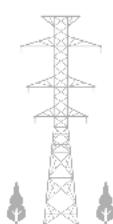




Industrial Expertise in  
Motion and Automation

AXXERON Technologies GmbH has combined the individual capabilities of innovative medium-sized companies in the business units MOTION and AUTOMATION.

With the aim of creating technological solutions for integrated systems and networking applications, AXXERON focuses on fluid technology (hydraulics and pneumatics), measurement and control technology, including automation solutions and specialized component manufacturing.



**OUR VISION**

- As a first step, the long-standing expertise of medium-sized technology companies with age-related succession issues must be ensured.
- Further development of these companies into sustainable system providers of sophisticated technical products and services.
- Consolidating the interdisciplinary and complementary product and service offerings as part of a one-stop-shop strategy for internationally active OEM customers.
- Sustainability, quality and our fundamental values – entrepreneurship, trust, integrity and passion – form the basis for our vision.



## OUR MISSION

- Provider of technologically sophisticated and complementary services, systems and products
- Product developers, solution providers, manufacturers and service partners for internationally active OEM customers
- Development of the group companies by utilizing their individual strengths to become a holistic, problem-solving technology company for forward-looking OEMs
- Utilization of strategic, structural and financial synergies as well as the abilities of the individual (best practice), the consolidation of the customer base and the improvements in performance and processes (operational excellence)



# AXXERON TECHNOLOGIES GmbH

## LOCATIONS



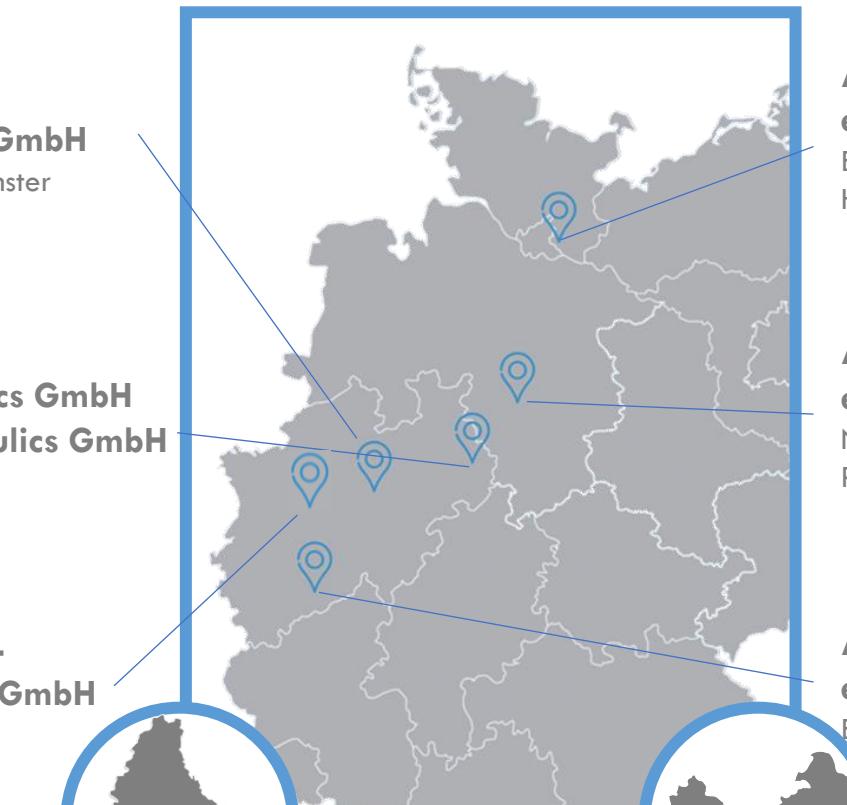
AXXERON  
Technologies GmbH  
Headquarter Münster



Schneider  
Servohydraulics GmbH  
Ruppel Hydraulics GmbH  
Porta Westfalica



IgH Ingenieur-  
gemeinschaft GmbH  
Essen



MOOG Luxemburg

Bettembourg (LUX)



AXXERON Hydraulics

Ningbo (CN)



AXXERON HESCH  
electronics GmbH  
Branch Wentorf bei  
Hamburg



AXXERON HESCH  
electronics GmbH  
Neustadt am  
Rübenberge



AXXERON HESCH  
electronics GmbH  
Branch KWR Troisdorf



**AXXERON**  
TECHNOLOGIES

### TURNOVER 2024FC

42.2 m. €  
PY: 24.0 m. €

### EBIT 2024FC

3.9 m. €  
PY: 1.0 mio. €

### HIGHLY QUALIFIED EMPLOYEES 2024

ca. 265  
PJ: ca. 178

### PRODUCTION AREAS 2024

ca. 14,500 m<sup>2</sup>  
+ office ca. 2,800 m<sup>2</sup>

### DEVELOPMENT CAPACITY

65 engineers &  
technicians

### MEASUREMENT TECHNOLOGY CAPACITY

39 test rigs



Mechanical and plant engineering



Recycling



Agricultural technology



Traffic engineering



Petrochemical and energy industries



construction and construction materials industry



Road vehicle andmunicipal technology



Pharmaceutical, biological andmedical technology



Shipbuilding and technology



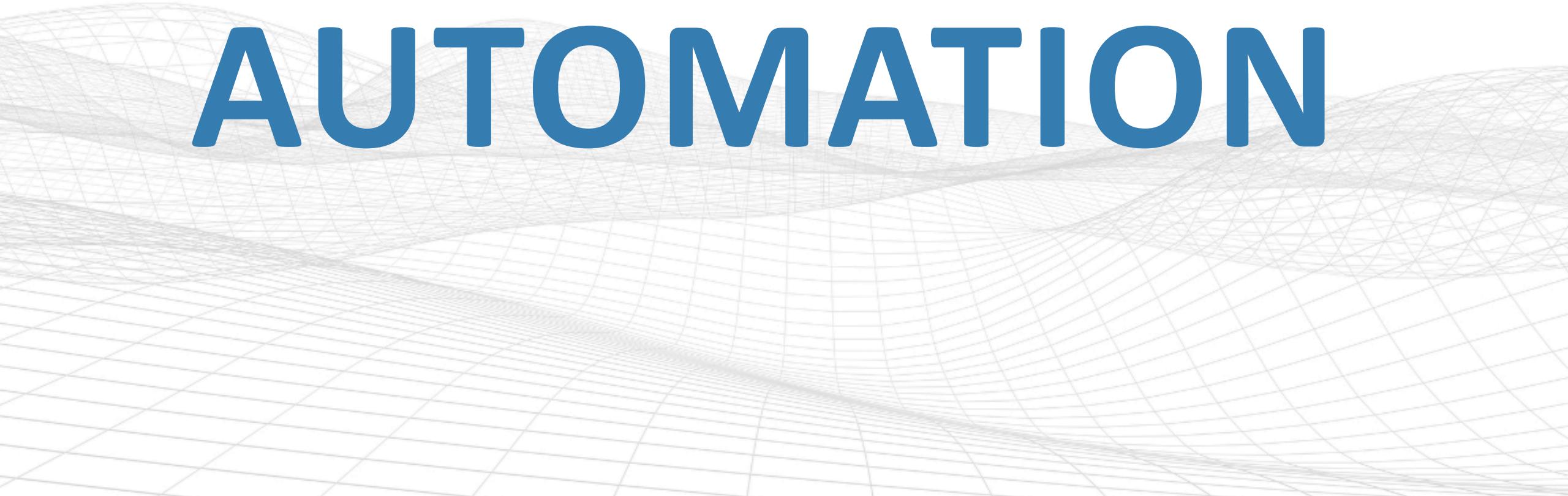
Other (including measurement, control and automation technology)



**AXXERON  
TECHNOLOGIES** GmbH

**BUSINESS UNIT**

# **AUTOMATION**



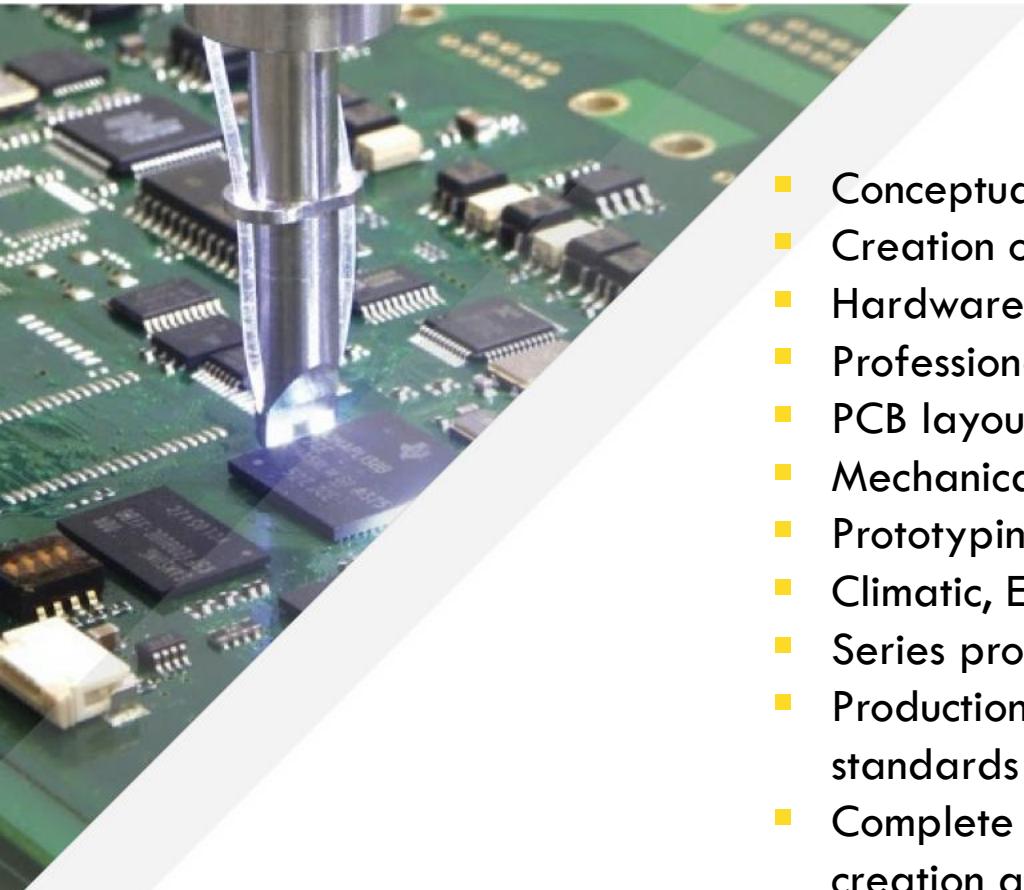


# AXXERON TECHNOLOGIES GmbH AUTOMATION AND ELECTRONICS

As an OEM partner of many well-known companies, we offer customized system solutions for industrial and process automation, from small controllers to large control tasks in large-scale industrial applications.

Our high-performance development department with its broad-based expertise and high-quality production facilities guarantee that we can offer complete and customized products and system solutions for industrial automation.

The development expertise - analog circuit technology as well as digital signal processing and microprocessor technology - is made available to customers for their machine and system controls. For example, HESCH is a globally recognized technology leader for control technology in the field of exhaust air purification for large-scale plants.



- Conceptual advice and system design
- Creation of specifications
- Hardware and software development
- Professional project management
- PCB layout
- Mechanical construction
- Prototyping
- Climatic, EMC and functional testing
- Series production
- Production according to national and international standards and norms (CE, UL, ATEX etc.)
- Complete service incl. project planning, circuit diagram creation and component service





# AXXERON TECHNOLOGIES GmbH

## SWITCH CABINET CONSTRUCTION

KWR has been developing and constructing control cabinets and systems of various sizes for different target industries for over 30 years. Thirty technically competent and experienced employees and a quality management system that has been in place for many years guarantee consistently high-quality products.

We plan and deliver switchgear from a batch size of one up to series production. In addition to the planning and construction of new switchgear, we also offer the optimization and retrofitting of existing systems. We are also happy to provide extensive support right from the definition of the requirements catalog.

## COMPETENCE AT A GLANCE

At KWR, we take pride in providing our clients with personalized service, developing solutions to their problems, and creating custom-made products.



Switch cabinet construction



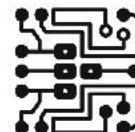
Software Engineering



Electrical installation



Commissioning



Electrical planning

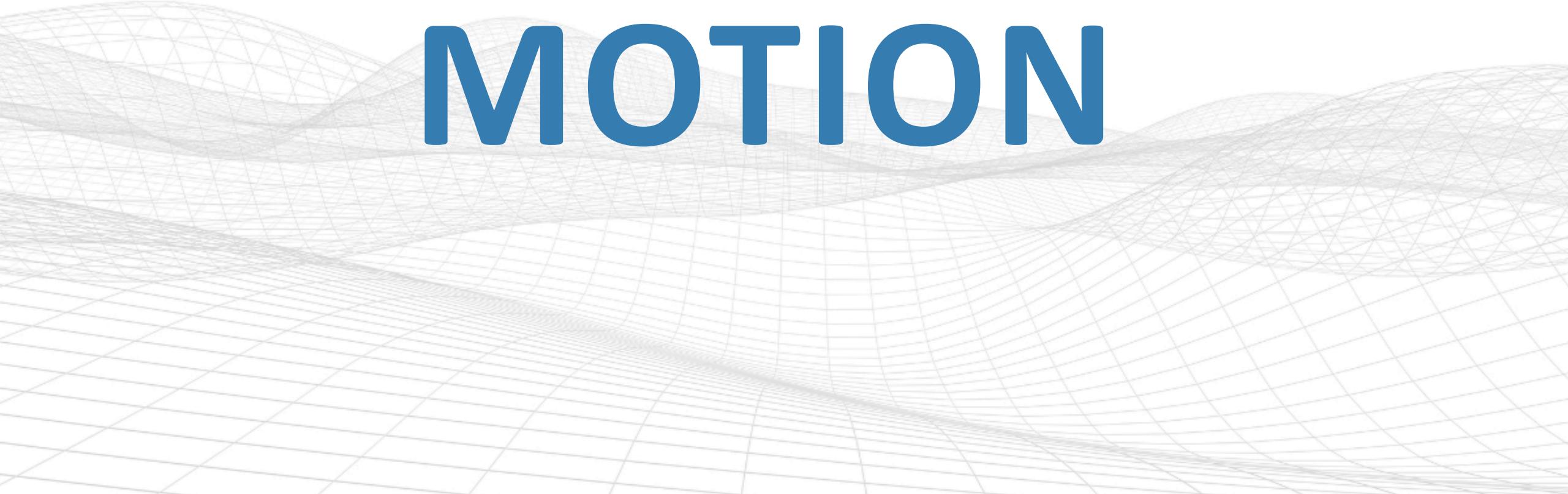


Quality assurance

AXXERON  
TECHNOLOGIES GmbH

BUSINESS UNIT

MOTION



AXXERON Hydrolux S.à.r.l., until September 30, 2024 MOOG Luxembourg, was founded in 1982 in Bettembourg, Luxembourg, under the name Hydrolux and will be an important part of the AXXERON Group from October 1, 2024.

Within the new organization, the existing range of products and services will be continued, further developed and expanded. The AXXERON sister companies complement the range of AXXERON Hydrolux with special cylinders, hydraulic power units and control panels. Together, AXXERON is a system provider.





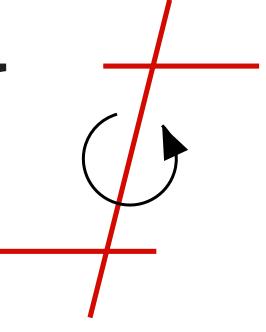
# AXXERON TECHNOLOGIES GmbH

## COMPETENCE AT A GLANCE

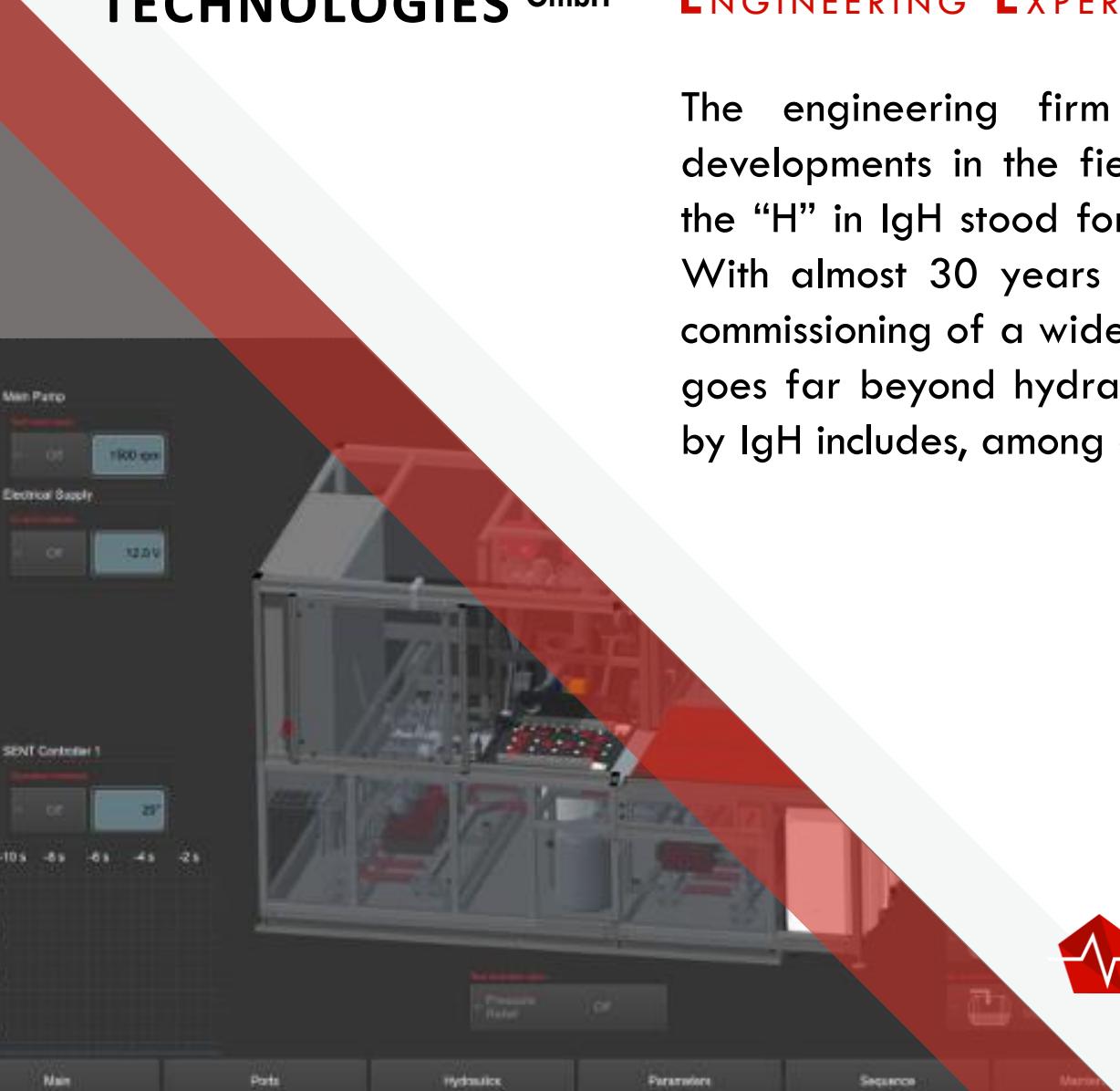
With its best-in-class philosophy, AXXERON Hydrolux impresses its customers with a high degree of application individuality and fast development times thanks to lean and standardized development cycles.

- Servo cartridge valves and proportional valves
- Cartridge valves and covers
- Hydraulic control block systems
- Modular die cushion systems



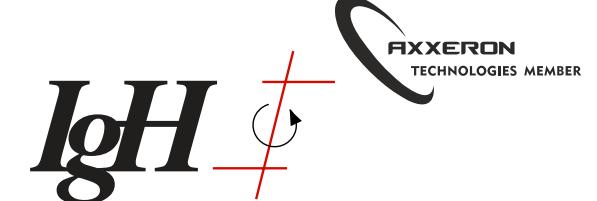
IgH 





The engineering firm IgH from Essen is an expert in special developments in the field of drive and control technology. Originally, the “H” in IgH stood for hydraulics – and this is still the core expertise. With almost 30 years of experience in the design, development and commissioning of a wide range of special projects, the knowledge today goes far beyond hydraulic applications. The range of services offered by IgH includes, among other things:

- Specialized test rig construction
- Specialized solutions for mechanical and plant engineering
- Service and maintenance tools
- Components and subsystems
- Planning and realization of test fields
- Automation technology



## SERVOHYDRAULICS

Servo valves from Schneider Servohydraulics are characterized by high reliability and ease of servicing. The Schneider servo valve program includes valves in one-, two- and three-stage versions in the flow range from 0.4 to 1000 l/min. In addition to the comprehensive standard program, we also supply many application-specific valve versions such as special characteristics, low-leakage pistons, two return edges or highly dynamic valves.

In addition to the extensive standard range, Schneider Servohydraulics supplies a large number of special valves with various application-specific features. Particularly noteworthy are the quick-closing cylinders for low-pressure hydraulics.



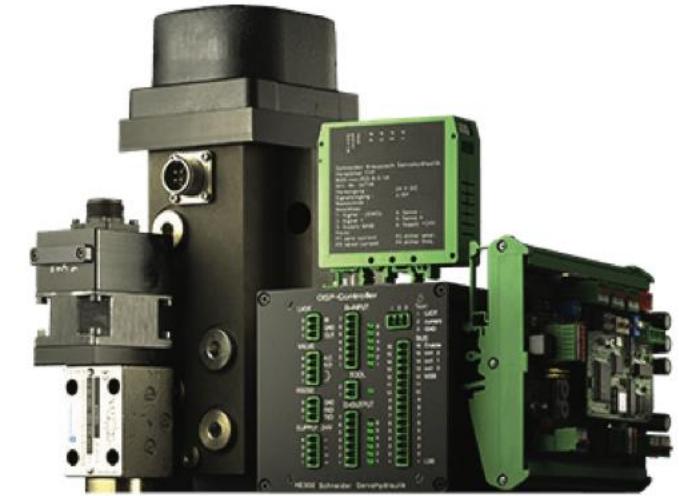
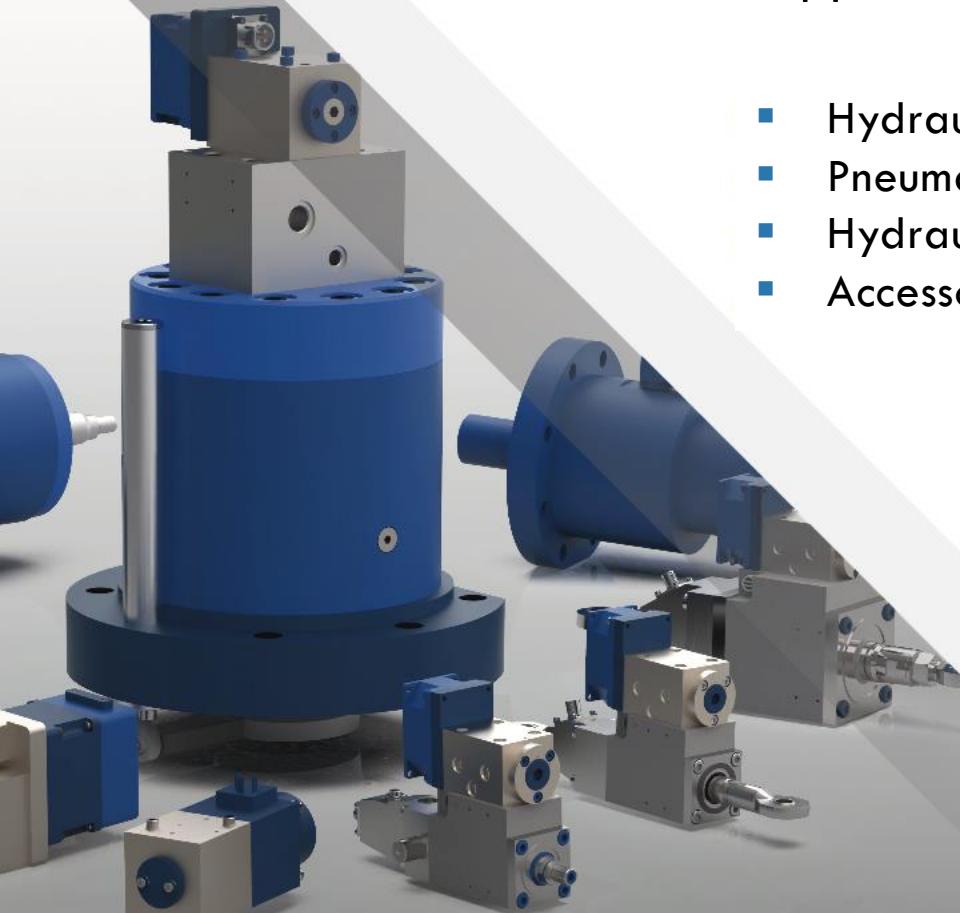
# AXXERON TECHNOLOGIES GmbH SERVICES AND PRODUCTS

Hydraulics drive systems for your applications

- Hydraulics servo valves
- Pneumatic servo valves
- Hydraulic axes
- Accessories for servo valves

- Digital controllers
- Signal converters
- Connection plates
- Flushing plates
- Connector plug



# AXXERON TECHNOLOGIES GmbH CYLINDER MANUFACTURING



Schneider has also specialized in the engineering and manufacture of special hydraulic cylinders as well as their project planning and assembly. Qualified specialist personnel are available for repairs, including repairs of third-party products and on-site assembly.

In the area of medium and large series of hydraulic cylinders, particularly in mobile hydraulics, there is a joint venture with a reputable manufacturer from the Far East. Schneider is responsible for quality assurance on site.

Customers are also offered services and solutions for clean hydraulic oil. Oil condition monitoring and filter systems sustainably increase the productivity of machines and system



Geschäftsbereich **HTG-Zylinderbau**

# AXXERON TECHNOLOGIES GmbH STANDARD AND SPECIAL CYLINDERS





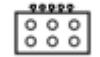
# AXXERON TECHNOLOGIES GmbH

## FLUID POWER (HYDRAULICS AND PNEUMATICS)

The RUPPEL division supplies various customer industries, including the automotive industry, construction and agricultural machinery, conveyor technology, food, packaging and printing machines, as well as medical, environmental and electrical engineering, and the shipbuilding, aviation and aerospace industries with hydraulic power units. The systems are used both as original equipment and for maintenance, repair and servicing.



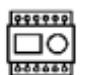
Hydraulic power units



Control units



Valves



PLC control



Motors & Pumps



**RUPPEL**  
Hydraulics



AXXERON  
TECHNOLOGIES MEMBER

# AXXERON TECHNOLOGIES GmbH

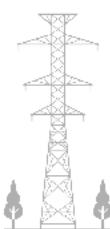
## SERVICES AND PRODUCTS



In addition to the engineering and construction of hydraulic systems, a comprehensive service is offered, as well as maintenance and repair, a spare parts service, training and seminars.

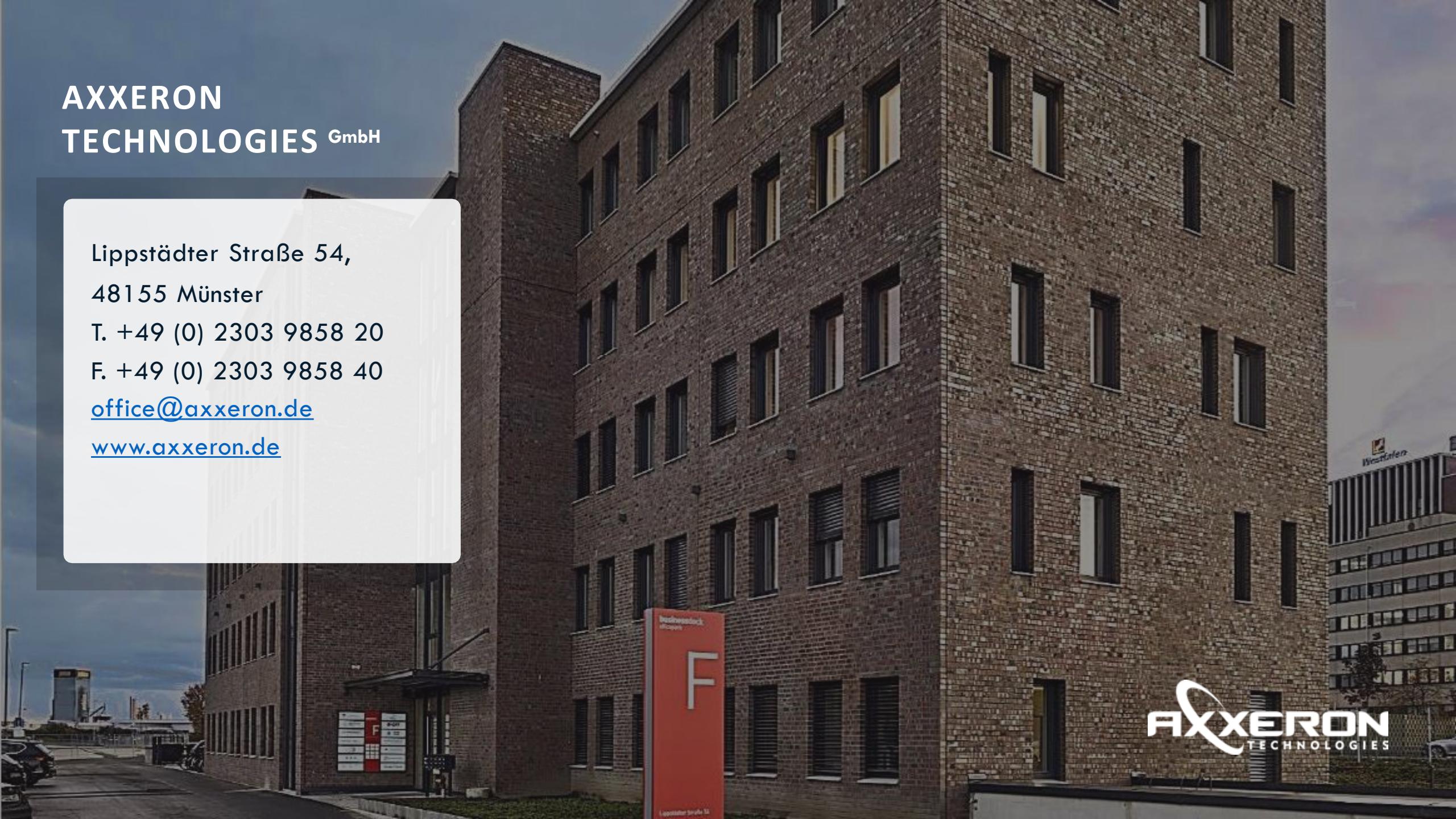
The example shows a unit including a control cabinet and special cylinders from a single source.





# AXXERON TECHNOLOGIES GmbH

Lippstädter Straße 54,  
48155 Münster  
T. +49 (0) 2303 9858 20  
F. +49 (0) 2303 9858 40  
[office@axxeron.de](mailto:office@axxeron.de)  
[www.axxeron.de](http://www.axxeron.de)





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DEVELOPMENT

