Program summary

Die clamping and changing systems

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# Program summary  Die clamping and changing systems

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<td>Hollow piston cylinders</td>
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<td></td>
<td>Rapid clamping systems&lt;br&gt;electrically or pneumatically adjustable</td>
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Product group 4
Hydraulic clamping elements
Integrated

- Swing sink clamps
- Swing clamps
- Pull clamps
- Pull clamps with T-slot
- Built-in pistons
- Grip rail couplings

Product group 5
Electro-mechanical clamping elements

- Swivel and pull clamps
- Electric wedge clamps

Product group 6
Mechanical clamping elements

- Sliding clamps with integral high-pressure spindle
- Clamping nuts, mechanical without clamping force display
- Clamping nuts, mechanical with clamping force display
- Clamping nuts, hydro-mechanical with clamping force display
### Product group 7

**Hydraulic power units**

| Series D 8.0115  
3.5 l/min, 500 bar |
|---------------------|

Power units in modular design  
0.9 to 12 l/min, 30 to 500 bar

### Product group 8

**Changing technology**

| Roller and ball bars or inserts  
with spring pack |
|---------------------|

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### Römheld Rivi

**Magnetic clamping technology**

| Magnetic clamping systems M-TECS 80  
for sheet metal forming  
temperatures up to 80 °C |
|--------------------------|

| Magnetic clamping systems M-TECS 120  
for injection moulding machines  
temperatures up to 120 °C |
|--------------------------|

| Magnetic clamping systems M-TECS 240  
for the rubber and Duroplast industry  
temperatures up to 240 °C |
|--------------------------|

For more information see  
[www.roemheld-group.com](http://www.roemheld-group.com)
Clamping bars installed in press bed and ram. Easy feeding of dies by die change consoles and roller bars installed in the T-slots of the press bed.

Swing sink clamps in a double-column press (tie rod extended in swing position)

Roller bars with hydraulic lifting integrated in a press bed

5-stage drop forge equipped with wedge clamps and directional control poppet valves to control the individual stages

Swing clamps in the press ram. Die change position; ram in upper position, swing clamp extended

Scrolling clamp with T-slot adapter in press bed and ram, roller bars and carrying consoles for tool insertion

Die changing system adapted to the press

Electrical rapid clamping system with push chain fixed to the press ram of a double-column press

Swing clamps in the press ram. Die change position; ram in upper position, swing clamp extended

Sliding clamp with T-slot adapter in press bed and ram, roller bars and carrying consoles for tool insertion

Roller bars with hydraulic lifting integrated in a press bed

Swing clamps in the press ram. Die change position; ram in upper position, swing clamp extended

Sliding clamp with T-slot adapter in press bed and ram, roller bars and carrying consoles for tool insertion

Die changing system adapted to the press
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Römheld GmbH
Friedrichshütte
Römheldstraße 1–5
35321 Laubach
Germany
Tel.: +49 6405/89-0
Fax: +49 6405/89-211
E-mail: info@roemheld.de
www.roemheld-group.com

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

Hilma-Römheld GmbH
Schützenstraße 74
57271 Hilchenbach
Germany
Tel.: +49 2733/281-0
Fax: +49 2733/281-169
E-mail: info@hilma.de
www.roemheld-group.com

Magnetic clamping systems

Römheld Rivi GmbH
Schützenstraße 74
57271 Hilchenbach
Germany
Tel.: +49 2733/281-100
Fax: +49 2733/281-102
E-mail: info@roemheld-rivi.de
www.roemheld-group.com

Intelligent zero point clamping systems

Stark Spannsysteme GmbH
Römergrund 14
6830 Rankweil
Austria
Tel.: +43 5522/374 00-0
Fax: +43 5522/374 00-700
E-mail: info@stark-roemheld.com
www.stark-roemheld.com