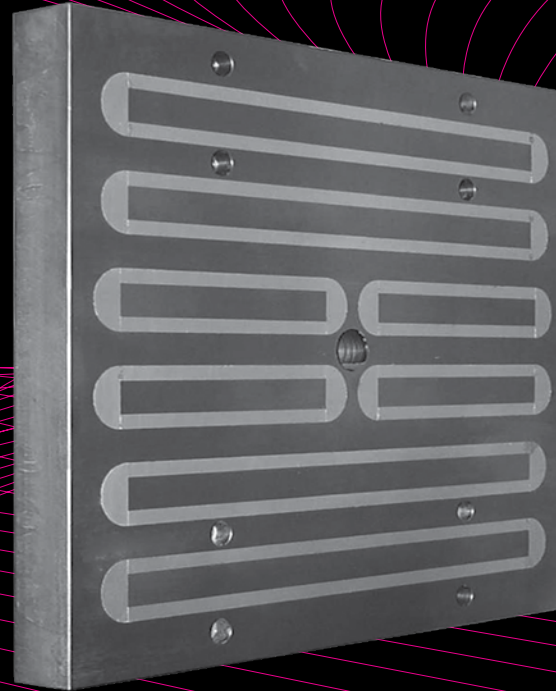




ROEMHELD
HILMA ■ STARK



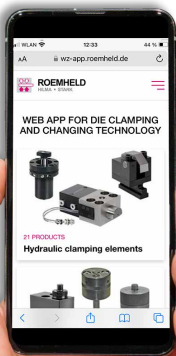
Magnetic Clamping Systems

M-TECS R

for rubber processing

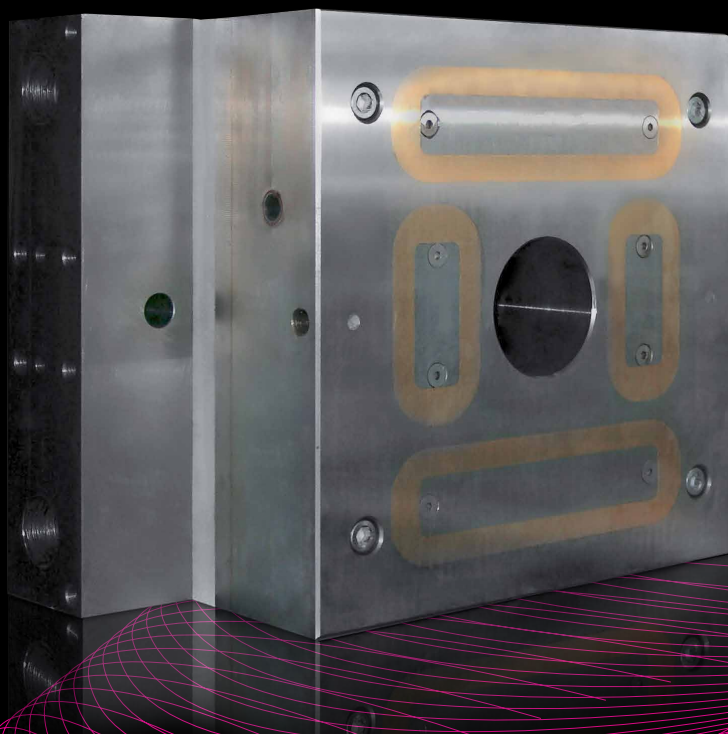
**Discover the
WZ app now!**

<https://wz-app.roemheld.de/en/home>



Magnetic Clamping Systems

M-TECS R



Quality and Experience

ROEMHELD stands for productive solutions in industrial production technology, clamping technology, assembly, and drive technology. Our innovative technology complements the portfolio in terms of magnetic clamping systems.

Customer benefit of magnetic clamping systems



ROEMHELD
HILMA ■ STARK



QUICK

Moulds are clamped
in one second at the
touch of a button

PROFITABLE

Setup cost optimization
by mould change
in a few minutes only

FLEXIBLE

Standardization
of moulds no longer
required

ERGONOMIC

Safe mould handling
with ease

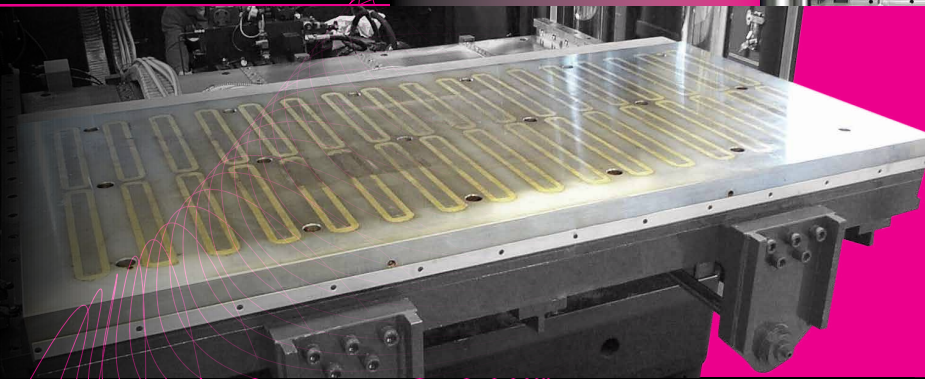


RELIABLE

Constant magnetic
clamping force even in
case of power failure

SAFE

Various sensors monitor
the entire clamping cycle



M-TECS R

for rubber processing



Technical data

Max. temperature	230 °C (up to 240 °C on request)
Specific magnetic force	18 kg/cm ²
Magn. penetration depth	15 – 20 mm
Plate thickness	min. 55 mm

Available for all machine sizes



- ***Mechanical limit switch***
to identify the mould contact



- ***Permanent coil monitoring***
signals minimum mould movement

- ***Temperature sensor protects***
the magnetic clamping plates against overheating



Options



HEATING AND INSULATION PLATES

- Heating and clamping in a single process
- Easy change and clamping of the moulds in the heated condition
- Reduced risk of injury during a mould change

ROLLER OR BALL BARS

- Easy mould change without any problems
- No damage to the surface when changing moulds



VACUUM VERSION

A vacuum-sealed version of the coils and cable exits for the highest quality standards in production



Electric control M1C/ M2C



ROEMHELD
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Highest safety standards
as per EN201 and EN289

Simple error diagnosis
by readout

IP54 splash-proof

Painting in preferred colour

Exchangeable master module
for easy maintenance

Control via remote control
or machine panel

Easy and safe operation

Error code indication on the LCD display

Integration via
EUROMAP interface

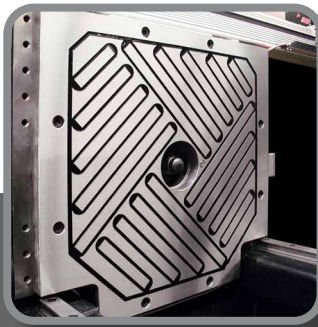
Key switch protects
against unauthorized operation



Movable magnetic
clamping plate "A"

Fixed magnetic
clamping plate "B"

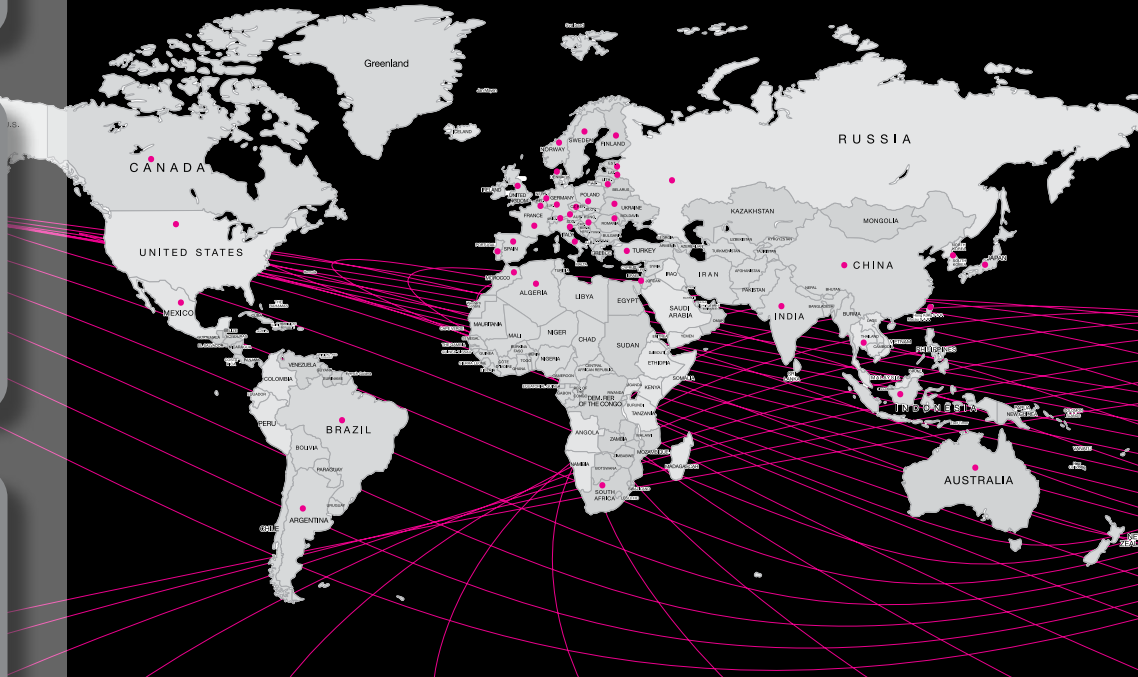
Electric control
M1C / M2C



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Global competence



wz.roemheld.com

Magnetic clamping systems
M-TECS also available for:

- plastics processing
- metal forming

Hilma-Römheld GmbH
Auf der Landeskronen 2
57234 Wilsdorf-Wilden, Germany

Tel.: +49 2739 4037 200
info@roemheld.de
www.roemheld.com

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