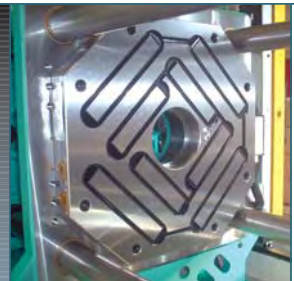
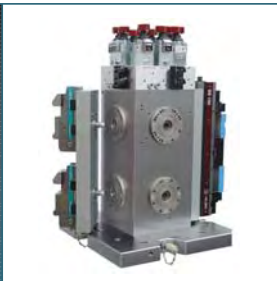




ROEMHELD

Innovative solutions for productivity

Product overview



A MEMBER OF THE ROEMHELD GROUP



ROEMHELD

Hydraulic workholding

The name and corporate look may have changed, but the service, quality and innovative product ranges that are the trademarks of Roemheld (UK) Ltd, remain the same.

The Roemheld workholding product range includes:

- **Hydraulic power workholding components**
- **Hydraulic power units**
- **Linear units – hydraulic and electrical**
- **Swing clamp**
- **Work supports**
- **Block cylinders**



ROEMHELD

Assembly equipment

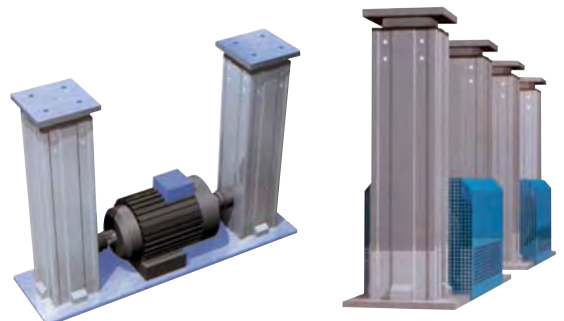
In a drive to optimise assembly processes and offer economic alternatives for automated systems, Roemheld has developed special high performance telescopic lifting units for the automotive industry and similar fields of application.

These innovative lifting units enable motor-driven height adjustments of assembly fixtures, supply systems and working tables as well as controlled lifting and lowering of charges.

With an admissible lifting capacity of 7500N and an admissible lifting speed of 300Nm, these units enable the absolute synchronisation of columns, with no locking between columns possible.

Benefits include:

- **Absolute synchronisation of columns**
- **Easy integration into the automated process**
- **Unlimited accessibility**
- **No locking between columns possible**
- **Long life and high operating safety**
- **High processing speed**
- **Precise positioning in rapid and creep speed**
- **Optimised protection of operators**
- **Working conditions are ergonomically improved**





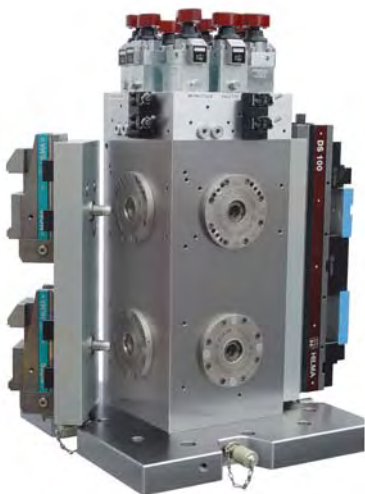
Zero Point technology

Stark specialises in high technology, innovative Zero Point Mounting systems. These revolutionise set-up times and keep downtime to a minimum.

Stark Zero Point Mounting systems combine high accuracy with ease of use across a wide range of applications. The compact construction of the elements enables them to be used for fixtures and cubes as well as attached directly to machine tables. Vertical and horizontal applications.

Stark Zero Point Mounting system benefits:

- High accuracy
- Compact construction
- Customised solutions
- Optimised set-up times
- Reduced downtime
- Innovative technology
- Modular design



Reduce set-up times

The Stark SPEEDY Module Plate offers companies a low cost entry to high tech clamping and is suitable for mounting on any machine table. External setting-up is fast and efficient: extending and releasing machine production times. It is also suitable for a wide range of high accuracy machining applications thanks to repeatable positioning of less than 10 microns.

SPEEDY Module Plate system benefits:

- Low cost entry
- Flexible and module extensions
- Easy to mount on any machine table
- Significant savings in set-up times
- External setting-up extends machine production cycles

SPEEDY MODULE PLATES GUARANTEE INCREASED EFFICIENCY IN PRODUCTION





HILMA

Vice systems

In today's production, decreasing batch sizes and constantly varying workpiece geometries require highly flexible clamping systems.

Hilma Roemheld products are designed to offer increased efficiency, reduce change-over times and provide savings in downtime. Resulting in cost-effective, quick, safe clamping across a wide variety of different applications whether you're looking for mechanical or hydraulic workholding solutions.

The vice systems product range includes:

- **Standard machine vices**
- **Flexible positioning and clamping systems**
- **Double clamping systems**
- **Tower clamping systems**
- **Multi clamping systems for machining centres**
- **Customised systems**
- **Concentric vices**
- **Compact systems**
- **Standard and special jaws**
- **Mini clamp system**
- **System Bock - aluminium**



HILMA

Reduce change-over times on presses with Hilma Roemheld die clamping techniques

Choice of clamping elements is key to reducing the time taken changing dies on presses. Die changing frequency, design features of the machine, dies used and press periphery are also important considerations.

Hilma Roemheld will work with you to help you develop the best die clamping system for your particular needs. Our products and expertise can help you achieve the following:

- Reduced set-up times
- Increased productivity
- Easier operation
- Consistent workpiece quality

The die clamping product range includes:

- **Sliding clamps**
- **Hollow piston cylinders**
- **Clamping bars**
- **Swivel and pull**
- **Swing sink clamps**
- **Wedge clamps**
- **Travelling clamps**
- **Mechanical clamps**
- **Die carts**
- **Power units**
- **Rollbloccs**
- **Consoles**





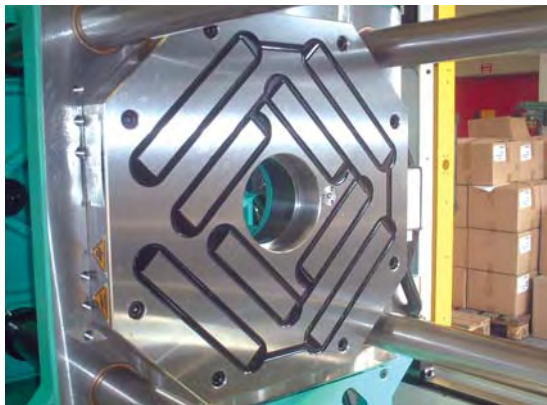
HILMA

M-TECS, from Roemheld, is an innovative, quick change, magnetic clamping system for the plastic, rubber processing industry and standard press applications

Small batches mean frequent die change, but using M-TECS magnetic clamping systems from Hilma-Roemheld can reduce downtime and set-up costs, increasing productivity.

Suitable for:

- **Thermoplastics, duroplastics and rubber**
- **Horizontal and vertical machines and can be easily retrofitted**
- **Temperature resistance up to 130° and 210° centigrade**
- **Processing large workpieces, bumpers, dashboards and production of 'O' rings**
- **Safety and reliability due to the fact that the system operates independently of any power source**



Roemheld Interactive Catalogue

now available with 3D modelling!

The new Roemheld Interactive Catalogue is a design and cost planning tool which enables customers to easily select the correct clamping elements for each particular application or order.

A new 3D modelling facility ensures even greater accuracy and is suitable for use with STEP, Parasolid, ACIS, DXF, WRL, PDF and SpinFire3D software.



Take advantage of our information technology via the Internet

website: www.roemheld.co.uk
e-mail: sales@roemheld.co.uk

Increasing productivity across industry

Developments in the Aerospace and Automotive industries during the last few years have resulted in the continued diversity of the Roemheld Group.

Acquisitions have been made to strengthen its customer offering and the Group has built a reputation as an innovative partner within the industry.

Roemheld now supplies all aspects of workholding, including the latest technology in Zero Point Mounting Systems from Stark. This product has tremendous potential as it can reduce both set-up times and the amount of re-work/scrap going through the workshop. Making production more effective and enabling businesses to become more competitive.

As part of the **ROEMHELD Group**, Roemheld UK specialises in supplying hydraulic clamping elements for fixtures, machine vice systems, clamping systems for presses and plastic injection machines as well as assembly components for pressing and joining. All products are designed to meet the most exacting demands and expectations of customers - today and well into the future.

Roemheld Productivity Challenge

All of your workholding requirements from one single source

- now including Stark Zero Point System

System Bock machine vices



Clamping sleeves



Palletising systems - manual and automatic



Want to find out more?

If you are interested in finding out more about Roemheld products and services or would like a no obligation quote, please contact us on:

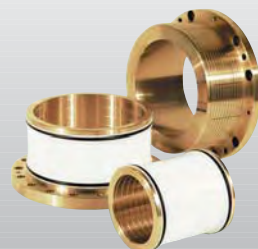
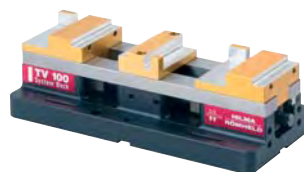
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All your workholding requirements from a single source



Member of



MEMBER

Metalforming Machinery Makers' Association Limited



ROEMHELD

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