

CLASSIFIED CATALOGUES

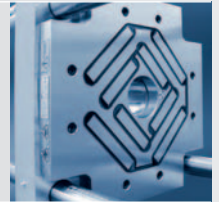
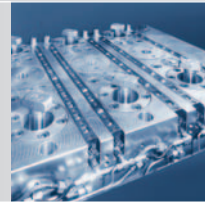
of the ROEMHELD Group



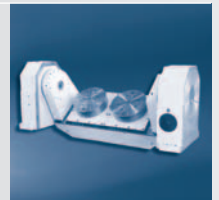
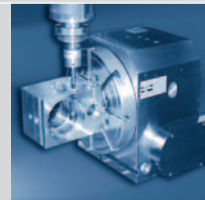
Power workholding



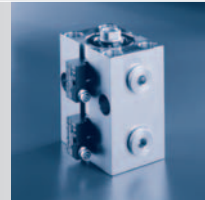
Die clamping systems



N/C rotary table systems



Hydraulic cylinders



Assembly and handling technology



Power workholding

ROEMHELD

Catalogue
Power workholding

- Hydraulic clamping elements | Hydraulic work supports
- Hydraulic cylinders
- Hydraulic valves
- Clamping power units | Hydraulic pressure generators
- Rotary couplings | Hydraulic couplings
- Concentric clamping elements
- Fixture clamps
- Hydraulic workpiece clamping systems
- Pneumatic elements



HILMA

Catalogue
Workholding

- Machine vices with power assist
- Clamping systems for machining in 5 axes
- Flexible clamping system VarioLine
- Standard fixtures for preforms
- Double clamping systems | Multiple clamping systems
- Tower clamping systems for horizontal machining
- Customer-specific solutions
- Concentric vices
- Compact clamping systems



STARK

Catalogue
Zero point mounting systems

- SPEEDY classic – mechanical clamping, hydraulic release
- SPEEDY metec – the mechanical zero point mounting system
- SPEEDY airtec – the pneumatic fast-closing clamp plate
- SPEEDY hydratec - hydraulic double acting
- Versions with media ducts, controls, center locking and integrated blow-off
- SPW - pallet changer
- Set-up and adjustment places
- Plates, angle brackets and cubes



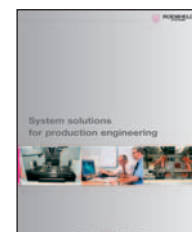
ROEMHELD

Brochure
Systems

Analysis, consultation, design and delivery of clamping and positioning systems for production engineering.

Complete solutions, in principle consisting of modules and standard components of the ROEMHELD Group

- Engineering and service
- Modular clamping and fixture systems for horizontal machining, vertical machining and machining from 5 sides
- Customer-specific clamping and positioning systems



Die clamping systems

HILMA

Catalogue
Die clamping systems

Die clamping and changing systems for press automation:

- hydraulically adaptive, hydraulically movable, hydraulically integrated
- electromechanical
- mechanical
- magnetic

Clamping power units

Die changing technique
Roller bars, ball bars, consoles and changing carts



HILMA

Brochure
Magnetic clamping technique

Magnetic clamping technique for plastic and rubber industry.

For injection moulding machines, rubber presses, die casting machines and presses for metal forming.

- M-TECS 130 - the quick-changing system for thermoplastics. Temperature stable up to 130°C
- M-TECS 210 - the quick-changing system for elastomers and duroplastics. Temperature stable up to 240°C



N/C rotary table systems



- N/C rotary tables DA – direct drives with Torque motor
- N/C rotary tables DR – rotary tables with hydraulic locking
- N/C rotary tables TT – rotary tables with HIRTH gearing
- N/C rotary tables TG – N/C indexing devices with hydraulic locking
- N/C multi-axis swivel systems with Torque drives or with electro-mechanical drives



Brochures
N/C rotary table systems

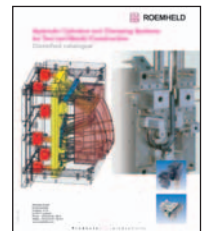
- Pallet changers
- Contactless transmission of signals for rotary tables

Hydraulic cylinders



Double-acting hydraulic cylinders for use in tool and mould construction and other industries in which linear movements have to be effected hydraulically.

- Hydro-cylinders
- Universal cylinders
- Threaded-body cylinders
- Built-in elements
- Block cylinders
- Hydraulic slides



Catalogue
Hydraulic cylinders

Assembly and handling technology



Only in German language available

Handling technology *modulog* modular system
 Modules for lifting, rotating, tilting and moving of workpieces up to 1,000 kg. All modules are complete functional units that can be easily combined to built multi-functional units.

Assembly tables for lifting, swivelling and rotating of workpieces.

Press-in devices for power-operated processes such as jointing, pressing-in, jolting, deforming and riveting. Nominal pressure force 25 to 150 kN.



Catalogue
Assembly and handling technology

Electronic catalogues on CD-ROM



RIC – ROEMHELD Interactive Catalogue

CAD component library geolib3D, PDF data sheets, PDF operating instructions and selection aids for products.



Zero point mounting systems

PDF catalogue, brochures and videos.

Brochure of Friedrichshütte GmbH



Brochure
The quality in grey iron and nodular iron

Castings made of grey iron and nodular iron including machining and surface treatment.

Only in German language available



ROEMHELD

Elements and systems for production engineering

Römheld GmbH Friedrichshütte
www.roemheld.com



HILMA

Clamping systems and standard fixtures
for metal cutting and non-cutting manufacturing

Hilma-Römheld GmbH
www.hilma.de



STARK

Zero point mounting systems

Stark Spannsysteme GmbH
www.stark-inc.com



N/C rotary table systems for machine tools,
machining centres and special machines

Fertigungstechnik Weißenfels GmbH
www.ftw.info



FRIEDRICHSHÜTTE

Quality in grey iron and nodular iron
Complex cast parts – completely machined

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