

ABOUT US

ROEMHELD technologies and products have been used to manufacture numerous industrial commodities and goods for end users for more than 70 years.

With a portfolio that is always growing, we focus on clamping technology solutions for workpieces and dies used in forming technology as well as components and systems for assembly and handling technology.

Our products are manufactured at our company headquarters in Laubach, Germany.

In addition to approximately 25,000 catalogue products, we develop and supply customer-specific solutions that are used in many industries worldwide.

Our family-run company is part of the ROEMHELD Group, whose history can be traced back to 1707.



STANDARDS

We supply our products in accordance with NATO STANAG, German TL and other specifications upon agreement. Based on our EN ISO certifications, we develop our products in accordance with the latest technical regulations, such as the EC Machinery Directive.

However, because we provide solutions for a wide range of industries around the world, we also take other standards and specifications into account.

Our products for the military sector are based on the requirements agreed with the customer, such as relevant STANAG specifications.



ROEMHELD
HILMA ■ STARK

FURTHER INFORMATION

Further information about our company, the ROEMHELD Group or our products can be found on our four websites:

Our companies: www.roemheld.com
Workholding: ws.roemheld.com
Quick Die Change: wz.roemheld.com
Assembly and handling: mh.roemheld.com

Specific information on our products and systems for military applications can be found on our landing page:
<https://ws.roemheld.de/en/products/defence-products>



CONTACT US

For questions about our products or to request a quotation, please contact:

Product Management for Defence

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PRODUCTS AND SYSTEMS FOR MILITARY APPLICATIONS

Technology Readiness Level (TRL) 9



ARMY



MARINES



AIR FORCE



MOVING, ALIGNING AND FEEDING

of weapon systems, safety devices, add-ons, and feed mechanisms as well as flaps, doors and gates

SECURING, FIXING AND LOCKING

of ammunition feeders, the stowing of combat ammunition, the fixing of transport and storage containers as well as stowing and securing heavy equipment

DISPLACEMENT

of heavy loads, equipment and structures



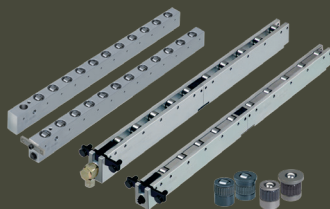
Displacement

for transport and storage containers, military engineering vehicles, cargo holds and on ships

Mechanical or hydraulic

Ball and roller bars

For small to heavy loads
Individual inserts also available
Max. load: 27 to 160 kN/m



Hydraulic pumps

for use in logistics vehicles, military engineering vehicles and on deck structures on ships

Hydraulic pumps WZ 8.800

Sturdy and compact
As foot or hand pump, manual,
Max. pressure 100 to 400 bar



Moving, aligning and feeding

on armoured recovery vehicles, in air defence systems, on infantry vehicles, military engineering vehicles and ships

Electrically operated

Linear actuator RA 600

Compact and versatile
Max. force: 1 to 6 kN
Max. stroke: 100 to 600 mm



Hydraulically operated

Block cylinder B 1.5100

Sturdy hydraulic cylinder
Max. force: 8 to 250 kN
Max. stroke: 25 to 100 mm



Securing, fixing and locking

on armoured recovery vehicles, infantry weapon carriers, logistics platforms, in military engineering vehicles and ships

Electrically operated

Electric swing clamp B 1.8320

With positioning and clamping force monitoring
DC voltage 24 V DC
IO-Link connection, optional



Hydraulically operated

Mini compact clamp B 1.8271

Mini clamp with high forces
Cartridge type
Max. force: 1.3 kN



Extending clamps B 1.8233

Sturdy and reliable
With and without self-locking
Max. force: 31 kN



Swing clamp B 1.8802

Position control, optional
Reinforced swing mechanism
Max. force: 11.2 kN



Wedge clamp WZ 2.2401

Always readjusts
Position control, optional
Max. force: 25 to 630 kN



Swing clamping elements WZ 4.2170

Position monitoring, manual emergency operation and overload protection device
Max. force: 60 to 412 kN



The products and applications shown are examples. We offer a wider range of products and solutions for even more applications.