

Press Release

February 2026

WITTMANN at Chinaplas 2026 in Shanghai

**Performance meets cost-effectiveness – from local production**

**At Chinaplas 2026, the WITTMANN Group is setting a milestone. For the first time, an injection molding machine will be presented that from now on is being produced at the company's own facility in China. The all-electric EcoPrimus combines precision and efficiency with very high cost-effectiveness. With a total of three live machine exhibits and a comprehensive presentation of auxiliaries and automation solutions, WITTMANN will be presenting itself as an innovative partner to the injection molding industry at Chinaplas 2026 from April 21 to 24 in Shanghai, China.**

**EcoPrimus: Focused on the essentials**

The EcoPrimus, with a clamping force of 1000 kN, was specifically developed for high-volume single-component compact injection molding. Here, the new all-electric injection molding machine combines high precision, efficiency, and cost-effectiveness. It features a robust and compact design, and users do not have to compromise on ease of operation. Like all other current injection molding machine series from the WITTMANN Group, the EcoPrimus is equipped with the latest Unilog B8X machine control system. At Chinaplas, an EcoPrimus 100/350 demonstrates its high performance with the production of functional key rings made of PS.

Last December, WITTMANN inaugurated the expanded production plant in Kunshan. In addition to robots and auxiliaries, injection molding machines from the EcoPrimus Series will now also be produced locally. In addition, development capacities will be expanded in China. "This will enable us to implement local requirements even faster and in a more targeted manner. Our customers will benefit from the WITTMANN Group's global technology platform," says Kevin Wang, General Manager of WITTMANN in Kunshan.

**EcoPower: Precision and efficiency for LSR**

Also the second live machine exhibit demonstrates the efficiency of WITTMANN's all-electric injection molding machine technology. An EcoPower 110/210 is used to produce liquid silicone rubber (LSR) sealing rings in a 16-cavity mold with a single shot weight of 1.7 grams. Worldwide, applications involving silicone are becoming increasingly important. This trend is being driven by modern medical technology on the one hand and electromobility on the other. Both industries exploit the outstanding range of properties offered by LSR. Components made of liquid silicone can be used in a particularly wide temperature range from -50

to +250 °C. They have good electrical insulation properties, very good weather and aging resistance, and high biocompatibility.

WITTMANN offers injection units specifically developed for processing liquid silicone, as well as many other LSR-specific options that cover a wide range of injection volumes and mold sizes for use on injection molding machines of various designs.

The all-electric EcoPower is at home wherever precision, efficiency, and cleanliness are important. It achieves high injection speeds and high dynamics and enables extremely precise control. Servo direct drives and the use of braking energy using WITTMANN KERS technology reduce energy consumption to a minimum.

### **MicroPower: Everything it needs on a minimum footprint**

Everything it needs for production in just two square meters – that's what the unique MicroPower concept offers for molding small and micro parts. The design of the machine allows the injection piston to reach the parting line of the mold. This reduces the mass cushion to a minimum and significantly reduces the sprue, if not eliminating it altogether. The result is higher material efficiency and improved quality consistency, as the pressure is transferred over a very short flow path.

During Chinaplas, a MicroPower 15/10 produces vascular clips made of POM with a single part weight of 0.003 g in a 4-cavity mold. The micro parts are demolded by the integrated vertically arranged scara robot and quality-checked by camera within the self-contained work cell. The good parts are deposited sorted by cavity. The work cell is equipped with a laminar flow box to ensure production under Class 7 clean room conditions in accordance with 14644-1.

### **Primus robot with increased load capacity**

In the area of automation, WITTMANN will be presenting an Asian premiere at Chinaplas 2026. The new Primus 118 expands the range of applications for Primus linear robots for injection molding machines with clamping forces of up to 250 tons. Whereas the maximum payload in this size range was previously five kilograms, the new robot offers a maximum payload of up to eight kilograms. A new design with reinforced demolding and vertical axes as well as reinforced drives underpin the high performance of the Primus 118. The robot offers up to ten valve slots and thus various combinations of gripper and vacuum circuits. Up to eight vacuum circuits are possible.

Since the drilling pattern in the robot's main beam has not changed compared to previous robot generations, the new Primus 118 can be easily integrated into existing systems. The Primus linear robot series is a reliable and cost-effective solution for all pick-and-place applications and for use in simple automation cells.

The Primus 118 works with WITTMANN's proven R9 robot controller. This includes an OPC UA interface as standard for exchanging data with an MES and editing and saving programs on a PC. The R9 supports the user right from the program creation stage, saving time. The

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

### **Tempro basic 120: Precise control with ease of use**

In the auxiliaries exhibition area, several representatives from all product categories are on display live in Shanghai: temperature control units and water flow regulators, dryers and vacuum loaders, as well as granulators for in-house recycling.

These include, for example, temperature control units from the Tempro basic series. They are the cost-efficient choice for all applications which require precise temperature regulation and high operating comfort and still concentrate on the essentials. The new size 120 was developed specifically for large consumers.

The single-circuit temperature control units for applications up to 120 °C work with radial impeller pumps to enable high volume flows over a wide pressure range. The units are equipped with an automatic filling system including pressure monitoring and pressure gauges in the flow and return lines. The self-optimizing microprocessor control operates with an accuracy of  $\pm 1$  °C. Thanks to a high-precision, servo step-motor-controlled proportional valve inside the cooling line, the temperature control units can respond even more accurately to fluctuations in the process. The flow rate is steplessly adjustable. Since the proportional valve does not require a membrane, service requirements are reduced and the service life of the device is extended. The highly precise control increases the energy efficiency of the application. A new feature across the entire series is a 3.5" TFT LCD color display, which further simplifies the operation of the temperature control units. Compared to the previous seven-segment display, it provides a much better overview and intuitive menu navigation.

### **G-Max XL granulator for clean, homogeneous regrind**

During the four days of the trade fair, a G-Max XL granulator will be demonstrating how little it takes to obtain valuable raw material from sprues and production waste. The compact granulators of the G-Max series are suitable for soft to medium-hard plastics such as PP, PE, ABS, PU, or PC. The optimized rotor ensures clean, homogeneous regrind and high material throughput. The solid flywheel maximizes the inertia of the rotor to achieve significantly higher performance with the same energy input. With speeds of 200 rpm at 50 Hz, the number of unnecessary cutting repetitions is reduced. Thanks to the tiltable hopper, screen changes and cleaning can be carried out very easily without tools.

The G-Max XL model presented at Chinaplas 2026 is the largest in the series. It is designed for a throughput of up to 100 kilograms per hour.

### **Complete solutions from a single source**

When it comes to material handling, automation, injection molding machines and mold temperature control, in-house recycling, digital technologies, or complete solutions from a single source, WITTMANN is the reliable partner for all industries that require high-quality and affordable plastic products, such as packaging, medical technology,

automotive, and household appliances. “Our expanded production facility in Kunshan represents WITTMANN's transformation from a single-unit supplier to a full-service total solution expert,” emphasizes Kevin Wang. “Here in China and Asia, we can now offer our customers integrated system solutions from a single source that are produced entirely locally.”

## WITTMANN auf der Chinaplas 2026: Halle 4.1, Stand D41



At Chinaplas 2026, the new all-electric EcoPrimus injection molding machine will be presented in Asia for the first time.



The all-electric EcoPower is at home wherever precision, efficiency, and cleanliness are required—in both thermoplastic and elastomer injection molding. During Chinaplas 2026, an EcoPower will produce sealing rings from liquid silicone.



Encapsulated as a clean room: The MicroPower was specifically developed for the production of small and micro parts. At Chinaplas, WITTMANN will present the production of vascular clips made of POM.



At Chinaplas 2026, the Primus 118 is celebrating its Asian premiere. The new linear robot is a reliable and cost-effective solution for all pick-and-place applications and for use in simple automation cells.



In-house recycling made easy: The G-Max XL granulator is designed for a throughput of up to 100 kilograms per hour.

Pictures: 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 – 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 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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