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Press Release 10/2016

* **ROEMHELD: “compact” sliding clamp for tight spaces in machines, systems and presses**
* **New, ergonomic design for minimal space requirements**

*Hilchenbach, August 9th, 2016*. The new range of compact, hydraulic sliding clamps facilitates clamping in tight spaces on systems, press beds and rams. The new “compact” version provides the same clamping force as the “classic” sliding clamp, but the size and weight have been reduced, in some cases considerably. Due to the new ergonomic design with recessed grips and rounded edges for simple insertion into the T-slots, handling has been made considerably safer and installation easier. The clamping elements are ideally suited for retrofitting. Standardisation of the dies with regard to their width and depth is not necessary.

The hydraulic clamping elements consist of a clamping block and a T-slot adapter which is used to manually position the clamp in the T-slots on the press bed or ram. Various versions are available for the DIN widths of 14, 18, 22 and 28 mm. When used on other systems, the clamping blocks can also be mounted directly without the adapter, for example onto fixed spacer bars.

Clamping takes place by applying a maximum of 400 bar to the piston, achieving clamping forces between 19.6 and 78 kN depending on the version. The piston is released by means of spring force. Depending on the element, the overall stroke is 8 or 12 mm. The anti-corrosion surface protection enables use in demanding conditions with temperatures up to 120 °C.

**Improved shape for simple handling**

To allow use in particularly narrow construction spaces, the front of the clamping element has been redesigned: Both the clamping block and the insertion edges on the adapter have been ergonomically rounded, allowing particularly smooth insertion of the element. A special recess on the block ensures a better grip on the clamping element and thus facilitates changing of the die.

For quick and simple set-up, ROEMHELD also offers an angular rotary coupling as an accessory part as well as a parking station which accommodates the clamp during the die change.

**ROEMHELD app on die clamping and changing**

The ROEMHELD app for tablets provides comprehensive and descriptive information about products and solutions for die clamping and changing systems in sheet metal forming. It contains the entire product catalogue with over 1500 articles and variants, features many product videos, some animated 3D illustrations, application pictures and technical data sheets, showing a variety of application areas on presses and die-cutters**.** The app can be found at <http://www.roemheld-gruppe.de/app>.

**About ROEMHELD:**

With their die clamping and changing technology, ROEMHELD consider themselves as an expert for the optimisation of set-up times. The product range offers a very wide selection of hydraulic, mechanical, electro-mechanical and magnetic clamping elements and rapid clamping systems for virtually any clamping task. The extensive selection of products for die changing such as media couplings, roller conveyors, carrying consoles and transport carts completes the range.   
ROEMHELD is a global market and quality leader in efficient solutions for industrial production, assembly, clamping and drive technology. The company is represented in more than 50 countries worldwide with service and sales companies and supplies in particular the international mechanical engineering, automotive, aerospace and agricultural industry as well as the field of medical technology. At the three locations in Laubach, Hilchenbach and Götzis, Austria, the 500 employees achieved sales of around 98 million Euro in 2015.

**Picture:**



The new “compact” version (right) provides the same retention force as the “classic” sliding clamp, but the size and weight have been reduced, in some cases considerably (Picture: ROEMHELD).

**You can also download the press text as a Word document and the images in print quality here:** [**http://www.auchkomm.com/aktuellepressetexte**](http://www.auchkomm.com/aktuellepressetexte)**.**

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