

Press Release

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Primus robot with higher load capacity

WITTMANN at the K 2025: hall 15, booth B22

With the new Primus 118, WITTMANN extends the range of application of its Primus linear robots for injection molding machines of up to 250 tons at the K 2025. While the maximum load capacity of Primus robots in this size range was previously five kilograms, the new size 118 offers a choice of load capacities between six and eight kilograms. The new Primus 118 increases flexibility and supports efficient working methods. It saves time both during programming and operation. Smart Choices, Smart Savings – that is WITTMANN's motto at K 2025.

A new design with stronger demolding and vertical axes as well as more powerful drive systems are the basis for the high performance of the Primus 118 linear robot. The robot offers up to ten valve slots and thus various combinations of gripper and vacuum circuits. Up to eight vacuum circuits are possible.

The new Primus 118 can be very flexibly installed on different models and sizes of injection molding machines of up to 250 tons in clamping force. Since the drilling pattern in the main beam has not been changed compared to earlier series, the Primus 118 can be mounted very easily on existing equipment.

The Primus series of linear robots offers a reliable and simultaneously cost-efficient solution for all pick-and-place applications, as well as for use in simple automation cells. The robots are equipped with the SmartRemoval function as standard to reduce removal time and thus the overall cycle time.

The Primus 118 operates with the proven R9 robot control system from WITTMANN. This system includes in its standard version an OPC UA interface to exchange data with an MES and to be able to edit and save programs on a PC. The R9 supports users right from the programming stage, saving them time.

The QuickNew Wizard guides even users with no prior knowledge safely and quickly through the programming process.



The new Primus 118 from WITTMANN celebrates its premiere at the K 2025.

Photo: WITTMANN

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. 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 ten production plants in seven countries, and the additional sales companies at their 35 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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