

We like a challenge



MBS Hydraulik in Westphalia, Germany has been a reliable supplier of high-quality hydraulic cylinders and control components for more than 30 years. MBS Hydraulik specialists apply their expertise and creativity to develop and produce standard and individual solutions. MBS Hydraulik strives to determine, develop and realize its customers' wishes, requirements and ideas – technically as well as economically. We at MBS Hydraulik are strongly committed to personal communication and comprehensive customer support as the basis for successful cooperation. Our slogan "We make things move" is characteristic of how we handle our orders. In addition to our quality guarantee and customer focus, our company philosophy is also characterised by our spirit of innovation. Being open to new ideas at MBS Hydraulik means going beyond conventional practices, thinking ahead and continuously investing in innovative technologies and staff training. We prove the success of our concept by significant customer benefits such as increase in efficiency and process optimisation.

Ideas for sustained value creation

Maximum operating life, flexible areas of application, functional reliability and efficiency are decisive criteria for MBS Hydraulik. In addition to premium products from the MBS Hydraulik product range, our engineers and technicians design individual solutions to meet your specific requirements: They are completely assembled as standard or special versions and are available in all sizes and quantities. Whether you require a special surface finish, reusable transport packaging or optimised manufacturing and production sequences with perfect connection to your machines, MBS Hydraulik also helps you improve your logistics systems. Our standard product range encompasses customised hydraulic cylinders for pressures of 10 to 500 bar. The combined welded and bolted structures are simple to dismantle to allow quick and easy replacement of all wear parts at any time. We also offer designs suitable for the use of approved bio-oils.

Plunger cylinders

25-450 mm, strokes up to 6000 mm, single-acting cylinders

Telescopic cylinders

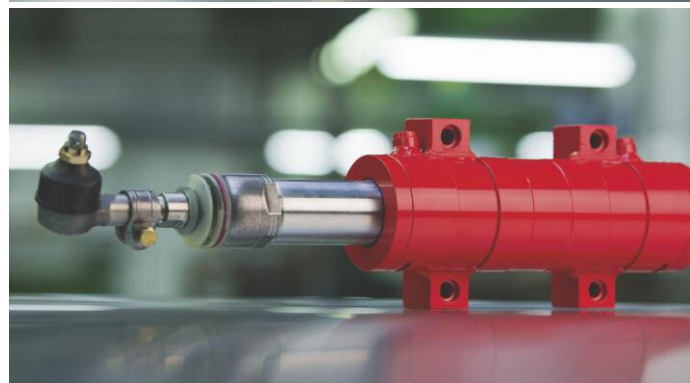
strokes up to 8000 mm single and double-acting, up to 4 stages

Differential thrusters

25-300 mm, strokes up to 6000 mm, double-acting cylinders

Special cylinders

25-300 mm, strokes up to 6000 mm



Precision for a wide range of applications



Hydraulics for crane construction

MBS Hydraulik's products meet the highest standards. This is guaranteed by high-quality materials from selected suppliers and state-of-the-art CAD technology, and above all by our experienced staff and continuous quality control. MBS Hydraulik cylinders are currently used in many different areas.

Hydraulics for materials-handling, lifting and transport technology

MBS Hydraulik manufactures special hydraulic cylinders for conveying and lifting technology. All safety-relevant elements are already integrated in the hydraulic cylinder.

Hydraulics for vehicle construction

Hydraulic cylinders in automotive engineering, in particular, are exposed to all types of stress. Perfectly adapted to your automotive technology, MBS Hydraulik's cylinders considerably enhance efficiency and operating convenience, for example with end of stroke damping.

Hydraulics for mechanical engineering

Hydraulic cylinders for mechanical engineering must offer precision, strength and durability. MBS Hydraulik's cylinders guarantee a high number of cycles and high frequency to ensure problem-free, profitable operation of your machines for a long time.

Hydraulics for special tasks

Tough applications require specific product properties. MBS Hydraulik will find solutions to meet the toughest applications, such as extreme environmental conditions. Corrosion protection, special seals at high temperatures and fluids and fitted control valves are only a few of the possibilities for adapting hydraulic cylinders to your exact requirements.



Safety with certified standards



As far as hydraulic cylinders are concerned, quality is synonymous with safety. Failure of materials or technology can have fatal consequences. MBS Hydraulik is aware of its responsibility. We pay the greatest attention to every single step, from consultation and planning to design and construction. Clearly defined responsibilities, flat organisational structures and complete documentation of the entire order handling process form the basis of our quality management system. This ensures short communication channels and transparency right from the beginning – both internally and externally. Therefore, our well coordinated team of experts is able to realise special designs even at short notice. In addition to in-depth consultation and personal customer service, MBS Hydraulik's comprehensive ser-

vice also includes installation, repair, maintenance and commissioning on site. Our order-orientated merchandise information system takes all economic aspects into consideration. On-time scheduling, supply capability and smooth processes are a matter of course at MBS Hydraulik. To ensure that our products reach the customer in perfect condition, we have also developed a well thought-out, customer-friendly logistics concept: MBS Hydraulik's cylinders, for example, are always delivered in special packaging and transport racks. MBS Hydraulik guarantees top quality for every single product, prototype or series production. Our certification confirms this.



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Hydraulics and Control

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Hydraulic cylinder and control components

