



**NEWS RELEASE**  
[Witt-NR-08-2022\_WX128]

October 2022

## **WX 128 robots: the new small appliance series**

*The latest model of the **WX** robot series from WITTMANN, the **WX128**, will be introduced at the K 2022 at booth No. F23 in hall 12; it is destined to become the successor of the **W818** and **W918** robots, which have already been very successful for a number of years.*



**Views of the new, compact WX128 robot from WITTMANN with A-C servo axis.**

The WITTMANN robots of the **W818** / **W918** series have been in use on injection molding machines with clamping forces ranging from 80 to 200 t for several decades. More than 18,000 units of this type with various control systems have been manufactured so far. So, the **WX128** will be following in large footsteps. To enable it to meet such expectations, WITTMANN's product developers have come up with several good ideas.

The **WX128** benefits from the experience made with the larger **WX138** model already available on the market. Even at first glance, the **WX128** convinces prospective buyers by its newly developed compact control cabinet on the horizontal Z axis. To create this part, the rear structure has been shortened by 30%. Especially for small injection molding machines, it has now become possible to design an extremely compact protective housing, largely by way of positioning the drive unit and connection cables on the inside. The WITTMANN **WX128** relies on a proven belt drive concept on all linear main axes. One decisive argument here was high dynamism – for instance the vertical axis can accelerate at roughly four times the gravitational acceleration rate. Additional reasons were minimal sound emission and

easy maintenance. The predecessor model of the **WX128** still was equipped with an external rack on the demolding X axis.

Some main objectives of the development work were to create an easily accessible, low-maintenance design and to meet the demand for flexible upgradeability. As a result, it has become possible to equip the **WX128** with up to two additional rotational servo axes. This extension can be implemented either at once or as a retrofit later on without having to make any alterations to the control cabinet, which could involve having to modify the protective housing as well. At the K 2022, WITTMANN is presenting the **WX128** robot with an A-C servo axis equipped with an illuminated gripper.

The new **WX128** with a nominal load capacity of 6 kg, and offered exclusively with the current WITTMANN **R9** control system, will be available from the end of 2022. Based on the appliance exhibited at the K 2022, some further models will be added to the WITTMANN range from 2023 onwards.

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## 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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**Düsseldorf – October 19 to 26, 2022**  
**WITTMANN at the K: hall 12, booth F23**