



NEWS RELEASE

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WITTMANN presents innovations **at the Fakuma 2021**

The WITTMANN Group is taking the opportunity to present its most recent product developments in a great variety of different areas at the Fakuma in Friedrichshafen.

The company will showcase among other things its latest temperature controllers from 12 to 16 October at its booth No. 1204 in hall B1.

TEMPRO basic L120: new and powerful temperature controller

For efficiency in operation, injection molding production with large and heavy molds requires high heating capacity on the one hand, and correspondingly high flow rates in the cooling channels on the other hand. The new WITTMANN **TEMPRO basic L120** temperature controller is the perfect solution for such tasks.



***The new TEMPRO basic L120
temperature controller from WITTMANN***

First of all, this temperature controller offers a maximum heating capacity of 36 kW, a value which ensures an optimal heating time for the mold from both the technical and the economical point of view. This is of special importance whenever very fast heating is necessary, for example after a mold change.

The heat accumulated in the hot steel of the mold plus the additional heat input from the melt caused by the injection molding process must be extracted again from the mold circuit as fast as possible via the cooling channels. This is the only way to establish a homogeneous heat transfer inside the mold, which benefits the entire process.

The development of the new **TEMPRO basic L120** was prompted by increasing tendencies on the market towards the necessity for fast heating of large molds, while

simultaneously providing the subsequently required high cooling performance. After all, such a solution must also contribute to optimizing the cycle time. Consequently, the cooling function of **TEMPRO basic L120** has taken the form of an extremely effective direct cooling system for the mold water.

One example for the phenomenal cooling performance of **TEMPRO basic L120**: a differential temperature of 60 °C between mold water and cooling water is the result of an extremely high cooling performance of 175 kW!

TEMPRO plus D200 for high-temperature applications

Numerous new applications require very special solutions for mold tempering. This is why the **TEMPRO plus D** range of temperature controllers from WITTMANN, well known and proven on the market worldwide, has now been extended by adding the new **TEMPRO plus D200** model – a water tempering device for temperatures up to 200 °C.



***TEMPRO plus D200 temperature controller
for high-temperature applications***

With this appliance, WITTMANN has responded to the general market trend towards higher process temperatures, and also fulfilled the wish expressed by numerous customers for water temperature controllers to handle high-temperature applications. High water temperatures – and the resulting high pressure levels – place particularly heavy demands on the wear resistance of molds and mechanical components, a fact constantly kept in mind throughout the development of **TEMPRO plus D200**.

The WITTMANN Group

The WITTMANN Group is a globally leading manufacturer of injection molding machines, robots and auxiliary equipment for processing a great variety of plasticizable materials – both plastic and non-plastic. The group of companies has its headquarters in Vienna, Austria and consists of two main divisions: WITTMANN

BATTENFELD and WITTMANN. Following the principles of environmental protection, conservation of resources and circular economy, the WITTMANN Group engages in state-of-the-art process technology for maximum energy efficiency in injection molding, and in processing standard materials and materials with a high content of recyclates and renewable raw materials. The products of the WITTMANN Group are designed for horizontal and vertical integration into a Smart Factory and can be interlinked to form an intelligent production cell.

The companies of the group jointly operate eight production plants in five countries, and the additional sales companies at their 34 different locations are present in all major industrial markets around the world.

WITTMANN BATTENFELD pursues the continued strengthening of its market position as a manufacturer of injection molding machines and supplier of comprehensive modern machine technology in modular design. The product range of WITTMANN includes robots and automation systems, material handling systems, dryers, gravimetric and volumetric blenders, granulators, temperature controllers and chillers. The combination of the individual areas under the umbrella of the WITTMANN Group enables perfect integration – to the advantage of injection molding processors with an increasing demand for seamless interlocking of processing machines, automation and auxiliaries.

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Friedrichshafen – October 12–16, 2021
WITTMANN at the Fakuma show: Hall B1, Booth 1204