

**SPECIAL SOLUTIONS
INDIVIDUAL
CONFIGURABLE
A PERFECT FIT
FROM ONE SOURCE**



HYDRAULICS-SPECIAL CYLINDERS

Aggregates - Controls - Fixture construction



ABOUT US

Are you looking for a partner for special hydraulic cylinders and fixture construction? Then ZS Zylinderbau & Service GmbH is the right partner for you.

The focus of our services is the design and manufacture of special hydraulic cylinders.

Design and construction are carried out in close cooperation with our customers. In this way, we achieve the best possible technical solution for the given requirement.

Application examples:

- Vertical mills, roller mills and roller presses
- Scrap presses and scrap shears
- Forming technology and bending machines
- Stamping and straightening presses
- Mining and steelworks technology
- Roll and tube bending machines
- Pipe testing equipment
- Filter presses
- Test benches
- Steel hydraulics construction
- Weir flaps and sluice gates
- Bascule bridges
- Ship locks

**Under pressure
we bring top performance!**



HYDRAULIC STEEL CONSTRUCTION

We are familiar with the extreme requirements for the design, construction and production of hydraulic cylinders for hydraulic steel construction. Piston rods made of DUPLEX steel, special wipers, as well as high-quality final coatings of the piston rods and the cylinders are frequently deployed.

Environmentally friendly hydraulic oils, the associated special seals and the partial use of the cylinders in and under water place particularly high demands on design and production.

First understand the application, then work out the appropriate solution!



SPECIAL CYLINDERS

4/5

We do not deliver a product off the rack. Each cylinder is unique. Adapted to the requirements of your project and designed for maximum reliability and safety.

Piston diameter up to Ø 1500 mm

Piston rod length up to 14.000 mm

Guaranteed functionality even under the most difficult conditions
– flawless and reliable.

Aggressive media, chemicals, dust, vibrations, pulsating pressure. We develop the solution together with you.

- Test bench cylinders
- Contactor cylinders
- Press cylinders
- Servomotors
- Pendulum piston cylinders (own patent)
- Control cylinders
- Positioning cylinders
- Roller cylinders
- Filter press cylinders
- Grinder cylinders
- etc.



SPARE PARTS / REPAIRS / MAINTENANCE

You need spare parts and accessories for your hydraulic cylinder?

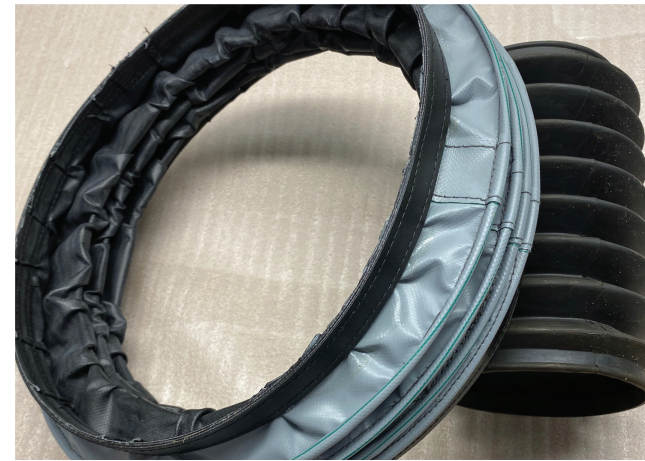
Whether hydraulic cylinders from ZS-Zylinderbau or from other manufacturers, we supply you with the required spare parts. Complete sealing kits, wipers, bellows - in stock or through short-term delivery are available for you.

Hydraulic cylinder defective! - What now?

With more than 20 years of experience in all areas of hydraulic applications and the design of hydraulic cylinders, we are your contact for this situation, because we know what is of immediate importance:

Competent analysis of the damage pattern. Definition of the necessary measures in coordination with the customer. Repair of the cylinder. Creation of a complete test documentation. Delivery of the ready to use product.

We accompany you from the beginning to the end.

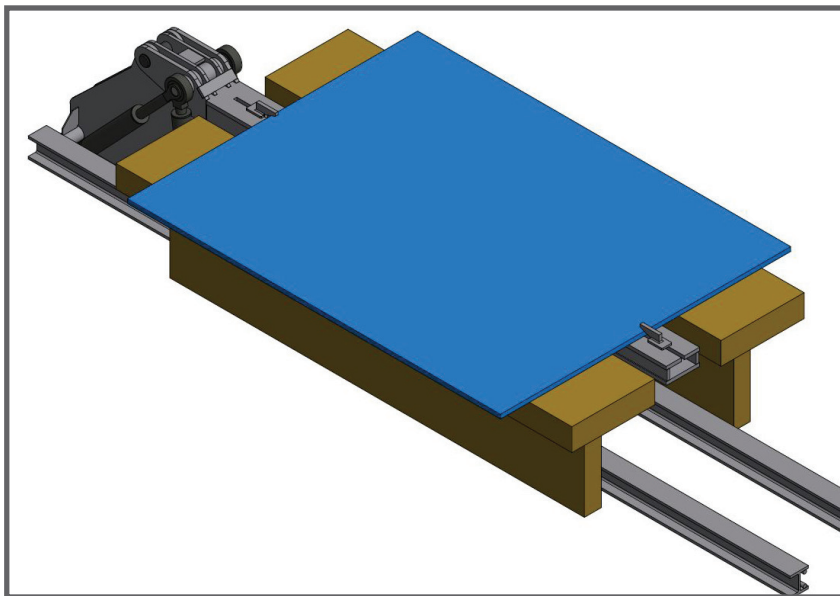


FIXTURE CONSTRUCTION

The application is as varied as the design of a hydraulic cylinder. Here, too, we provide you with solutions adapted to your task.

Our design and development department will work out the required device together with you on the basis of the requirement profile, including the integration of the hydraulic cylinder designed by us. For this purpose, we use our many years of experience in the design and operation of hydraulic systems to implement the most diverse tasks.

This development work culminates in the provision of the overall solution for your requirements in the form of a functional and reliable hydraulic system.

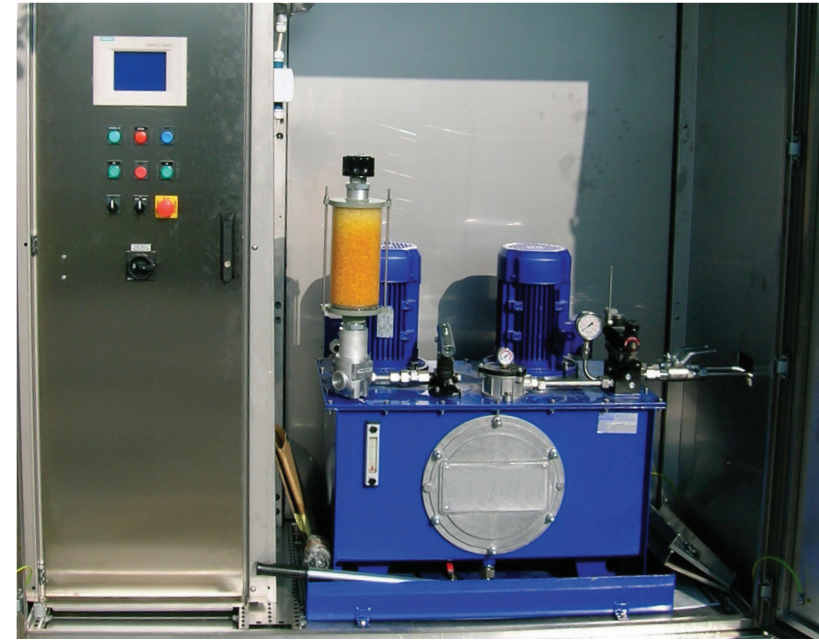


AGGREGATES AND SYSTEMS

Hydraulic power units / System solutions

In addition to our hydraulic cylinders, we also supply the required pump unit and control technology.

If you are looking for a solution from one source - please contact us. We will also be happy to integrate aggregates that you provide. In a joint discussion, the complete system is then created to suit every task.



**Great forces
finely regulated!**



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