

HEUWINKEL

& BOENIG

HYDRAULIC



Hydraulic

HYDRAULIC Repair/Overhaul

---Independently from manufacturer---



- Cylinders
- Pumps
- Motors
- Valves
- Power units



Disassembly of a dual-action cylinder on specially produced chain vices.



An entrepreneurial team since 1998: Directors Michael Heuwinkel and Georg Boenig.

HEUWINKEL & BOENIG H Y D R A U L I C

YOUR COMPETENT PARTNER IN THE MATTER OF HYDRAULIC FROM A-Z

More than 20 years of experience in repairing all types of hydraulic components.

Damage analysis for hydraulic components and repair cost estimates. We also work with the customer on the conceptual design and mechanical production for damage prevention. Our company has years of experiences with many satisfied customers.

Conversions, circuit diagrams, design development and recommendations for improvement to prevent future issues are all part of day-to-day work at our company. Regardless of the manufacturer and on time.

We produce our own piston rods, dampers, cylinder heads, etc. Our manufacturing facility can create hard to come by spare parts for pumps, motors and valves to allow our customers to make their workflows more efficient, optimise processes and keep downtime to a minimum.

Our services are complemented by assembly, spare parts sales and training for your staff.

Our motto is:

The customer should come back – not the product!

OVERVIEW AND QUALITY IN OUR WORKSHOP FROM A-Z

Our electronic data processing system with integrated deadline monitoring creates detailed timelines for the various work steps, which are then immediately passed on to the workshop.

From receipt to shipping, the components pass through a rigorous quality control process.

This means we can guarantee product of the highest grade and provide you with information on the status of your order any time.

Our workshop of more than 900m² offers the ideal conditions for a smooth workflow for the components to be repaired. Piston rods and cylinder tubes of up to 6,000 mm in length can be processed or manufactured in our machining centre. All services are kept in-house to reduce the cost and time required to perform our manufacturing and repair processes. Our facility includes an overhead crane, a proprietary test bench and painting stand.

By separating clean and less clean working processes we also guarantee the clean handling of your order.



GOODS RECEIPT + DATA INPUT

Once we receive the goods, all orders are recorded in our IT system. Our commercial staff can inform you about the status of your order at any time.

DISASSEMBLY + DOCUMENTATION

During disassembly all measured data and damage is recorded in writing and used as a basis for calculation. If the customer requires, we can provide digital photographs of the damaged parts and send these immediately via e-mail.

DAMAGE ANALYSIS + CALCULATION

We offer more than just a cost estimate and time to repair. We also offer fault analysis to determine why the component failed in the first place. This can help reduce future occurrences of failure and extend the service life of replacement parts.



DESIGN + PRODUCTION

Suggestions for improvements and design optimisation can be planned and produced in-house if desired by the customer. New designs can be manufactured and assembled in our manufacturing center.

REPAIR + TESTING

Once the order has been confirmed, repairs are carried out and the device checked against specifications with the aid of a test bench developed in-house that leverages routing and pressure control.

TOUCH-UP + DELIVERY

The hydraulic components are given a touch-up prior to delivery on our own painting stand so that can look and work like new.

CUSTOMER + SATISFACTION

Because the customer should come back, not the product!



Mechanical production on the milling machine



Mechanical production on the lathe

BRAND-INDEPENDENT REPAIRS

Turning old into new!

Repairs of all types of hydraulic components from all manufacturers, for example hydraulic cylinders, hydraulic pumps, hydraulic motors, hydraulic valves or pressure accumulators.

RETAIL FROM A-Z

Always well prepared!

In order to perform repairs without delays we always stock a wide range of all types of components from every manufacturer such as hydraulic valves, seals, accessories and much more.



HEUWINKEL & BOENIG H Y D R A U L I C

FINAL CHECK QM

Hydraulic test benches

Pump and motor test with proportional controlling for open and closed circuits.

Power: 140 KW

Cylinder test benches with proportional controlling.

Power: 55 KW

Valve test benches for directional valves, pressure valves, flow control valves with proportional controlling.



Final check type A7V0250
Bosch Rexroth



Control station test bench 1
incl. digital evaluation

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