

Your expert partner for electric actuators

AUMA GROUP



AUMA automate valves

And this for the last 50 years.

The two-man partnership has evolved into a global corporation, implementing their innovative products for industrial valve automation all around the globe.

AUMA is today a leading manufacturer of electric actuators for automating industrial valves. We are a medium-sized owner-managed enterprise combining a value-oriented culture with flexibility and reliability.



YOUR EXPERT PARTNER FOR ELECTRIC ACTUATORS

Armaturen- Und Maschinen- Antriebe

50 YEARS OF INNOVATION IN THE ACTUATOR BUSINESS

Since the foundation of the company in 1964 by Werner Riester and Rudolf Dinse, we have focused our complete engineering excellence on developing, manufacturing and distributing electric actuators. With our pioneering spirit and the clear feeling for market requirements, we have grown to a global technological leader. Our products are renowned for their long product life, reliability and highest precision with our customers.

Most of the product components are manufactured in our own, modern manufacturing plants. This is how we can guarantee top quality of AUMA actuators.

1964

Established at Ostfildern/Nellingen nearby Stuttgart (Germany)

1971

Muellheim (Germany) is designated as AUMA's new headquarters

1974

First subsidiary AUMA Benelux

1976

Foundation of AUMA USA

1983

Foundation of AUMA India

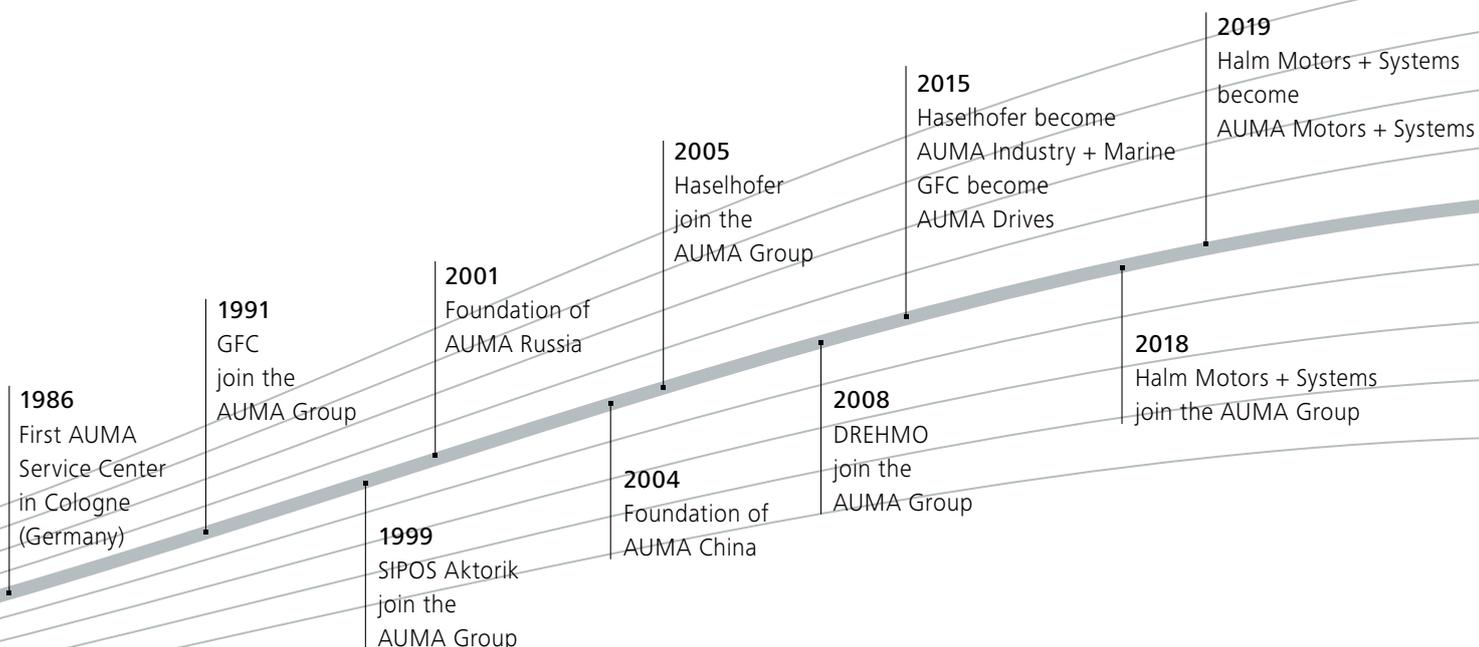


WORLDWIDE SALES AND SERVICE

'All business is local' – this conviction led us to establish our first subsidiary, AUMA Benelux, as early as 1974. Thanks to our cosmopolitan sales and service network, our customers trust us to find competent local support in more than 70 countries all around the globe.

SUSTAINABLE GROWTH

AUMA have grown to a successful global player, giving work to more than 2,600 people worldwide. Still today, we are an owner-managed private enterprise. We are committed as a reliable partner for our customers underpinned by our sound financial background and long-term growth strategies.



Actuators of the AUMA Group work reliably all around the globe in water supply, waste water treatment, power stations, pipelines, refineries, and industrial plants of any kind.

AUTOMATION OF ALL VALVE TYPES

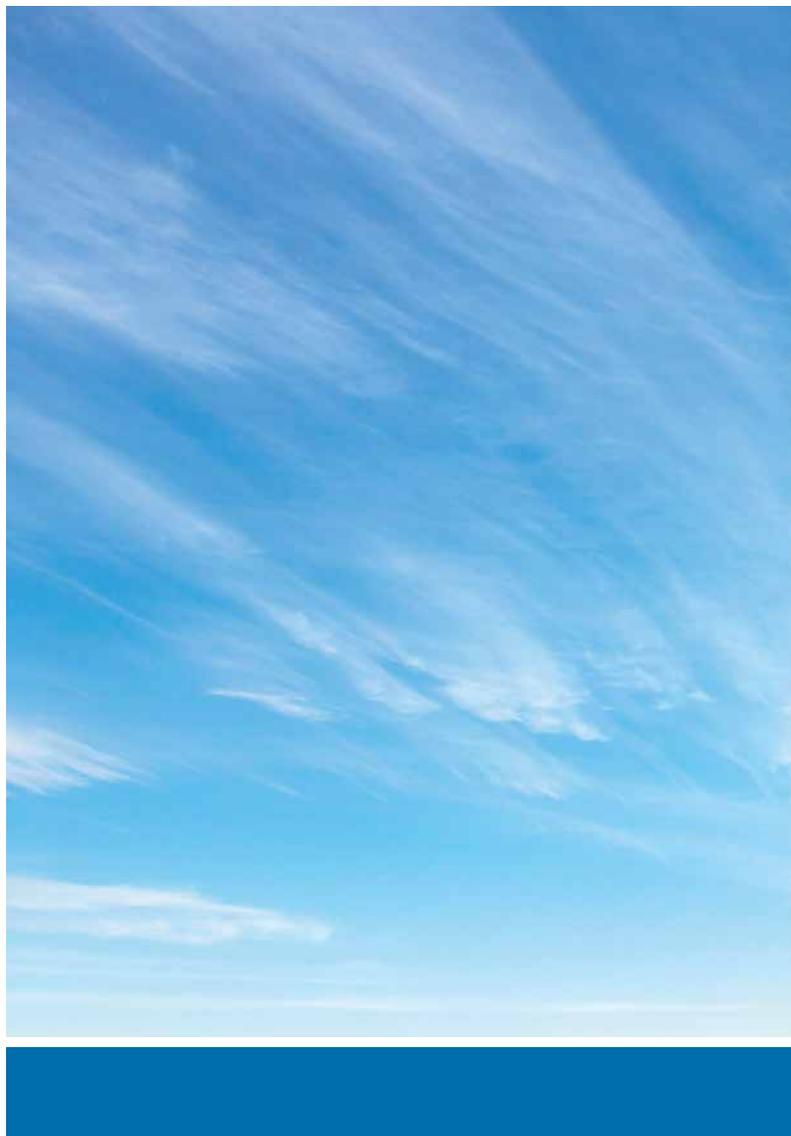
Our actuators are tailored to suit customer-specific needs. Thanks to our comprehensive product portfolio including high performance multi-turn, part-turn, linear, and lever actuators, we offer automation solutions for any type of valve – from small ball valves to diverter dampers several metres high.

HIGHEST RELIABILITY

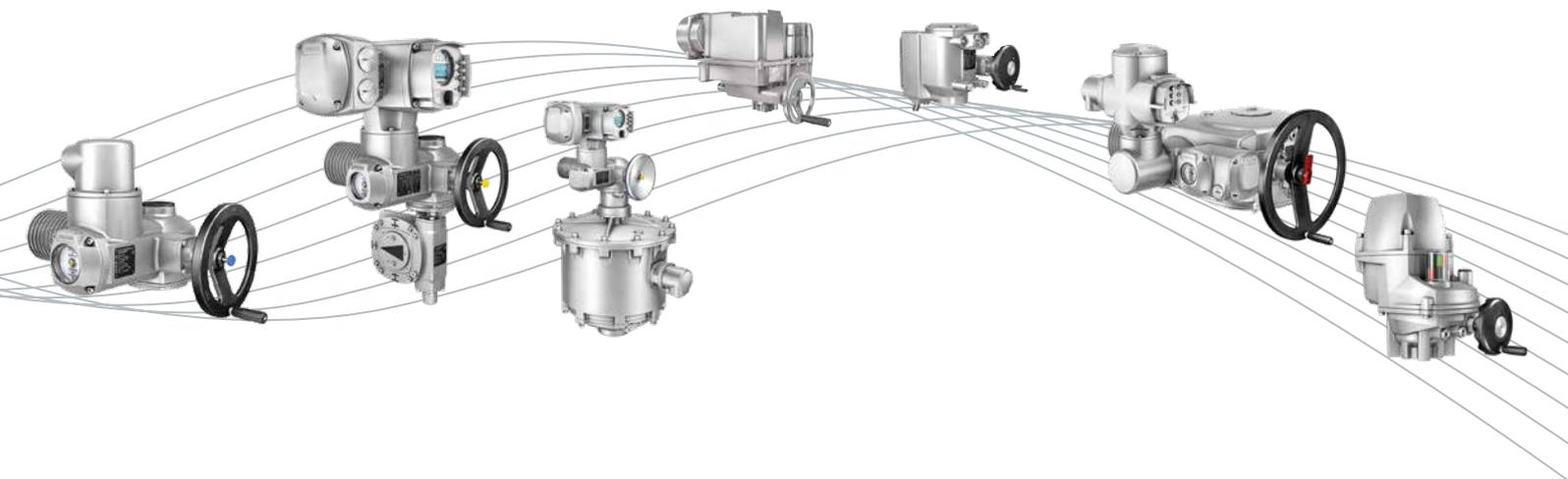
Actuators of the AUMA group comply with international standards and are designed to excel with the utmost reliability and long product lifetime. They guarantee reliable and safe service even in most hostile environmental conditions.

EASY INTEGRATION

Our products act both as mechanical interface to the valve and electrical interface to control systems. Modern integral actuator controls allow the safe communication with commonly used site control systems. Flexible device positioning and configuration including comprehensive accessories satisfy any variety of installation specifications.



Tailored solutions



Worldwide in your vicinity

From the very beginning to the present, we have been striving to support our customers all around the globe, assist them with competent excellence and offer comprehensive local and on-site service.

AUMA HEADQUARTERS IN MUELLHEIM

Muellheim headquarters, at the foot of the Black Forest is the heart of the AUMA Group. The tripoint where the borders of Germany, France, and Switzerland meet is the ideal spot due to the highly developed infrastructure and perfectly qualified available workforce. Traditional values like reliability, quality, and sustainability are deeply rooted.

GLOBAL NETWORK

- 
- > MORE THAN 20 AUMA SUBSIDIARIES
 - > MORE THAN 50 REPRESENTATIVE OFFICES
 - > PRODUCTION SITES IN GERMANY, THE USA, INDIA, THE RUSSIAN FEDERATION AND CHINA

ADVICE, SALES, AND SERVICE

As a globally acting enterprise, AUMA possess a comprehensive sales and service network. Our local engineers can be found in all parts of the globe and they are deeply committed in advising and supporting you in your national language relating to all issues about AUMA actuators. Experienced AUMA service experts ensure worldwide support with installation, operation, and maintenance of our products.

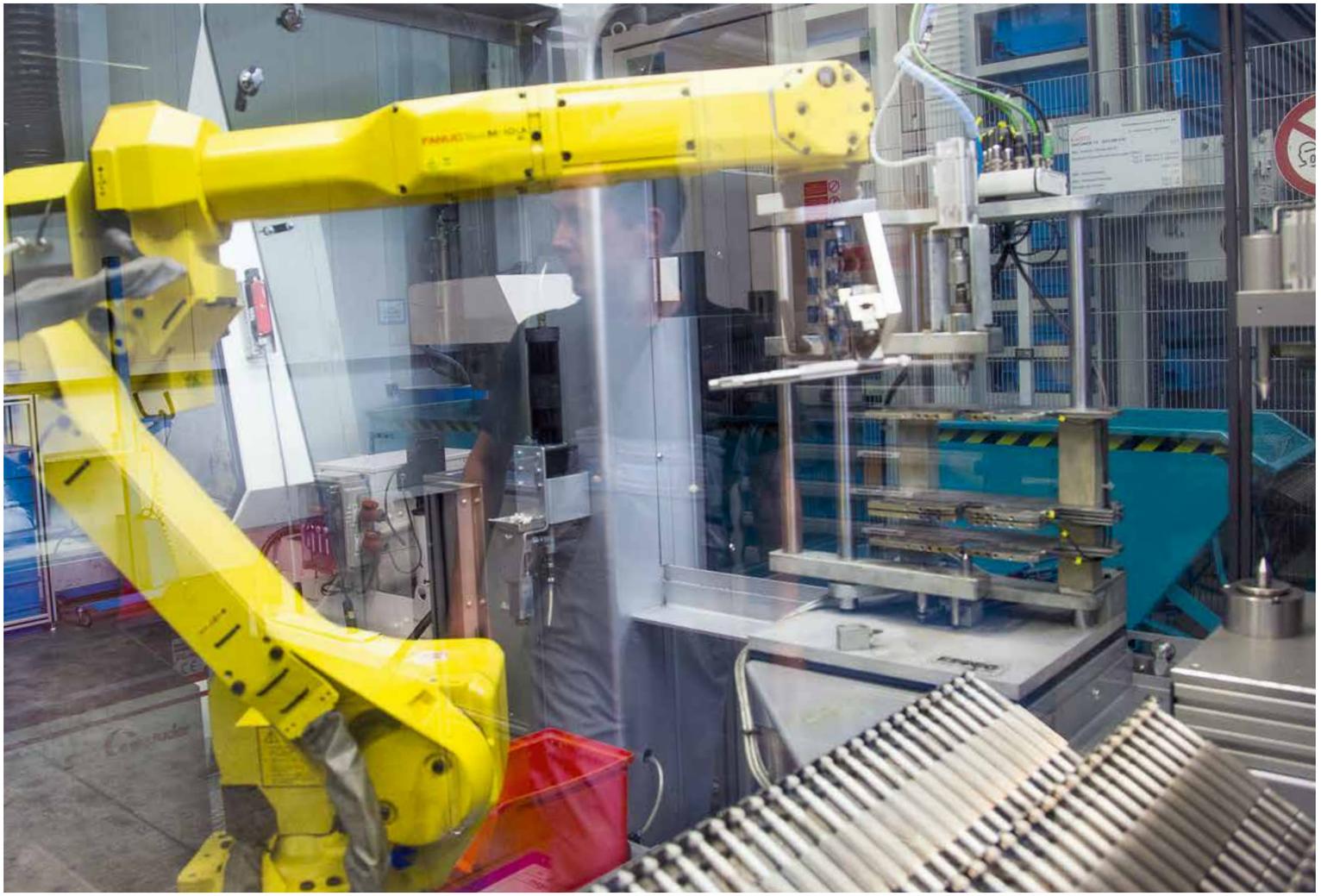
LOCAL MANUFACTURING

Production sites in Germany, the USA, India, the Russian Federation and China guarantee short transport and delivery times. We manufacture according to the identical exacting AUMA quality standards throughout all our factories.



AUMA Headquarters in Muellheim





PRODUCTION

State-of-the-art production facilities

Manufacturing in our own plants is a crucial factor in favour of ensuring the constant top quality of AUMA products. We can immediately react to and comply with changing requirements while ensuring adherence to deadlines.

ORDER-RELATED PRODUCTION

AUMA products are by no means considered as mass produced products in spite of the challenging total number of more than 180,000 actuators per year. We are committed to manufacture each actuator complying to orders whilst implementing the specific customer needs. Consequently, we are in a position to offer a diversity of variants to our customers beyond our competition.

SINGLE SOURCE SUPPLY

Design, process planning, machining, surface treatment, assembly, logistics, quality management – we at AUMA manage and control the complete production chain. Our components are manufactured on a production surface of more than 60,000 m² worldwide and we guarantee outstanding quality and precise processing at each stage of the process.



LATEST PROCESS TECHNOLOGY

AUMA's ongoing investments into the most modern machine and process technology are the driving factor for continuously increasing productivity. Latest generation machining centres ensure efficient and dimensionally accurate manufacture of housing and gearing parts.

POWDER COATING FOR TOP GRADE CORROSION PROTECTION

AUMA's unique two-layer powder coating for their products is spearheading the market standards for corrosion protection. At the same time, it reduces environmental impacts thanks to considerable pollution reduction. Powder coating individual parts promotes outstanding corrosion resistance particularly suited for the offshore segment.

Reliable quality

Actuators of the AUMA group have acquired an excellent reputation amongst our customers, in particular relating to reliability and quality. This fills us with pride. And with determined endeavour, we shall stay on this track of success.

CONTINUOUS CONTROL

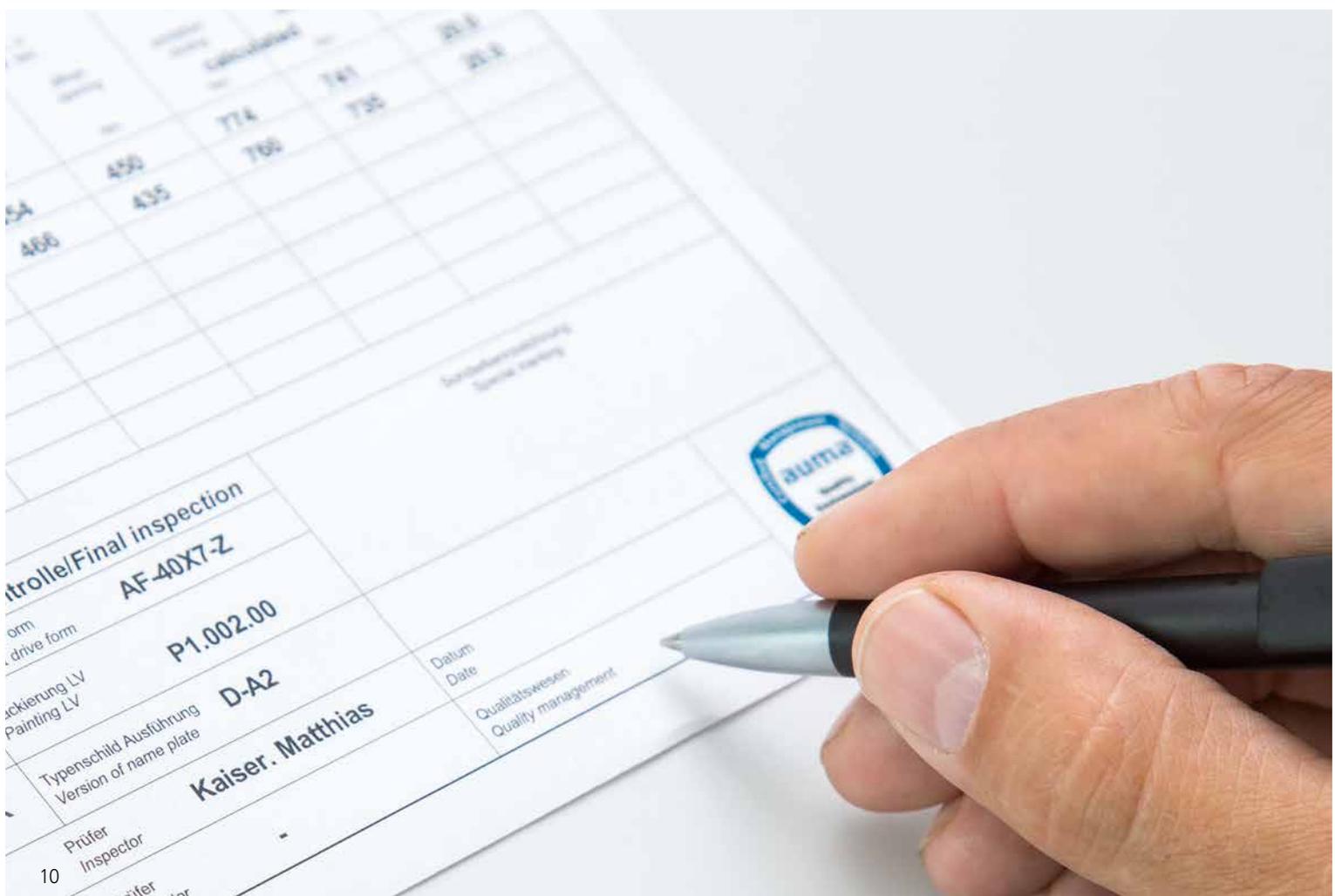
Quality assurance accompanies the complete production process, from goods receipt to final product dispatch. Checks of dimensional accuracy, for example, performed at the crucial stages of the processes during production establish that only complying components are further processed.

100 PERCENT TESTING

Comprehensive final inspection tests are performed for all actuators and actuator controls prior to leaving our factories. Test benches specifically developed and designed by AUMA support functional testing, and this often in the presence of our customers. This is where actuator limit and torque switching is calibrated and set.

Each individual housing part of explosion-proof actuators and actuator controls are subjected to an overpressure test. Explosion-proof joints are 100% tested for accurate dimensions and perfect surfaces.

QUALITY ASSURANCE



INDEPENDENT CERTIFICATIONS

The high AUMA quality standard is confirmed at regular intervals by independent test authorities. AUMA is certified according to ISO 9001:2015, ISO 14001:2015, ISO 50001:2011 und ISO 45001:2018. We manufacture according to uniform quality standards throughout all our production sites.

COMPREHENSIVE DOCUMENTATION

Records and inspection certificates are used to document all processes during manufacture and final inspection for traceability of measurements and results.

Inspection certificates, records and further certifications are available from AUMA on request or for download from the AUMA website.



Commitment to innovation

Demands on electric actuators are increasingly challenging; new technological facilities change the environment of process engineering. Our specialised development teams continuously work on enhancing and upgrading our products. Their innovative solutions spearhead industrial market standards in fields like sensor technology, asset management, fieldbus technology, Wireless, SIL, and explosion protection.

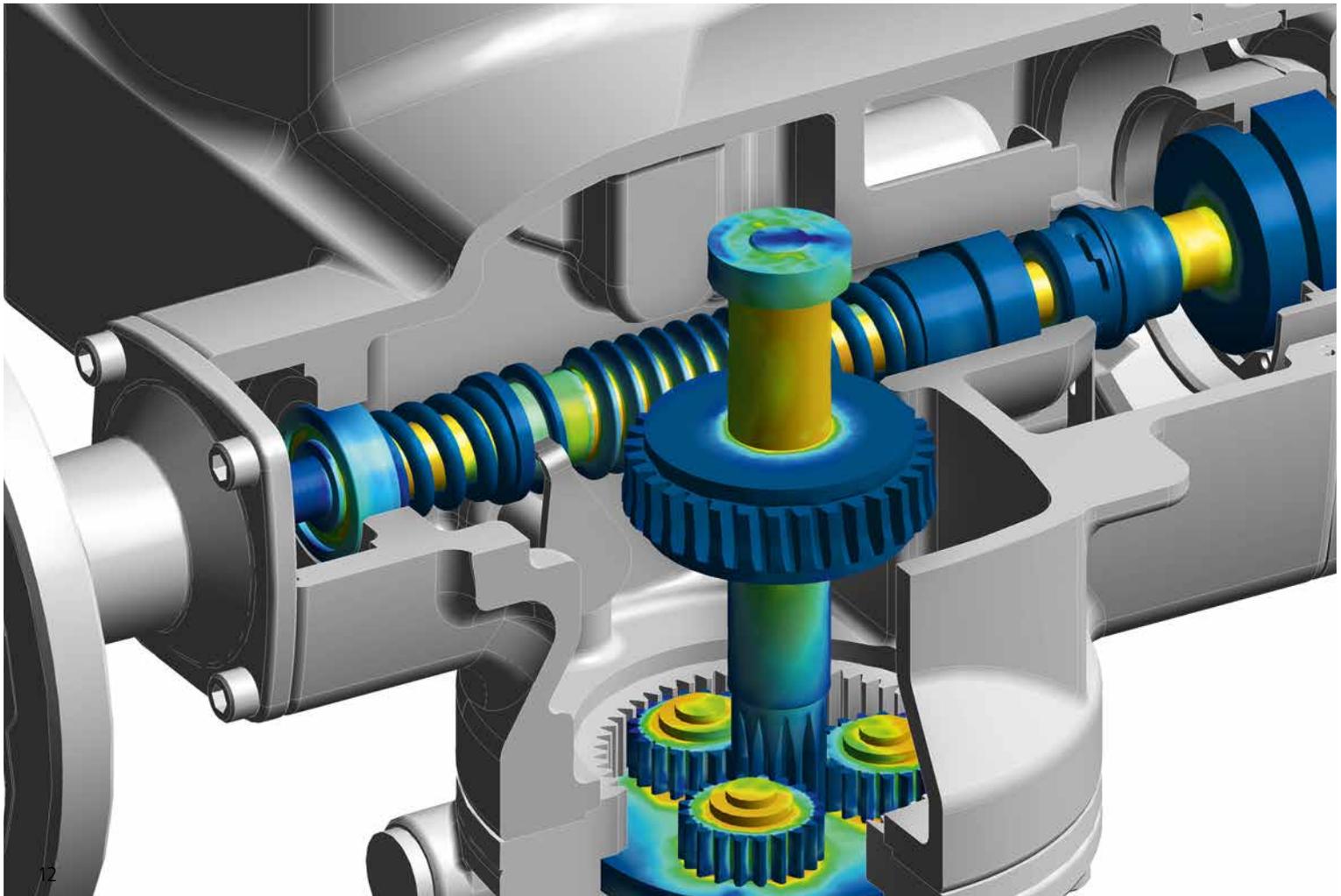
EXPERTS IN ALL SEGMENTS

AUMA management took the company from its specialisation in mechanics to a spearheading position in technology: expert teams work on the development of mechanics, electronics and software. On the basis of proven processes, our experts work on optimising existing products and product enhancement including new developments of complete type ranges. Operation and test software for our actuators are in-house developments in compliance with the latest technologies.

MODULAR DESIGN FOR THE FUTURE

AUMA products rely on the modular concept. We develop modular components with perfect matches, inviting combinations, resulting in avoidance of multiple developments by optimally using available resources. Short distance between development and production facilitates swift implementation. The result is a well thought-through product portfolio, easy to enhance and expand, taking into consideration future customer needs.

RESEARCH & DEVELOPMENT



TESTING IN HARSH AND HOSTILE CONDITIONS

New housings, new electronics, new motors, new materials – prior to launching new products on the market, they are subjected to extremely harsh and hostile conditions at the AUMA test laboratories. They must prove their technical capabilities in climatic chambers, salt spray test chambers, or vibration simulations. Approval is assigned after successful achievement of results.



RELIABLE PRODUCTS

Product life of all components is reviewed in automated accelerated lifetime tests where switching cycles quickly follow one after the other. Technical specifications like temperature and vibration resistance, maximum torque or shortest operating time are reliably assessed in standardised test series. To make sure that AUMA products will keep their promise also in the future.



Achieving the goal together

As a global enterprise, we are aware of our responsibilities towards society. We are highly committed to fostering our personal relationships, to implement production methods minimizing environmental impacts, and create fair opportunities for all stakeholders.

CORPORATE SOCIAL RESPONSIBILITY



MANAGING RESOURCES

Not only our products contribute considerably to efficient use and management of natural resources in many parts of the world. For us, ecological aspects in every day work are very important. We actively increase awareness among our staff, reduce waste, and improve the energy efficiency of our buildings – we tackle this crucial issue from many angles.

OFFERING CHANCES AND OPPORTUNITIES

'Think globally, act locally' – AUMA global motto for donations of money and goods at local subsidiary level to support social institutions. Support is given to charity organisations but also to local sports clubs, schools and other facilities in need. As an example, AUMA actively contribute to the building of schools in Bangladesh and foster training and educational projects in India.



RESPECTING VALUES

We focus on long-term and reliable relationships with our partners and with our staff. The AUMA culture values mutual appreciation and respect, nurturing the awareness that we strive for the same goal: Rendering optimum service and advice to our customers by awarding top priority to quality – with both our products and services. Developing ideas

DEVELOPING IDEAS

The road to success is our experienced staff who are strongly committed, day after day, in enhancing the quality of AUMA solutions. Providing stable infrastructure and safe workplaces with fast decision-making processes, awarding space for responsibility, creativity, and innovation.

Sports and social events create networks and nurture cooperation beyond departments and across various sites.

CREATING PERSPECTIVES

Individual training and educational programmes are implemented to support and enhance expert and personal competence of our staff. Besides our large variety of internal training and educational programmes, we encourage our staff to participate in external training schemes and give further support in implementing professional goals.

We are highly committed and proud to develop professional perspectives for young people. AUMA offer many corporate apprenticeships and educational schemes in administration and production. Trainee programmes are open to graduate students in gaining state-of-the art knowledge in research and technology linked to practical and professional experience within the company.

WATER

From potable water production and distribution, sewage treatment to civil engineering constructions for water applications, AUMA actuators automate valves of any size and design.



POWER

AUMA actuators are relied upon for controlling water and steam flows in pipelines throughout power plants of all types. Offering a uniform interface for all automated valves, they are specifically adapted to the power plant control stations.



SOLUTIONS FOR ALL MARKETS

Customers in focus

OIL & GAS

International certification in explosion protection, high SIL capability, and perfect reliability in particularly harsh and arduous climatic conditions – AUMA actuators meet the crucial requirements of the oil & gas industry.



INDUSTRY

Thanks to the modular product design, AUMA actuators deliver convincing solutions and undisputable answers to plant specifications in industrial applications.



Commitment to customer needs is our driving force. As an independent manufacturer, we have pride in our long-term and successful cooperation with our customers in the valve industry, plant engineering, and process plant operation. We at AUMA offer established actuator solutions for the markets of water, power, oil & gas, and industry.

RELIABLE PARTNERSHIP

We cooperate at all levels with our international partners and provide committed support at all phases of project management. Tasks and mission of the actuators are identified and determined during the ongoing dialogue with our customers.

Our global approach allows for detailed local support by experienced AUMA sales engineers when selecting your ideal actuation solution. Our comprehensive service portfolio will accompany and assist you throughout the total lifetime of our products.

LONG-TERM SECURITY OF INVESTMENT

International production certifications and customer approvals confirm the excellent quality of AUMA actuators. Our actuators are designed for long product life whilst withstanding harsh environments. Their mission consists in delivering reliable and safe performance over many years or even decades.

AUMA solutions for the water industry

Clean water is the basis of all life. Potable water production and distribution, sewage treatment and disposal are core tasks of modern water management. Electric AUMA actuators ensure dependable and reliable valve automation.

WATER



IN THE BEGINNING WAS THE WATER

AUMA actuators earned themselves an excellent reputation by meeting the special challenges and finding the perfect solutions in the water industry. Today, the AUMA brand is considered as a synonym for long service life and ruggedness. For several decades, AUMA actuators have been providing reliable and efficient service all around the world whilst requiring very minimal maintenance.

DESIGNED TO FIT ANY SIZE

From individual actuators for municipal sewage treatment plants to major projects combining several hundreds of units, from the small butterfly valves and ball valves to weirs several metres high – AUMA solutions are trusted for all customer demands.

Our modular products are easy to retrofit in an existing installation when upgrading with modern actuation and control technology.

EASY INTEGRATION

Whether integration in established PLC control concepts or latest fieldbus technology is challenged – AUMA actuators guarantee sympathetic adaptability into any control system design.

- 
- > SEWAGE TREATMENT PLANTS
 - > WATER TREATMENT PLANTS
 - > DRINKING WATER DISTRIBUTION
 - > SEWAGE DISPOSAL
 - > SEA WATER DESALINATION
 - > IRRIGATION SYSTEMS
 - > CIVIL ENGINEERING CONSTRUCTIONS
FOR WATER APPLICATIONS
(SLUICE GATES, WEIRS, DAMS)

AUMA solutions for power generation

Power plants are challenged to master complex processes in harsh environments. Electric AUMA actuators successfully control flow of water and steam – in feedwater treatment plants and steam generation as well as in turbines, flue gas purification and cooling towers. They satisfy the highest demands for control accuracy, reliability, and safety.

POWER



INTEGRATION INTO ANY SITE CONTROL SYSTEMS

AUMA actuators are the perfect match for interfaces designed to the needs of power plant control system management. They safeguard uniform communication with all valves. Thanks to redundant fieldbus technology, data communication is particularly reliable.

CERTIFIED NUCLEAR ACTUATORS

AUMA supply electric actuators complying with the safety-critical duties in nuclear power plants. Actuators are qualified for both Inside and Outside Containment.

SUPERIOR AVAILABILITY

AUMA actuators provide dependable plant availability thanks to their renowned reliability. AUMA actuators are qualified for safety-related systems up to SIL 3. Extensive diagnostic functions allow integration into asset management systems.

AUMA powder coating excels by withstanding highly corrosive environments, for example, in cooling towers. Remote mounting to separate wall brackets safeguard AUMA actuator controls' services even in the case of significant vibration, high temperatures, and wherever actuator access is extremely difficult.

AUMA offer comprehensive maintenance concepts reaching as far as the complete service for power plant inspections.



- > THERMAL POWER PLANTS (COAL, GAS, OIL)
- > NUCLEAR POWER PLANTS
- > COGENERATION POWER PLANTS
- > DISTRICT HEATING
- > HYDROELECTRIC POWER PLANTS
- > GEOTHERMAL POWER PLANTS
- > SOLAR THERMAL POWER PLANTS
- > WASTE INCINERATION PLANTS
- > INDUSTRIAL POWER PLANTS
- > BIO GAS POWER STATIONS

AUMA solutions for the oil and gas industry

Oil & gas are crucial energy sources for modern society. They are extracted, processed, and distributed using most sophisticated technologies. AUMA actuators completely meet the challenging safety requirements of this market segment.

OIL & GAS



WORLDWIDE RECOGNITION AND AWARENESS

Notable companies in the oil and gas industry trust AUMA actuator solutions for their challenging duties. Whether exposed to the freezing temperatures of Siberia or the scorching heat of the Persian Gulf - AUMA actuators provide reliable and safe duty in extreme climatic conditions.

EXPLOSION PROTECTION AND SIL

AUMA actuators and actuator controls are approved and qualified for integration into potentially explosive atmospheres. They are certified for safety-related systems up to SIL 3. Actuators with fireproof housings provide reliable service for a longer time period even in the event of a fire.

FIELDBUS

Fieldbus interfaces for Profibus DP, Profinet, Modbus RTU, Foundation Fieldbus and HART interfaces ensure seamless integration into the distributed control system. Redundant data communication increases data transmission security.



- > REFINERIES
- > PIPELINES
- > TANK FARMS
- > PLATFORMS
- > PUMPING STATIONS
- > GAS TANKS
- > LNG TERMINALS

AUMA solutions for the industry

Different process plants do have one thing in common: Liquids, gases or granules are fed and dosed to the individual process stages through pipelines and transported for further processing. In these applications, electric actuators for valve operation play a crucial role due to the high level of automation.

INDUSTRIAL AND SPECIAL SOLUTIONS



VARIED EXPECTATIONS AND DEMANDS

Thanks to our modular product portfolio with large torque ranges and comprehensive accessories, AUMA are your ideal partner for identifying your automation solutions to your plant specifications.

From simple opening and closing of valves to complex control duties with fine-tuned setpoint control – there is no limit to the span of feasible applications.

Simple operation, safe communication via modern controls and excellent reliability – this is just to name some of the varied customer benefits for favouring AUMA solutions.

EXTREME ENVIRONMENTS

AUMA actuators excel with their high corrosion protection, coping with most hostile and harsh environments prevailing in mining as well as paper and cement industries.

AUMA modulating actuators meet the demands for positioning accuracy and short reaction times in long-term service in the chemical and pharmaceutical industries.

Automation duties on ships require compact products: AUMA offer specifically designed actuators to comply with the space constraints.



- > CEMENT INDUSTRY
- > STEEL MILLS
- > PAPER INDUSTRY
- > HEATING, VENTILATION AND AIR CONDITIONING
- > SHIPBUILDING INDUSTRY
- > CHEMICAL INDUSTRY
- > FOOD INDUSTRY
- > PHARMACEUTICAL INDUSTRY
- > GLASS INDUSTRY
- > MINING
- > REFRIGERATION ENGINEERING

Premium service across the overall lifecycle

AUMA SERVICE

We pair our outstanding products with excellent service. We at AUMA Service make sure that your AUMA actuators perfectly fulfil their tasks for smooth process flow.

We are your competent partner throughout your complete plant lifecycle. Professional and reliable, with heart and soul. Please do not hesitate to contact us. It will be our pleasure to jointly develop your tailored service schemes, perfectly adapted to your needs.

AUMA LIFECYCLE MANAGEMENT

Our comprehensive services support you in all aspects of your actuators. Use the complex know-how of our experts to increase the efficiency of your processes, to maximise availability and to ensure long-term plant operation.

FIELD SERVICES

-  Mounting & installation
-  Commissioning
-  Troubleshooting & corrective actions
-  Repair & corrective maintenance

SMART LIFETIME SERVICES

-  Maintenance management
-  Digital PLUS Services
-  Revisions & shutdown service
-  Retrofit

CERTIFIED & SPECIAL SERVICES

-  SIL | Ex | Nuclear Services
-  Fieldbus & communication

SUPPLY SERVICES

-  Spare parts & accessories

TRAINING

-  AUMA Academy

SINGLE SOURCE SERVICE

We offer premium service for all AUMA Group brands:

- > AUMA
- > SIPOS
- > DREHMO





AUMA Riester GmbH & Co. KG
Aumastr. 1
79379 Muellheim
Germany
Tel +49 7631 809-0
Fax +49 7631 809-1250
info@auma.com

AUMA subsidiaries or representatives
are implanted in more than 70 countries.
For detailed contact information,
please refer to our website.
www.auma.com