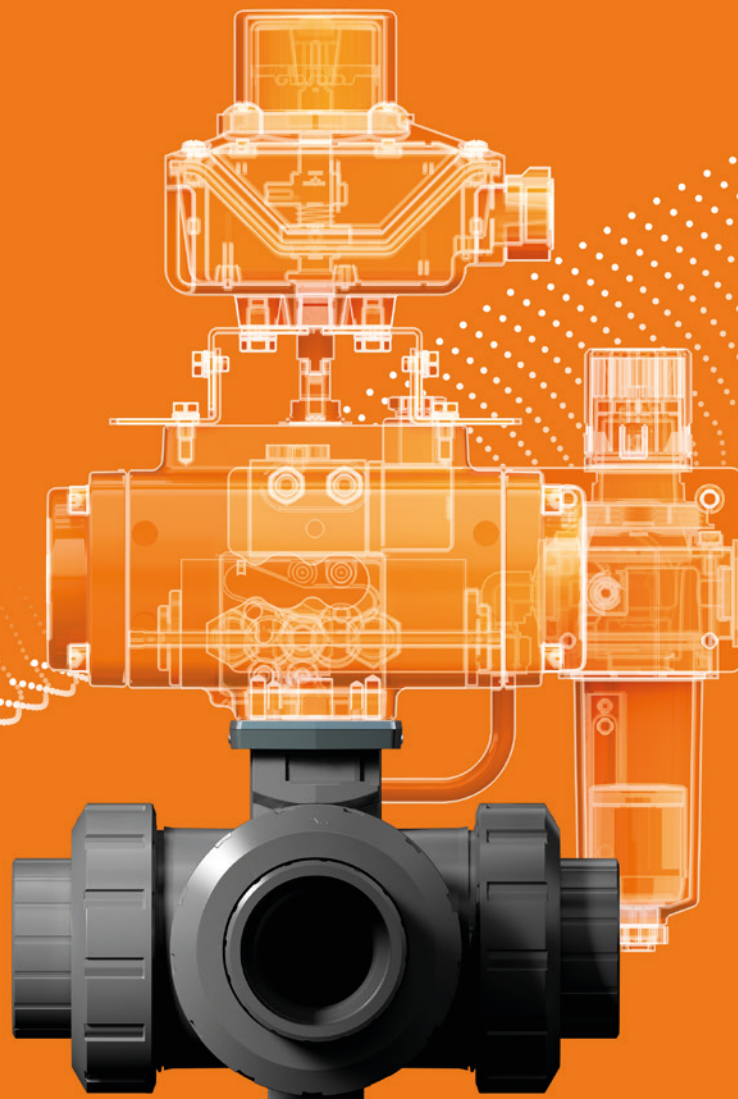


Anything is possible

Valve Automation Solutions



Valve Automation Centers

Possibility begins here

Delivering customized Valve Automation Solutions for application-specific challenges. Combining any brand, type, and material to meet individual requirements and specifications.

Our Valve Automation Centers provide engineered-to-spec solutions for industries including water and chemical processing. Our experts support material selection, valve and actuator sizing, and offer technical assistance after installation to ensure reliable, efficient, and safe operation.

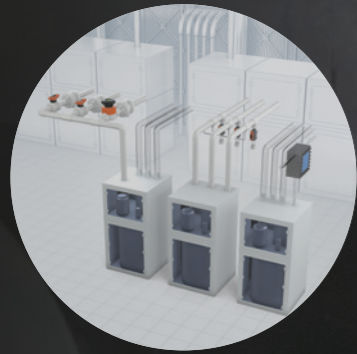
We are a trusted partner for manual and actuated valves, measurement and jointing solutions, and a wide range of materials. We also automate systems by integrating third-party valve and actuation products to meet your exact specifications, ensuring optimal performance and long-term reliability.





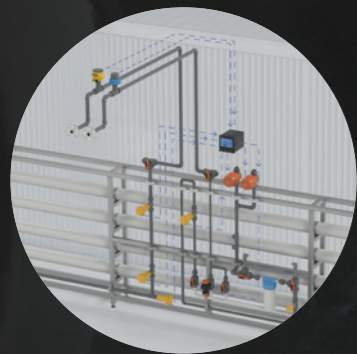
Media filtration

Customized Valve Automation Solutions optimize media filtration with precise control, automated backwash, and seamless integration. Engineered to your needs, they boost efficiency, reduce energy use, and support reliable, consistent system performance.



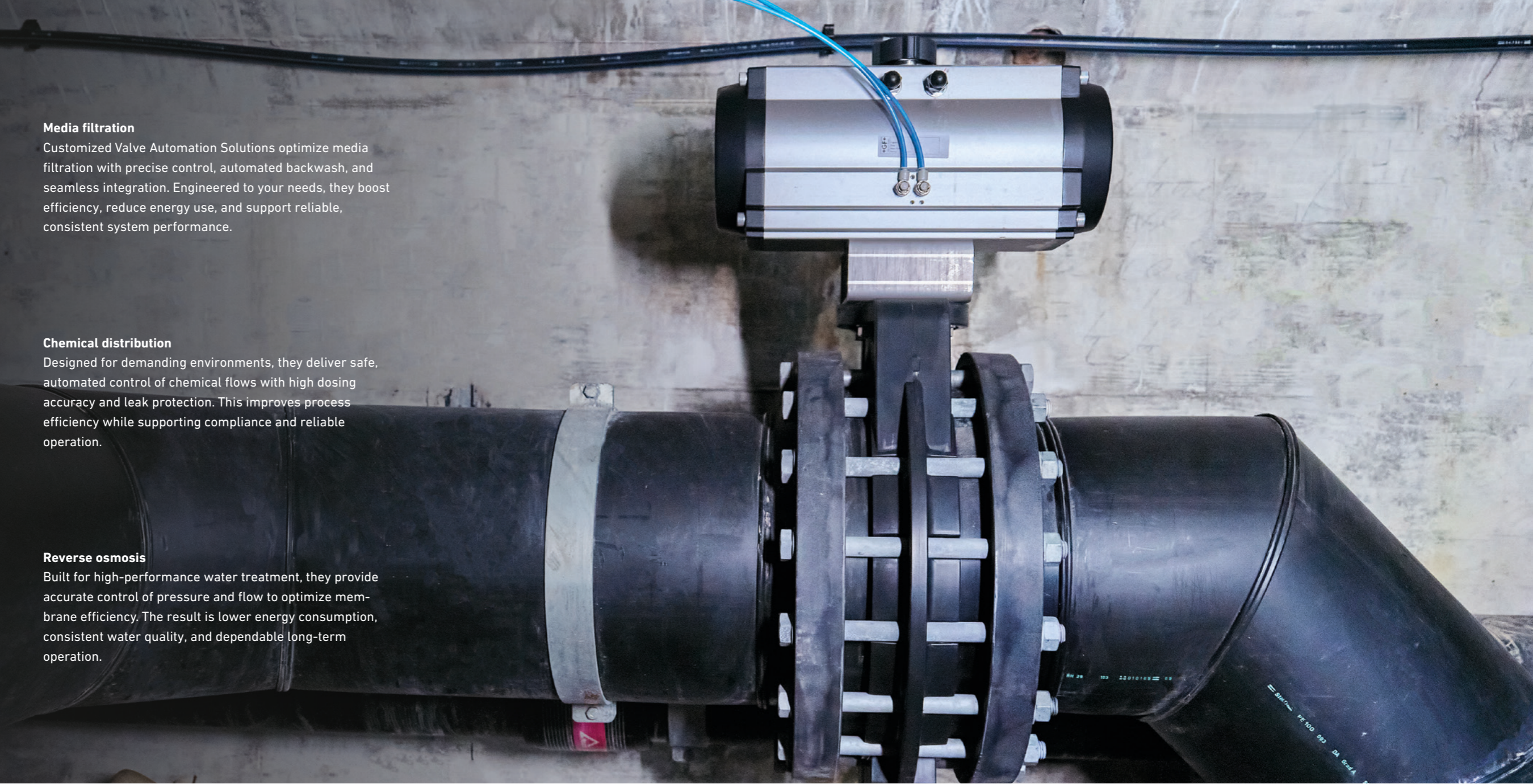
Chemical distribution

Designed for demanding environments, they deliver safe, automated control of chemical flows with high dosing accuracy and leak protection. This improves process efficiency while supporting compliance and reliable operation.



Reverse osmosis

Built for high-performance water treatment, they provide accurate control of pressure and flow to optimize membrane efficiency. The result is lower energy consumption, consistent water quality, and dependable long-term operation.



Proven solutions across industries

Valve Automation Solutions for water and chemical applications

Our Valve Automation Solutions deliver reliable, precise flow control for water and chemical applications. Whether in desalination, water treatment, distribution networks, or the safe handling of chemicals, each solution is built to meet the specific needs of the process.

By combining durable, corrosion-resistant materials with tailored actuation and seamless system integration, our solutions support smooth operation in demanding environments. They adapt to different media, pressures, and conditions, making process control simpler and more efficient.

Tailored solutions

Solving your automation challenges



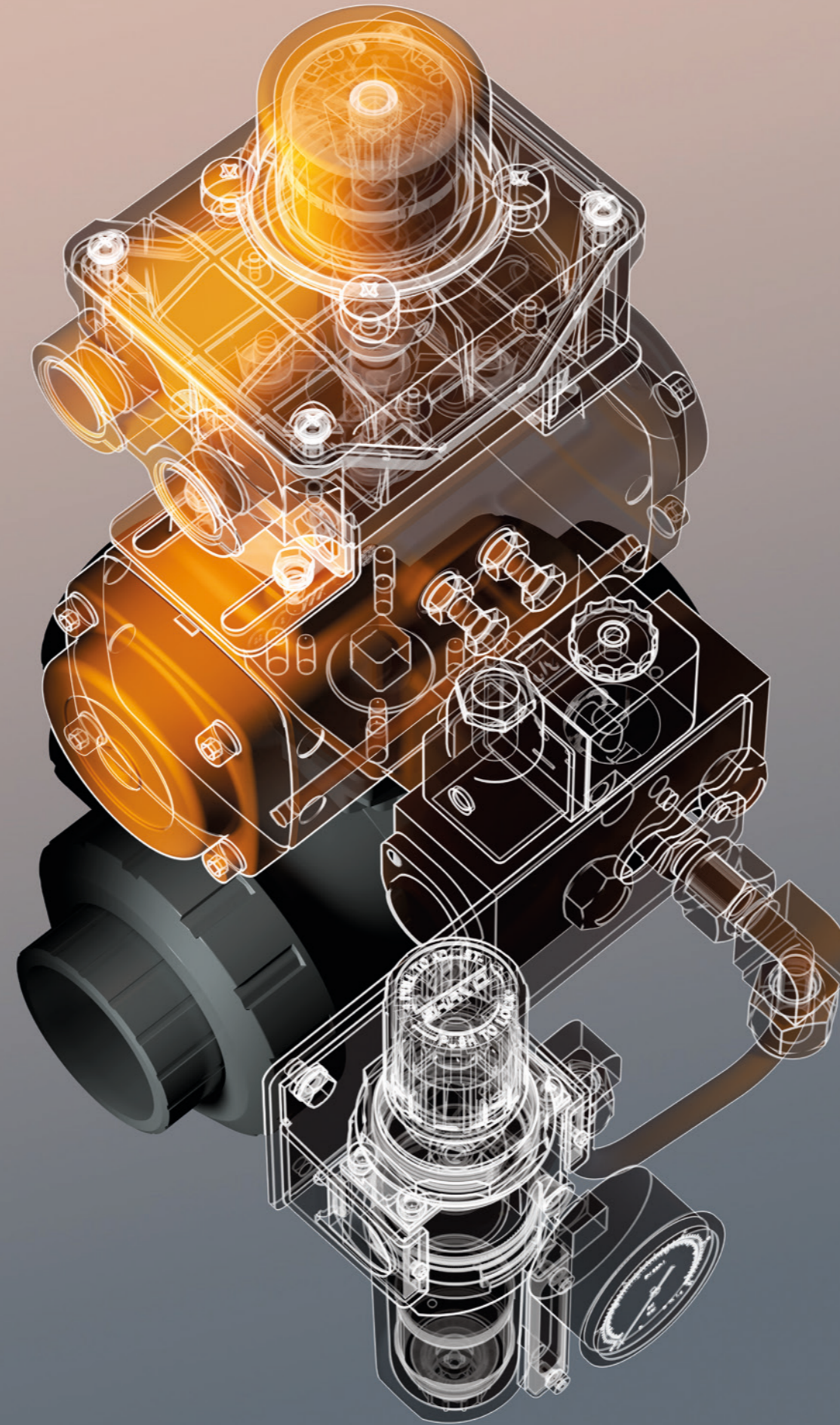
Engineering Expertise

You benefit from in-house engineering expertise that supports component sizing and selection based on your application requirements.



Certified & Compliant Quality

Close collaboration with leading manufacturers enables bespoke assemblies, detailed drawings, relevant certifications, and documented functional testing.



Lower Costs & Less Stock

Valve automation packages simplify purchasing and logistics, reduce internal workload, and provide a single point of coordination for delivery and performance.



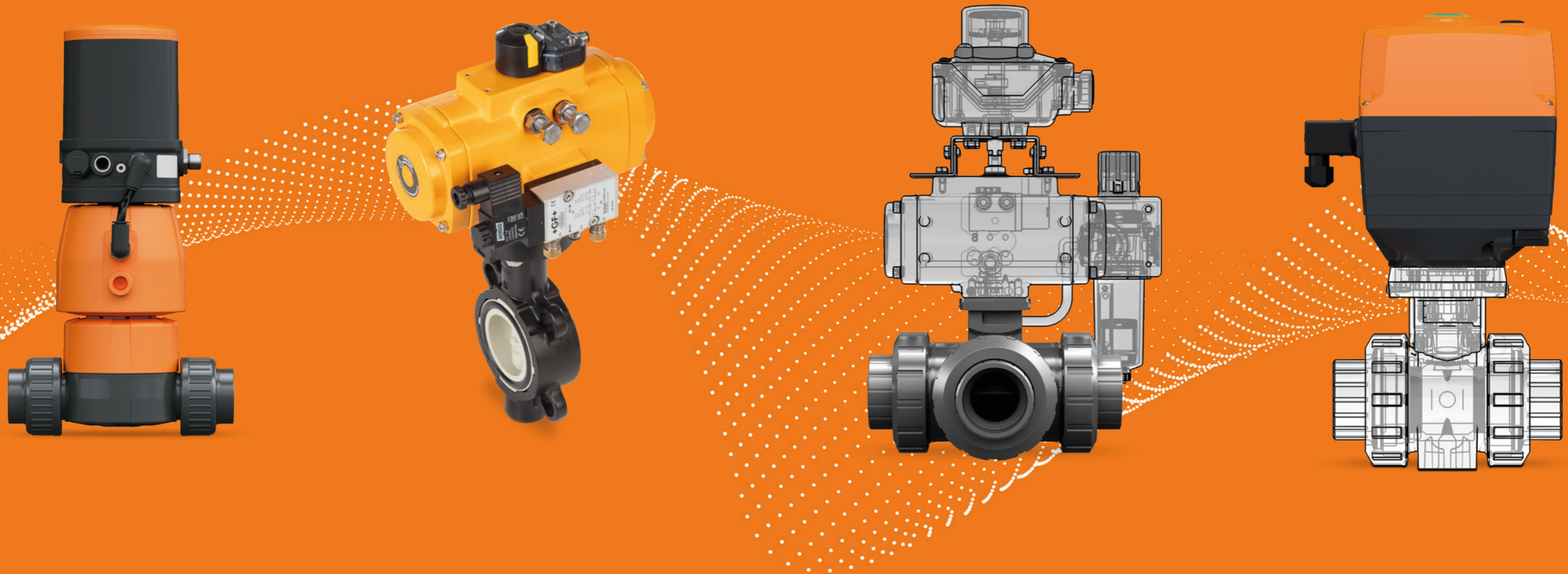
Reliable ROI Planning

Fixed-price packages from a single supplier support transparent cost planning, helping you calculate return on investment and stay within budget.

Anything is possible

Built around your needs

Our valve automation offering provides scalable solutions, from standardized assemblies to fully customized, application-specific configurations, supported by engineering expertise and trusted partners. From expert specification review and material selection to advanced engineering support and certified quality, our customized Valve Automation Solutions simplify procurement, support compliance, and deliver long-term reliability across the full lifecycle.



Full GF assemblies

Complete Valve Automation Solutions built entirely from GF components. Covering various valve types - ball, butterfly, and diaphragm - combined with high-quality pneumatic or electric actuators and accessories like positioners or industrial Ethernet cards.

GF & preferred partner assemblies

Flexible hybrid solutions combining GF valves or actuators with trusted partner components. Strategic collaborations enable application-specific configurations, including solutions designed for demanding environments such as ATEX zones.

Customized actuation solutions

Highly tailored valve automation assemblies developed to match unique application needs. Combining GF valves and third-party actuators and accessories, engineered and assembled by in-house experts to fit your exact specifications.

Customized valve solutions

Engineered automation solutions that pair GF actuators and accessories with third-party valves. Designed, assembled, and tested in-house to facilitate seamless integration and reliable performance for application-specific requirements.

Proven solutions across industries

We understand that every application brings its own challenges. Our flexible valve automation offering provides application-fit assemblies to meet specifications and requirements across various applications in the water and chemical process industry, as well as in industries such as Marine, Data Centers, and Cooling. At GF, we can not only select the right actuator for our valves, but also combine third-party valves with our electric and pneumatic actuators.



Electric Butterfly Valve

The GF Butterfly Valve 565 Big, made from high-performance thermoplastics, is the ideal solution for water and water treatment applications requiring large diameters up to DN600 - such as desalination plants and water distribution networks. Paired with an explosion-proof electric actuator, it offers a modular design suited for harsh environments and demanding, high-duty operations, delivering reliable and efficient flow control.

Electric Ball Valve

The 2-way Ball Valve 546 Pro with a third-party electric actuator offers precise control for water treatment in industrial plants. Seamlessly variable cycle times support flexible process operation, while Bluetooth connectivity allows straightforward commissioning, monitoring, and integration into modern automation environments.



Automated Ball Valve

GF Ball Valve with the all-plastic Pneumatic Actuator PPA and a third-party electro-pneumatic positioner delivers precise, reliable control for demanding industrial applications. The non-contacting, wear-free position detection enables long-term accuracy, while supporting easy integration into existing process environments for efficient, future-ready valve automation.



Global reach, local support

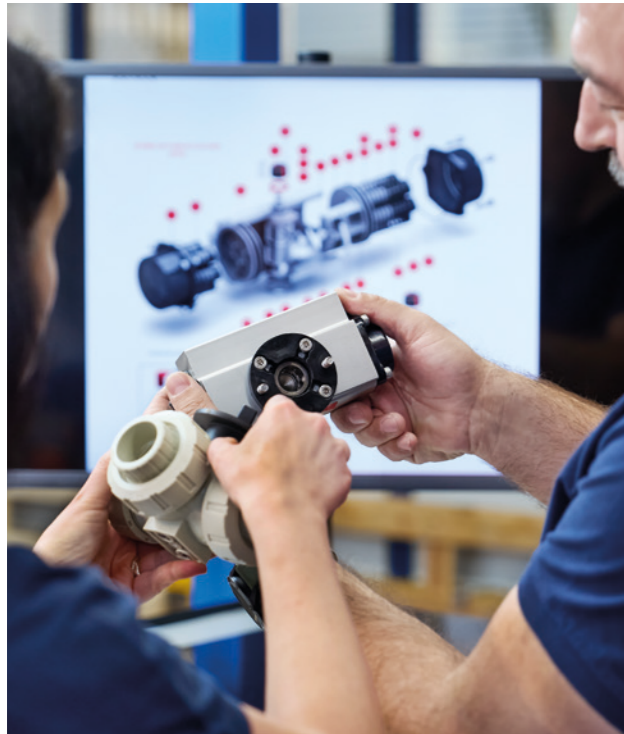
Valve automation around the globe

Our Valve Automation Centers combine global reach with local expertise to deliver customized Valve Automation Solutions that meet individual industrial requirements. With regional and local specialists around the globe and regional hubs, we understand local standards, applications, and specifications - building reliable, tailored solutions wherever your operations are located.

One trusted process

Adding value every step of the way

Our Valve Automation Solutions experts support your project from initial specification, material review, and product selection through engineering, delivery, and after-sales support. With expert review, structured engineering support, and streamlined logistics, we add value at every stage of the project lifecycle.



Planning & Ordering

Specification Review and Material Selection

Our customized Valve Automation Solutions begin with a thorough specification review led by our in-house experts. We perform a comprehensive application analysis, select suitable materials and products, and define precise sizing with detailed specifications - resulting in a tailored solution managed through one purchase order with a single supplier.



Engineering & Manufacturing

Advanced Engineering Support

Our Advanced Engineering Support provides compliant and reliable solutions through functional testing and certification activities (FAT, ISO, PED). Custom labeling is provided to meet project requirements, along with manufacturer data reports that support documentation, traceability, and transparency throughout the project lifecycle.



Logistics & After-Sales Support

Certified Quality & Reduced Project Complexity

Certified quality and reduced complexity are supported by optimized logistics, enabling efficient delivery and fewer interfaces. Full traceability and complete documentation of assemblies support transparency and compliance, while comprehensive after-sales services include spare parts supply and maintenance support.



Next steps

In this brochure, you have received the most important information and technical details. But nothing replaces a personal conversation with an expert from GF Piping Systems. It is all about your needs and how we can support you in your daily business challenges. If you have not already done so, make an appointment today.

Find your local contact on the back cover of this brochure or visit our GF Piping Systems website, where you will find specialized contact persons in your area. You will also find additional information on our products, including technical datasheets, operating instructions, and relevant certificates and approvals.

More information at
gfps.com/VAS

Excellence in Flow

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