



ROEMHELD
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Press Release 1/2022

- **ROEMHELD: New mobile die changing consoles with a load up to 50 t for sheet metal forming**
- **Compact design for low press beds, changing presses and cramped conditions**

Laubach, February 3, 2022. ROEMHELD has introduced a new manually movable changing console for dies up to 50 t weight. The space-saving novelty extends the company's comprehensive range of components for set-up time optimisation in sheet metal forming. It is designed for all users who want to change forming dies of all weight classes in a time and force-saving way, for example, automotive manufacturers and their suppliers.

The console, which is electrically driven via a push chain drive, has a particularly compact design and can easily be used on low press beds and in difficult-to-access environments. It can be mounted alternately on different presses and easily integrated into partially or fully automated processes.

The innovation combines a standard die changing console with an electric push chain drive. It is available in different versions and is suitable for almost every press type – both for new installations and retrofitting. Also, customised die set-up and changing systems can be realised with special solutions.

Change heavy dies easily and safely on several presses

With the new changing console, users can change heavy dies easily and safely on presses. The lowest support heights are possible, so it can even be used with deep press beds. The changing console is optionally available as a mobile unit with guide rollers and can be easily moved and transported between different plants. Once at the machine, an integrated docking system ensures that the console unit is firmly attached to the press.

The die is then placed on the console by forklift or crane. The integrated push chain drive moves the die to its final position in the press via integrated roller and ball bars and positions it there with millimetre precision, even against fixed stops.



Semi or fully automatic operation

Optionally, the die can be inserted semi or fully automatically; speeds up to 2 m/min are possible. The degree of automation of the die change can be freely determined, individual sensors and stops can be integrated into the control. The changing console is operated either via the machine control of the press or via a separate control, which is optionally available.

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:

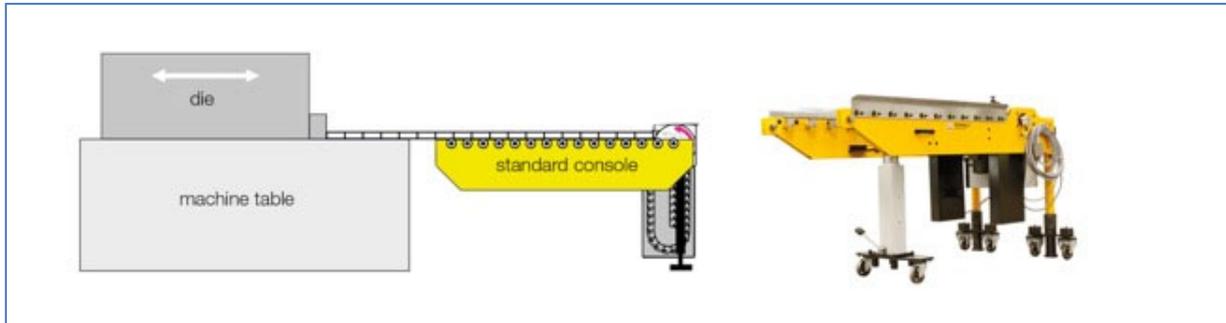


Photo 1:

The new mobile and space-saving die changing unit combines a standard console with an electric push chain drive and is suitable for loads up to 50 t. The picture shows the drive and console in front of the machine table (Photo: ROEMHELD).

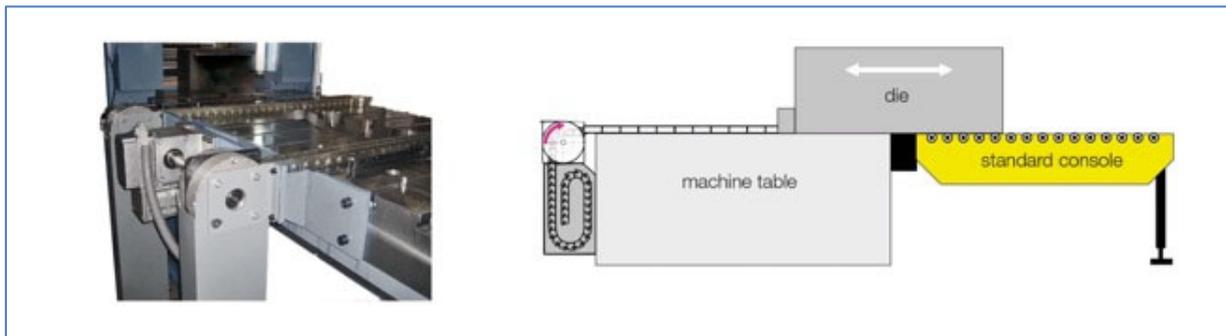


Photo 2:

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).