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Press Release 17/2018

* **ROEMHELD: Die Changing cart for medium to high loads**
* **Quick, ergonomic and safe die transport**

*Hilchenbach, 29 november 2018*. Pressing and punching dies as well as moulds can be transported using a ROEMHELD die changing cart in a safe, effortless and time-saving manner. Four ergonomic types with comprehensive safety equipment are available for loads of up to 1,600 kg. The RW die changing carts for dies and moulds of up to 500 and 1,000 kg are moved manually; two electrically RWA driven lifting die cart types are used for weights of up to 1,600 kg.

The ROEMHELD Group also provides carrying consoles as well as roller and ball bars for the quick and safe exchange of dies and their facilitated insertion and positioning in the press. In addition, they offer complete die changing systems for forming technology in combination with modular hydraulic power units and their comprehensive clamping technology portfolio.

**Docking station for a safe die exchange**

A docking station ensures the quick and safe die change for all four changing carts. While the cart is connected to the station, ball bearing inserts in the loading platform facilitate shifting and positioning. When the cart is undocked, these inserts are lowered and fix the die. Plug-in side bars provide for additional protection against displacement.

A hydraulic lifting column ensures the changing carts ergonomics. The loading platform height may individually be adjusted to the operator’s requirements by means of a pedal.

**Support by auxiliary drive**

An auxiliary drive completely integrated into the front axle is optionally available for the die cart with a capacity of 500 kg die weight. An appropriate casing protects it against impact and splash water; the maximum travel speed is 3 km/h. It is operated via a lever on the right-hand handle of the cart.

**Electrically driven up to a weight of 1,600 kg**

The electrically driven RWA lifting carriage for very heavy dies with a maximum weight of 1,600 kg is completely operated via a multi-functional shaft. Among other features, it accommodates a rotary switch for gradual speed control up to a maximum of 5 km/h and a toggle switch reducing the speed to 2 km/h.

The die cart is available with varying sizes of transport platforms and the associated four, six or eight integrated ball bars. Both the platform and the bars may be lifted and lowered precisely via a slide switch. A quick-action coupling allows for lifting the hydraulic ball bars in the press bench so that no additional hydraulic power unit is required for this.

**ROEMHELD: Setup time optimiser for plate forming, plastics and rubber processing**

With its extensive range of clamping technology, the ROEMHELD setup time optimiser provides a solution for almost any clamping task in plate forming, plastics and rubber processing. The magnetic, hydraulic and electro-mechanical clamping systems can be used in a variety of applications and contribute to more efficient and economical processes in the batch and series production of almost any industry. Die changing products, including, but not limited to changing carts, roller bars and driven carrying consoles, supplement the offer.

**About ROEMHELD:**

Whether aircraft, automobiles, machine tools or smartphone casings: The ROEMHELD Group technologies and products have been used in the manufacture of a variety of industrial goods and products for end consumers for over 60 years.

Efficient clamping technology solutions for workpieces as well as for forming dies and moulds in plastics processing are the core of the continuously growing portfolio. It is supplemented by components and systems for installation and handling technology, drive system technology, as well as locking systems for the rotors of wind power stations.

Apart from a broad range of about 20,000 catalogue items, the ROEMHELD Group specialised in the development and manufacture of customised solutions and is recognised as a worldwide market and quality leader.

Innovation by tradition: ROEMHELD have their origin in the Friedrichshütte foundry established in 1707; it is still part of the ROEMHELD Group and one of the oldest active industrial enterprises in Germany.

The owner-managed group of companies has about 560 employees at the three locations Laubach, Hilchenbach and Rankweil/Austria, and is represented by service and distribution companies in over 50 countries. With customers primarily in the mechanical, automotive, aerospace and agricultural industry, the ROEMHELD Group generates sales of over EUR 100 million annually.

**Photograph:**



Three ROEMHELD models serve four weight categories: The die changing carts up to 500 kg (on the left) and 1,000 kg (at the centre) can be moved manually or by using an optional auxiliary drive. The lifting carriage (on the right) for very heavy dies is available with a carrying capacity of up to 1,600 kg. It is completely controlled via the multi-functional shaft (photograph: ROEMHELD).

**You can also download the jpg images in print quality and the press text as a Word document together with the photo captions here:** [**https://www.auchkomm.com/aktuellepressetexte#PI\_268**](https://www.auchkomm.com/aktuellepressetexte#PI_268)**.**

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