Valve and system solutions for complex applications and processes

GEMÜ

www.gemu-group.com

Local Roots, Global Network

Through continuous innovative design and a focus on quality and proximity to customers, GEMÜ is one of today's leading worldwide manufacturers of valve, measurement and control systems.

Corporate philosophy
For 58 years now, GEMÜ has been offering high-quality solutions for numerous different customer groups, and has a reputation for acting in a sustainable manner and providing future-proof jobs.

"We share our passion for technology and our enthusiasm for people. This makes us strong for the future – across the world and regionally."

Managing Directors Gert Müller and Stephan Müller

Subsidiaries	Employees	Countries
27	2400+ worldwide	50+ worldwide
Manufacturing sites 6		Subsidiaries and long-term commercial partners

As at: October 2023

Customer-oriented and application-focussed

With its restructuring into individual business areas, GEMÜ is taking into account the increasing requirements for process engineering.

Even closer to the customer
Thanks to its wide range of products, GEMÜ offers solutions for the most varied customer groups.
To operate in a way that is more customer-oriented, strategic business units have been created:

- Pharma, Food & Biotech
- Industry
- Semiconductor
- Medical

Pharma, Food & Biotech

Our many years of global experience and the first-class expertise of our highly qualified employees mean that we are one of the world's leading providers of valve technology, actuator technology and control systems in the following sectors:

- Pharmaceutical industry
- Foodstuffs
- Beverages
- Biotechnology
- Cosmetics
- Support processes (e.g. ultra-pure water treatment)

Industry

No other area subjects valves to such a varied range of requirements as those found in industrial applications. Our decades of application experience flow directly into the new and further development of valves. GEMÜ valves have therefore also proven themselves time and again in demanding applications:

- Industrial water treatment
- Chemical engineering
- Power generation and environmental engineering
- Mechanical engineering and processing industry
- Surface finishing

Semiconductor

GEMÜ has excellent references for using valves in areas of application that have high purity requirements. The products are manufactured under strict quality controls in the cleanroom. The areas of application here include the following:

- Microelectronics
- Semiconductor production
- Battery production

Medical

As an engineering and production partner for medical technology companies and pharmaceutical manufacturers, GEMÜ Medical produces customized plastic solutions for the following market segments:

- Drug delivery
- Medical devices
- Diabetes care
- Disposables
- Laboratory equipment

Service

The correct installation and commissioning, as well as the forward-looking servicing of valve, measurement and control components are important prerequisites for efficient operation and optimum operating cycles for a plant. GEMÜ offers support for its customers in three areas here:

- Technical training
- In-house service
- Field service

Research & development

Customer benefits have been at the forefront for GEMÜ right from the outset.

Investment in the future
In discussion with customers, development partners and educational establishments, GEMÜ continuously invests in product optimization and new products and innovations. More than 5% of turnover is invested in research & development every year. Over 100 members of staff work in development and design, and are responsible for the relevant product specifications.

Manufacturing and assembly

GEMÜ is unique: Its wide variety of products and materials spans numerous fields of application in the area of valves, measurement and control systems.

Materials knowledge and manufacturing capabilities
GEMÜ products are manufactured from numerous individual plastic and metal components. In doing so, as a manufacturer, GEMÜ sets the standards in terms of service life, robustness and reliability. This is due to our knowledge and understanding of the requirements and procedures involved in the processing industry. GEMÜ has therefore been able to serve many future markets with ground-breaking solutions. For example, for the past 20 years, GEMÜ has been processing an optimized PTFE mixture for diaphragms, thanks to which it was possible to significantly increase the service life in most applications.

Efficient production planning and production control
At GEMÜ, the production planning for various batch sizes and specifications is flexibly aligned towards the needs of the customer.

Quality

GEMÜ products and their individual components are carefully checked and documented.

Audited manufacturing processes
GEMÜ produces at six locations worldwide. Among others, these factories are certified in accordance with ISO 9001, ISO 14001, ISO 13485 or in accordance with the locally applicable standards.

Incoming goods and manufacturing inspections
Incoming-goods, manufacturing and assembly procedures are controlled by a computer-aided quality management system (CAQ) at GEMÜ. For example, this system documents all of the incoming goods and manufacturing test data, and manages the test equipment, including all calibration documents.

Modern machinery and optimized workstations enable GEMÜ's specialist technicians to design every manufacturing step in a practical and efficient manner and to minimize error sources. At the same time, they carry out production examinations, such as SPC measurements or leak tests.

Logistics

For many customers, on-time delivery is an important criterion when purchasing.

Worldwide storage and delivery capacities
To ensure that GEMÜ products are at the right place, at the right time and in the right quantity, the group maintains its own storage capacities, which are interlinked using IT infrastructure, on every continent. In addition to the products for the local market, the company also keeps in stock all common valve technology, measuring system and control technology components in its product range. Furthermore, in recent years, several hubs have been commissioned, into which all customer-related production and logistics processes have been integrated. The European Production and Logistics Centre (PLZ-E) in Kupferzell, Germany, is home to the current largest hub in the GEMÜ Group.

An additional hub is located at the second-largest GEMÜ location – the subsidiary in Shanghai, China.

Sustainability

The very first GEMÜ product in 1964, a plastic solenoid valve, combined economical and material-saving aspects. We feel committed to this tradition.

Sustainable actions and growth
Economical, ecological and social sustainability are new terms but their core objectives have accompanied the GEMÜ Group for 58 years. Right from his first patent, company founder Fritz Müller achieved material savings of 50% when compared to conventional solutions. Since then, new developments, such as this plastic solenoid valve from 1964, have ensured that our company has experienced organic and consistent growth.

Ecological and economic sustainability
GEMÜ's philosophy of using as little material and energy as possible for developing, manufacturing, processing and transporting its products still stands true.

Social sustainability
In addition to reducing the risk of injury and establishing ergonomic workstations, we are focusing our attention on promoting young talent and on the further training and education of our employees. We also support local projects by donating and sponsoring.

GEMÜ product group overview

The GEMÜ Product Range brochure and datasheets contain detailed information

Stainless steel multi-port valve blocks

Metal diaphragm valves

Metal globe and control valves

Single-use diaphragm valve

Sensors and display units

Positioners and electrical position indicators

Plastic and metal solenoid valves

Metal and plastic ball valves

Metal diaphragm valves

Metal and plastic butterfly valves

High-purity diaphragm valves

High purity multi-port valve blocks

Plastic diaphragm valves

Plastic multi-port valve blocks

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