



Program summary





Die clamping and changing systems

Hydraulic clamping elements		
Electro-mechanical clamping elements		
Mechanical clamping elements		
Magnetic clamping technology		
Changing technology		
Hydraulic power units		



Program summary Die clamping and changing systems

Product group 2	
Hydraulic clamping elements stationary	
	
Clamping block sliding clamps	Wedge swing clamps
	
Clamping block angular clamps	Extending clamps
	
Clamping bars	Hollow piston cylinders
	
Double-T clamping bars	Spring clamping cylinders
	
Swing sink clamps for exterior clamping	Wedge clamps for tapered clamping edge
	
Pivot and pull clamps	Wedge clamps for flat clamping edge

Product group 3
Hydraulic clamping elements adjustable

Sliding clamps

Angular clamps

Hollow piston cylinders

Rapid clamping systems electrically or pneumatically adjustable

Product group 4

Hydraulic clamping elements
integrated



Swing sink clamps



Swing clamps



Pull clamps



Pull clamps with T-slot



Built-in pistons



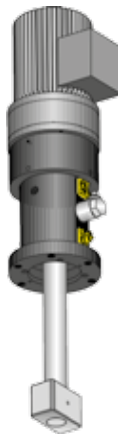
Grip rail couplings

Product group 5

Electro-mechanical clamping elements



Swivel and pull clamps



Swing 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



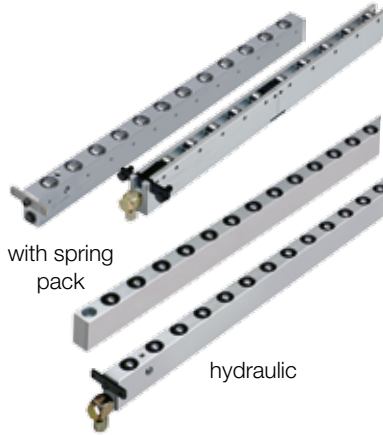
Power units in modular design
0,9 to 12 l/min, 30 to 500 bar



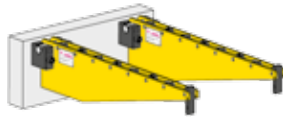
as per customer's request

Product group 8

Changing technology



Roller and ball bars or inserts



Carrying consoles, hanging



Carrying consoles, supported



Carrying consoles, driven



Die changing carts

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

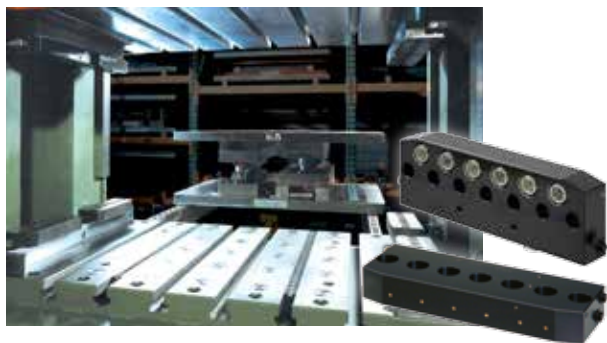


Magnetic clamping systems M-TECS 240
for the rubber and Duroplast industry
temperatures up to 240 °C

For more information see
www.roemheld-group.com



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



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)



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



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



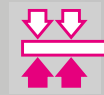
Sliding clamp with T-slot adapter in press bed and ram, roller bars and carrying consoles for tool insertion



Roller bars with hydraulic lifting integrated in a press bed



Die changing system adapted to the press



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**Elements and systems
for production engineering**



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



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Magnetic clamping systems



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