



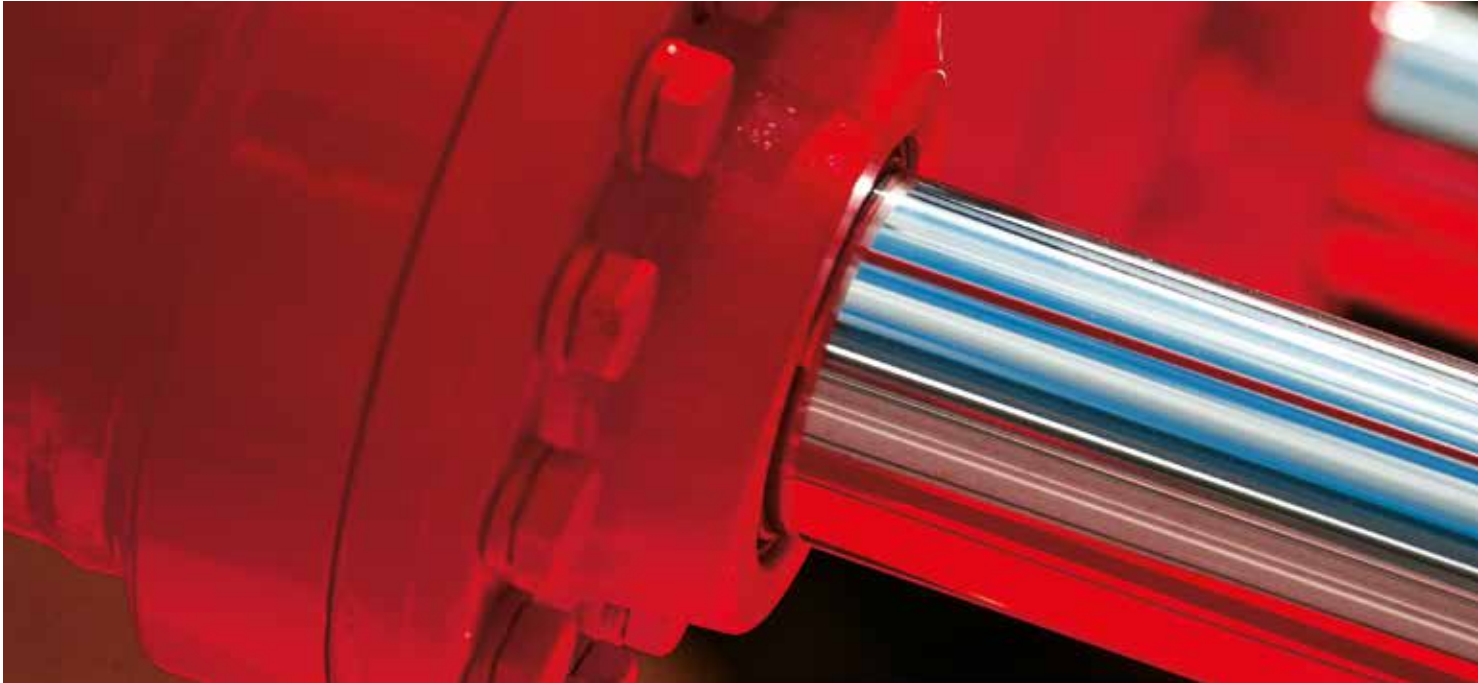
HydroService –

Your specialist for custom
and large cylinders



HYDROSERVICE
ZYLINDERBAU

We manufacture cylinders.



HydroService – A company with tradition

Competence for the future

HydroService is a leading provider of custom and large cylinders. We have developed and manufactured hydraulic cylinders for a large variety of applications for more than 50 years.

Our products range from standard cylinders through large cylinders out to custom cylinders and components for hydraulic systems to meet the highest possible demands.

Decades of experience in developing and manufacturing hydraulic cylinders ensures that machines and plants across the globe have a high degree of availability and long service life.

Most of our products are not off the shelf, rather they are tailor-made to meet the individual requirements of our customers. Our highly qualified development and design team are able to offer you thoroughly and in-depth designed hydraulic cylinders to meet your requirements.



HydroService –
Your competent partner
for individual hydraulic cylinders

Engineering

Using modern 3D-CAD software and FEM analysis, components are designed and simulated.

Any loads or stresses which occur are detected early and taken into account. We develop the best technical and economical solutions for you.

Full service

We offer our customers a comprehensive range of services:

- Consulting
- Engineering (design and development)
- Assembly
- Commissioning and maintenance
- Modernisation and reconstruction
- Repair and spare-part service





HydroService - Compelling services

Products & projects

HydroService is your partner for both standard and custom cylinders. Our main focus is manufacturing to meet our customers' needs and requirements. We would be delighted to construct special or custom cylinders for you, even as a one-off or a small batch.

- Diameters of up to 1,200 mm (further on request)
- Construction lengths of up to 12 m
- Operating pressure of up to 600 bar
- With/without integrated position measuring system
- Proximity switch
- Special seals
- Special coatings
- Different hydraulic media (HLP/ HFC, water emulsion, Quintolubric, PK liquid, etc.)

Service

To be able to complete our service, we offer all relevant services concerning hydraulic systems:

- Custom components
- Approval by major classification companies (GL, DNV, BV, etc.)
- Design of the cylinder taking into account any national and international standards and regulations (DIN, ASME, ATEX, hydraulic steelwork DIN 19704 etc.)
- Assembly and maintenance
- Commissioning
- Modernisation and reconstruction
- Repair and reconditioning work
- Spare parts service

In addition, to complete our product range, we offer a comprehensive range of standard cylinders for a variety of applications.

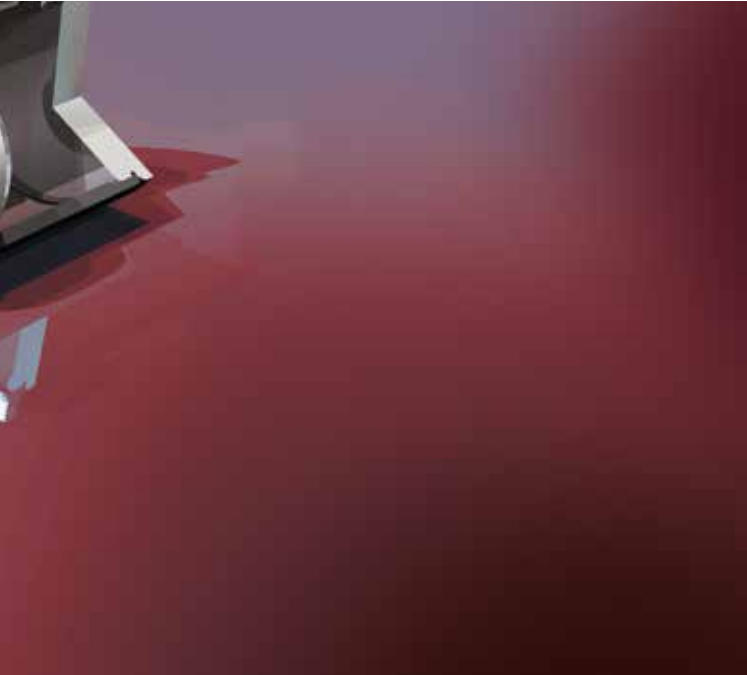
Certifications:

HydroService is certified according to DIN EN ISO 9001:2008.

Each hydraulic cylinder is tested before it is dispatched. The tests are documented in a test report which provides proof of professional execution.

Checked are:

- Pressure and function
- Measurement of the surface quality and coating thickness
- Weld seams (using dye penetration or x-ray methods)



HydroService –
Your developer of technically optimal
and economical solutions

Product range is varied and individual

From A to Z; from adjustment cylinders to telescopic cylinders,
individually made and matched to the actual requirements.

- Adjustment cylinders
- Balancing cylinders
- Bending and work cylinders
- Control cylinders
- Custom components
- Differential cylinders
- Double piston cylinder
- Feed cylinders
- Hollow piston cylinder
- Plunger cylinders
- Press cylinders
- Pulling cylinders
- Roller shifting cylinders
- Spreading and clamping cylinders
- Stamp cylinders
- Synchronous cylinders
- Tandem cylinders
- Telescopic cylinders





HydroService – Internationally successful

Branches

HydroService stands for a comprehensive range of products and services which are used in a huge variety of different industries and applications across the world. Our extensive experience and competence makes us a powerful partner in many industrial areas.

Your project is our challenge. We know the special requirements of your applications and their usage conditions.





HydroService –
Get to know our bandwidth
as a specialist for custom cylinders!

Plant engineering

Hydraulic cylinders are needed in plant engineering. They must be of high quality, offer precise and reliable transfer of force and be usable in the smallest of spaces.

The automotive industry

HydroService develops and produces individual hydraulic cylinder solutions for manufacturers and system suppliers from the automotive industry. They are used, for example, in production lines and also in testing and special machines.

Mining and tunnels

HydroService has designed and created hydraulic cylinders for the mining, tunnelling and opencast mining industries across the globe for the most diverse requirements.

Pressing and forming

Hydraulic cylinders are used in hydraulic presses in the form of shaping, aligning, forging and bending presses, for example.

Metallurgy

Our company has been a competent partner to the German steel industry for many years with its hydraulic cylinders. The sturdy design, which has been adapted to the conditions of use, makes our hydraulic cylinders stand out.

Crane construction and loading equipment

Be it maritime cranes on ships, unloading cranes in ports, ship or land-based loading systems or mobile cranes: HydroService offers you individual solutions for lifting, securing and handling goods.

Marine engineering

HydroService offers a comprehensive range of products for the marine engineering industry. The harsh and aggressive environment places particular demands on both design and construction. The design of the cylinders is always done taking international, national and regional standards and regulations into consideration.

Machine construction

Thanks to our know-how in both design and production of hydraulic cylinders, we have been one of the most valued partners to the machine construction industry for over 50 years.

Offshore

Hydraulic systems for use in offshore applications are, just with every maritime situation, required to withstand extreme climatic conditions and stresses. Since we are a manufacturer with great experience, we know that our customers place the highest possible demands in terms of the reliability of our products.

Hydraulic steelwork

Be it for water regulation in dams and weirs, ship locks, or for hydroelectric power plants and bridges, hydraulic cylinders from HydroService guarantee you high operational reliability and give long service life under extreme conditions.

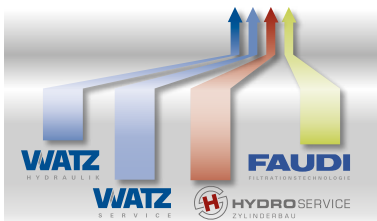


Would you like more information, a quote, or do you have a question about our products and services?

Call us:
+49 (0) 2307 / 97 70 - 0
or send us an e-mail:
info@hydro-service.de

We manufacture cylinders.

A WATZ GROUP COMPANY



HydroService Zylinderbau GmbH
Hemsack 47
59174 Kamen
Germany

Tel. +49 (0) 2307 / 97 70 - 0
Fax +49 (0) 2307 / 76 84
info@hydro-service.de
www.hydro-service.de



HYDROSERVICE
ZYLINDERBAU