



ROEMHELD
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Press release 2/2025

- **ROEMHELD presents Flexline R Green Edition: Robust quick clamping system for press dies now available as 24 volt version**
- **More security, simpler planning and global availability**

Laubach, the 15. July 2025. ROEMHELD presents a new version of its robust Flexline-R quick clamping system for press dies, which has been specially developed for operation with 24 volt DC voltage. The so-called Green Edition is characterized by simple planning and installation, worldwide usability and operation with safe extra-low voltage while maintaining the same performance.

Can be used on almost any press

At the heart of the innovation is the 24 volt DC motor, which is used instead of a 120 or 400 volt AC motor in the original version. The safe extra-low voltage considerably simplifies project planning and makes the element compatible with almost any press worldwide. This eliminates the need for additional voltage conversion or adaptation to country-specific power grids.

The new design is aimed both at manufacturers who are equipping new press systems and at users who want to retrofit existing systems.

For automated press lines

Flexline R Green Edition is technically based on the recently introduced Flexline-R compact system with stainless steel pull-push chain for automatic clamping of dies of different sizes on the press ram.

It clamps dies using hollow piston cylinders and was specifically designed for higher loads and demanding operating conditions. This is why its pull-push chain is made of welded stainless steel, and it also has reinforced stops and protective plates.



The clamping forces of up to 104 kilonewtons and the high adjustment speed predestine the new system for die clamping in automated press lines, where operational reliability, process speed and simple maintenance are required.

Benefits as with Flexline-R

In practical use, the Green Edition works in exactly the same way as the standard version. A compact electric motor automatically moves the optional 660 mm or 1,100 mm long push chain with the attached hollow piston cylinder between the park position and the clamping edge of the die. All hydraulic and electrical cables are routed via the integrated energy chain. Various position data can be monitored via an integrated sensor system. Like the original version, the new product is characterized by a compact design, a maintenance-friendly construction and a low weight.

About ROEMHELD:

Whether aircraft, automobiles, machine tools or housings for smartphones: ROEMHELD technologies and products have been used in the manufacture of numerous industrial goods and products for end consumers for over 80 years.

Innovative and smart clamping technology solutions for workpieces and dies in forming technology and plastics processing form the core of the continuously growing portfolio. It is supplemented by components and systems for assembly and handling technology, drive technology and automation as well as locking systems for wind turbine rotors.

In addition to a constantly growing range of more than 25,000 catalog items, ROEMHELD specializes in the development and manufacture of customer-specific solutions and is regarded internationally as one of the market and quality leaders.

Innovation through tradition: ROEMHELD has its origins in the Friedrichshütte foundry founded in 1707, which still belongs to the ROEMHELD Group today and is one of the oldest active industrial companies in Germany.

The owner-managed group of companies employs around 500 people at its three sites in Laubach, Wilnsdorf and Rankweil/Austria and is represented by service and sales companies in over 50 countries. With customers primarily from the mechanical engineering, automotive, aviation and agricultural industries, ROEMHELD achieves an annual turnover of more than 90 million euros.



Photos:



Photo 1:

Externally, the Flexline-R Green Edition variant is identical to the original Flexline-R model (Photo: ROEMHELD).

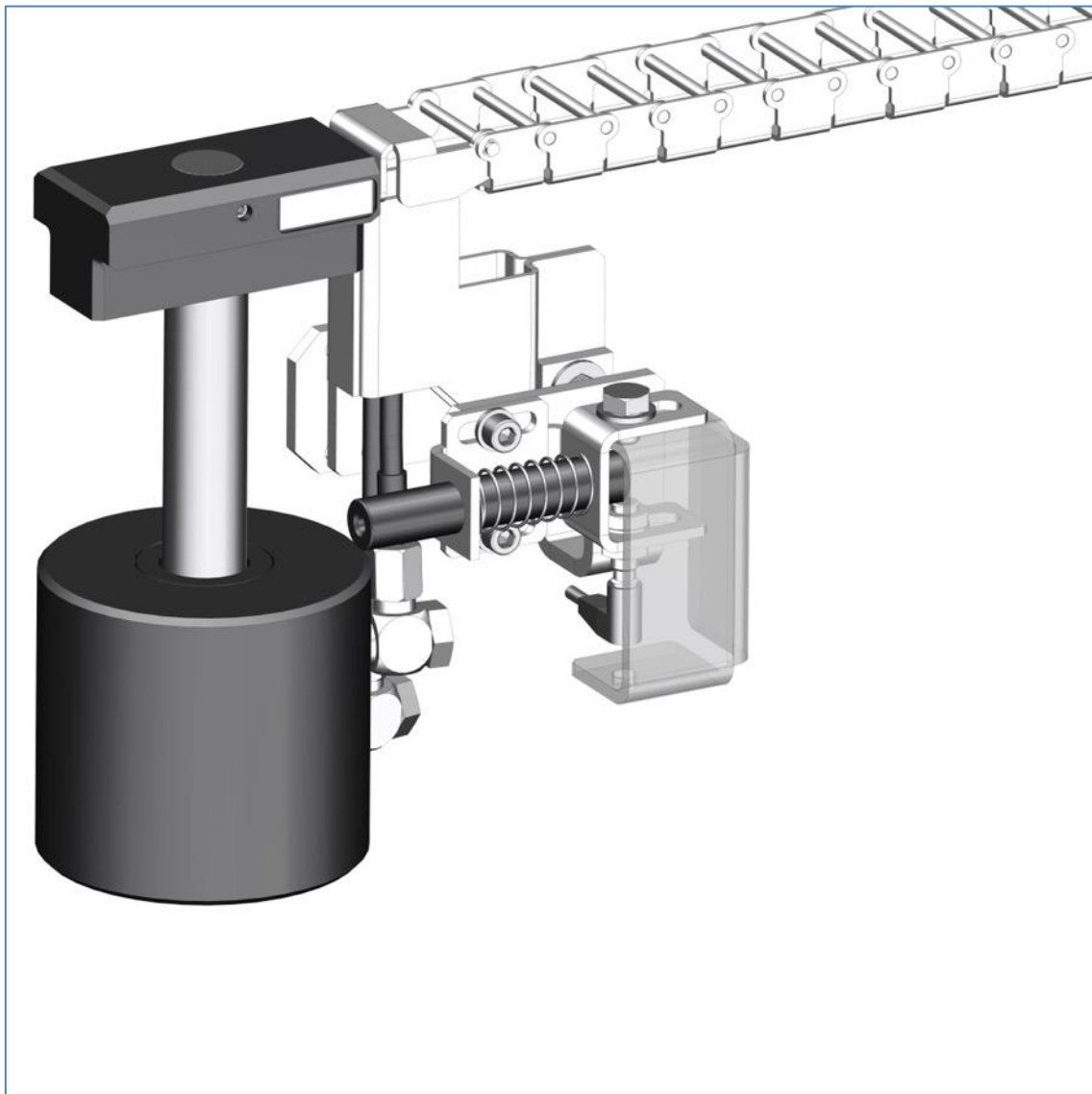


Photo 2:

For robust operating conditions: The welded stainless steel push chain is available in either 660 mm or 1,100 mm lengths, with a hollow piston cylinder at its end as a clamping element. The monitoring sensor for the die position is protected by a plate (light grey in the picture) (Photo: ROEMHELD).

You can also download the press release as a Word document and the image material in print quality here https://www.auchkomm.com/aktuellepresstexte#PI_624

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