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Press Release 7/2022

* **ROEMHELD at the Euro****blech: The new pull-push system facilitates die and mould changes**
* **Complete solutions for die set-up increase productivity**

*Laubach, August 30, 2022.* Tight cycle times, maximum efficiency: Where forming presses and punches are at work, the entire process chain is trimmed for maximum output. But with decreasing batch sizes, the number of interruptions due to die or mould changes is increasing. How to handle these efficiently will be shown by ROEMHELD at the Euroblech from October 25 to 28 in Hall 27 at Stand K65.

Consistently high productivity is made possible by individual complete systems for efficient die change. A new feature is a pull-push system that moves dies weighing up to 50 t in and out of the press via a chain drive. It is screwed directly to the press bed, where the chain transports the die at a speed of 33 mm/s. Faster versions with a maximum of 200 mm/s are also available. A separate guide is usually not required. The system is supplied without control as standard; the control is available as an option.

**Push chain mounted in a sturdy chain box**

There are different versions for different spatial situations at the press. If the press bed is high enough, the chain is mounted hanging downwards in the storage unit. Since the chain box is open at the bottom, it is also insensitive to dirt. However, if the press bed height is too low to store the chain, a magazine storage is available where the chain is stored in a spiral.

The system offers additional flexibility because it can be mounted in front of or behind the press bed or on mobile consoles.

**Complete solutions for set-up on presses and punches**

The new pull-push system fits seamlessly into a comprehensive range of complete solutions for die or mould changes on punching and forming lines. The extensive product range allows ROEMHELD to offer a complete solution for almost every situation.

It starts with the rack systems: Thanks to different types, they can be adapted precisely to the respective requirements of the production site. Ball or roller bars in the racks and changing carts as well as in the transport consoles ensure a consistently safe, quick and efficient die change.

**Safe and efficient die change**

The changing carts transport the dies between the storage area and the press. There, employees can easily bring them into the machine using consoles. Thanks to a uniform docking system for all racks, changing carts and consoles, the dies can only be moved when all components are safely coupled. This significantly increases safety for employees during handling.

**Magnetic clamping technology offers numerous advantages**

Solutions for positioning, centring and clamping of dies complete the ROEMHELD overall concept. The clamping systems are available in mechanical, hydraulic, magnetic and electromechanical versions.

The die change process becomes particularly efficient when using magnetic clamping technology. Clamping takes only a few seconds: Just press a button on the control and the die is clamped with an electrical impulse. Operators no longer have to intervene manually. Magnetic clamping plates are suitable for all ferromagnetic dies, regardless of geometry, size and dimensions. Standardisation is not necessary.

**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 80 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 25,000 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 470 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 90 million Euros.

**Photos:**

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Automatisch generierte Beschreibung

Photo 1:

The new pull-push system that moves dies weighing up to 50 t in and out of the press via a chain drive. The picture shows the drive and console on a transport console in front of the machine table (Photo: ROEMHELD).

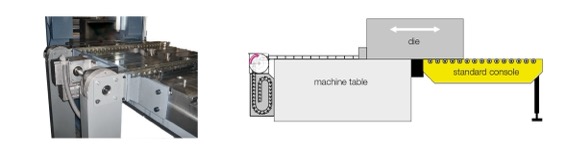


Photo 2:

The novelty is available in different versions and is suitable for almost every press type: In the illustration, the chain drive is mounted directly on the press bed and combined with a standard console (Photo: ROEMHELD).

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Automatisch generierte Beschreibung

Photo 3:

ROEMHELD will present an integrated concept for handling and changing forming and punching tools at the Euroblech 2022. With this concept, dies or moulds can be quickly and safely stored, transported to the machine and quickly and reliably positioned and clamped on the machine table (Photo: ROEMHELD).

**You can download the press release as a word document and the image material in print quality:** [**https://www.auchkomm.com/aktuellepressetexte#PI\_478**](https://www.auchkomm.com/aktuellepressetexte#PI_478)

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