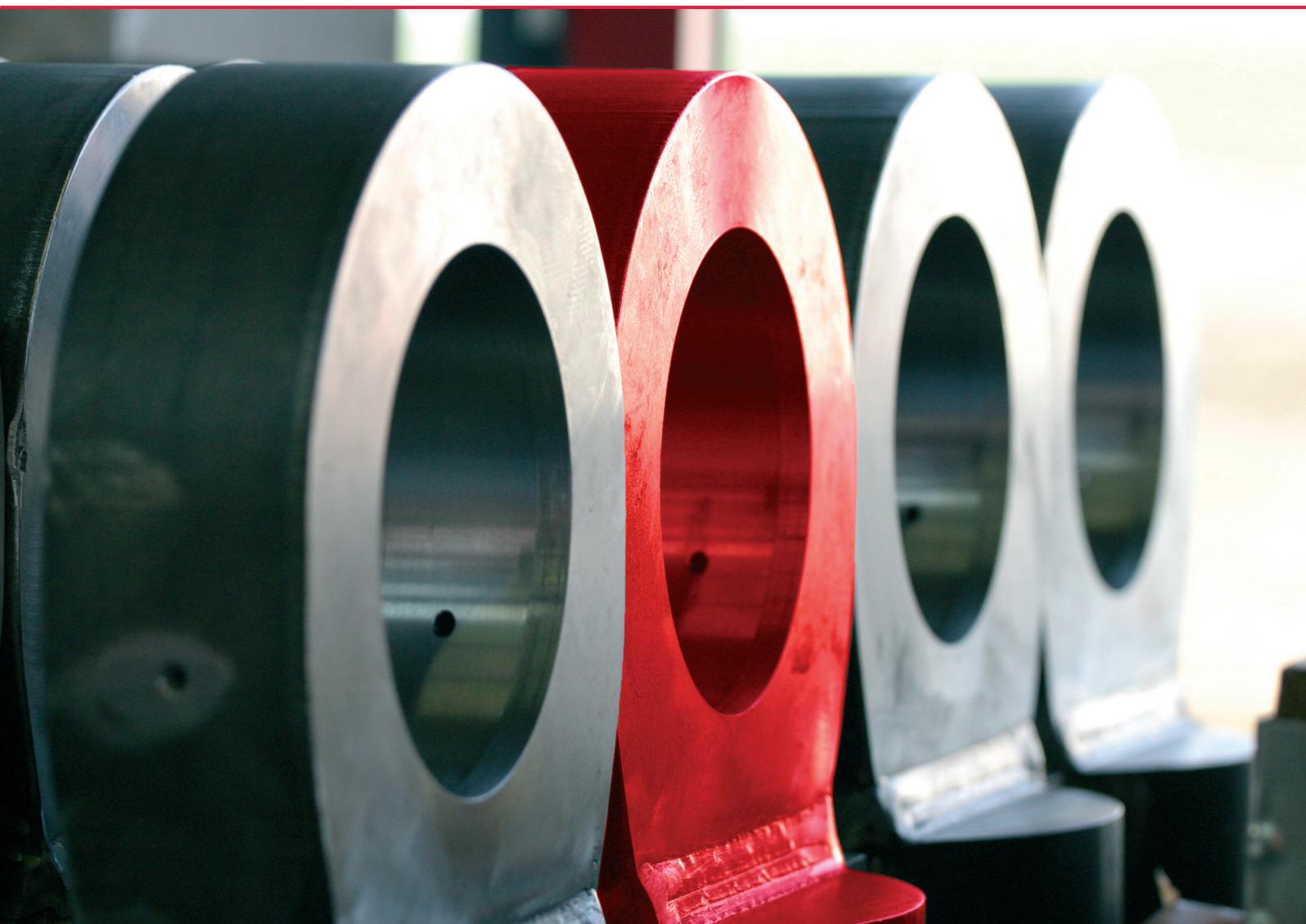


Hydraulic Cylinders

Power and precision in every stroke



New standard
cylinder portfolio

Robust Solutions for Your Application

Mobile hydraulics has proven to be a strong motor for continuous development. This aspect contributed toward expanding the range of support hydraulics for mobile excavators and other applications. Today, we supply a multitude of renowned manufacturers in these sectors with our special cylinder program. Our extensive expertise supports you right from the development phase of the required hydraulic systems. Throughout the entire project, we provide the technical groundwork to find the perfect solution together with you.

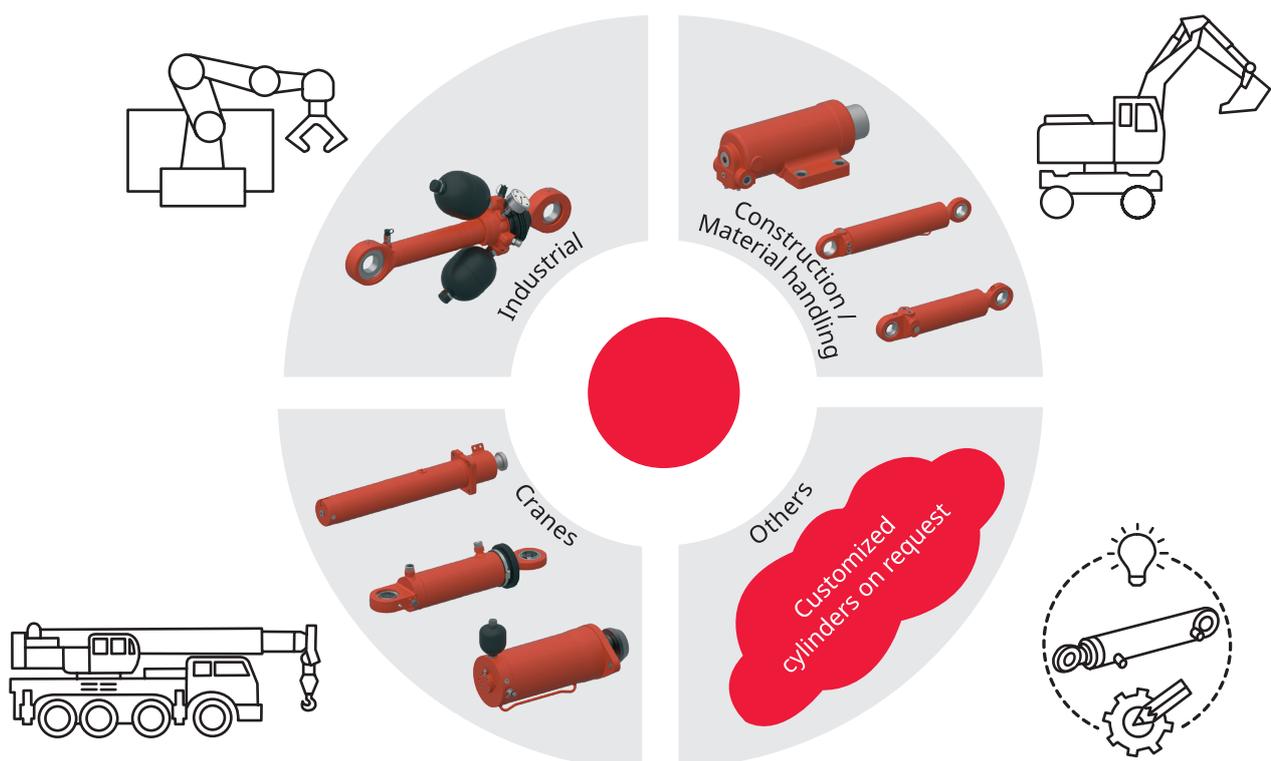
Technical data

- Piston Ø up to 240 mm
- Stroke up to 1200 mm
- Pressure up to 650 bar
- Weight up to 400 kg

Features and benefits

- Very reliable anti-leakage features
- Visually appealing and robust construction
- For use under the harshest conditions
- Long bearing life
- Optional for low-temperature service
- Good cost-effectiveness for the customer
- Higher stability of the machine due to preloading
- Wide range of variants available, enabling a rapid response to your requirements

Products and applications



Standardized dimensions

Axle lock cylinders

Axle lock cylinders are used for locking the oscillating axle in mobile construction machines.



Hydraulic specifications

Rod Ø	70 ... 150 mm
Stroke max.	200 mm

Only one line to cylinder.
Hydraulic or electric piloted.

Stabilizer and dozer-blade cylinders

Stabilizer cylinders are safety-related components that are subjected to enormous loads. The dozer-blade cylinders with solution for trailer option.



Hydraulic specifications

Piston Ø	85 ... 200 mm
Rod Ø	50 ... 115 mm
Stroke max.	790 mm
Dead length min.	285 mm

Higher stability with integrated valve solution.

Counterbalance cylinders

Counterbalance cylinders are used for energy saving in robots and industrial machines.



Hydraulic specifications

Piston Ø	32 ... 100 mm
Rod Ø	25 ... 60 mm
Stroke max.	550 mm

+ A variety of customized cylinders on request.

Suspension cylinders

Suspension cylinders are used for hydro-pneumatic suspension systems.



Hydraulic specifications

Piston Ø	80 ... 100 mm
Rod Ø	50 mm
Stroke max.	300 mm
Dead length min.	290 mm

Optional with position detection.

Smart Solutions. Superior Support.®

[bucherhydraulics.com](https://www.bucherhydraulics.com)

Bucher Hydraulics Erding GmbH
Albert-Einstein-Straße 12
85435 Erding
T +49 8122 97130
www.bucherhydraulics.com