piping Systems