

ROEMHELD
HILMA ■ STARK

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Press Release 7/2021

- **ROEMHELD: New sturdy and safe arch clamp for presses and forges**
- **Market leader for die clamping technology expands its range of wedge clamps**

Laubach, November 30, 2021. The new arch clamp is exceptionally sturdy and safe for use on presses and forges. The clamping technology specialist ROEMHELD expands its multi-member wedge clamp family with this clamp.

An integrated mechanical lock reliably holds the upper die in position in case of a pressure loss. Thus, it cannot fall. The die clamping element does not corrode even under the harshest conditions, thanks to a special coating process. The arch-shaped force curve of the clamping bolt virtually eliminates jamming at the clamping point.

Double acting and with position monitoring on request

The double-acting arch clamp is designed for versatile use with straight clamping edges. The clamp is suitable for high clamping edge tolerances of ± 1 mm. Clamping and unclamping pressure of 200 bar are identical and provide a maximum clamping force between 30 and 450 kN and process forces up to even 620 kN.

There are also variants with and without position monitoring for particularly high process reliability. The additional equipment is integrated on the side of the clamping bolt to save space. It provides information on whether the bolt clamps or unclamps the die and whether the clamping position is overrun.

The clamping element is named after the arch-shaped clamping bolt with which the die is clamped.

ROEMHELD: Set-up time optimiser for sheet metal forming, plastic and rubber processing

ROEMHELD sees itself as the worldwide market leader in die clamping technology for sheet metal forming. As a set-up optimiser, the group of companies solves almost every clamping task in sheet metal forming, plastics and rubber processing with its extensive portfolio of die clamping technology. The magnetic, hydraulic and electro-mechanical clamping systems are versatile and contribute to making processes in single and series production of nearly all industries more efficient and



economical. Products for die change such as die changing carts, roller bars and driven carrying consoles complete the product range.

About ROEMHELD:

Whether for aircraft, automobiles, machine tools, or cases for smartphones: ROEMHELD technologies and products have been used to manufacture numerous industrial commodities and goods for end users for more than 60 years.

Innovative and smart clamping technology solutions for workpieces, as well as for dies in forming technology and plastics processing, form the core of our ever-increasing portfolio. This is supplemented with components and systems for assembly and handling technology, drive technology and automation, and locking mechanisms for rotors on wind energy systems.

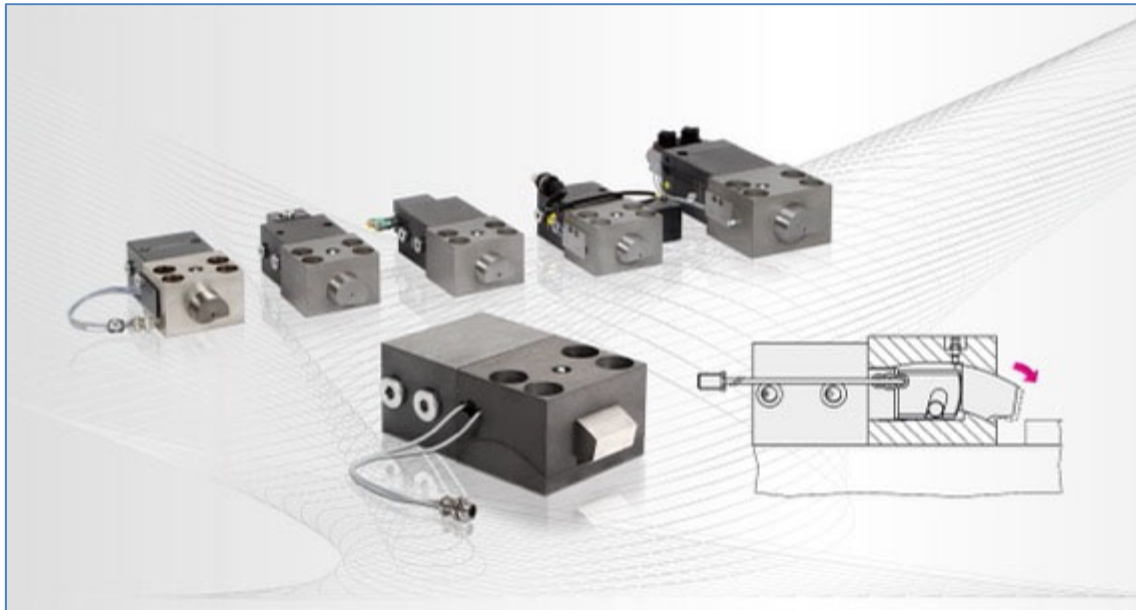
In addition to a constantly growing range of more than 30,000 catalogue items, ROEMHELD also specialises in developing and realising customised solutions and is internationally regarded as one of the market and quality leaders.

Innovation through tradition: ROEMHELD was established in 1707 with a foundry in Friedrichshütte, which still belongs to the ROEMHELD Group today and counts as one of Germany's oldest active industrial businesses.

The owner-managed group of companies employs approximately 560 workers at the three locations Laubach, Hilchenbach and Rankweil/Austria and is represented in over 50 countries by service and sales organizations. With customers from the mechanical engineering sector and the automobile, aviation, and agricultural industries, ROEMHELD generates an annual turnover of more than 100 million Euros.



Photo:



Family photo: The new arch clamp is particularly sturdy and safe for use on presses and forges. the clamping technology specialist ROEMHELD expands its multi-member wedge clamp family with this.