

Press Release

December 2025

Efficient precision for medical products

WITTMANN Group at PLASTINDIA 2026

Smart savings are the focus at the WITTMANN Group's stand at PLASTINDIA from February 5 to 10 in New Delhi. The spotlight is on four topics with particularly high savings potential: energy, material, time, and space. WITTMANN BATTENFELD India demonstrates that even highly demanding applications can be implemented with maximum efficiency using an example from medical technology.

With the production of vascular clamps, at PLASTINDIA, WITTMANN is targeting manufacturers of small precision components for medical applications. A MicroPower injection molding machine with a clamping force of 15 tons – equipped with a 2-cavity mold – is used for this purpose.

The all-electric injection molding machine, which is specifically designed for the injection molding of small and micro parts, supports energy- and material-saving production in very large quantities. The design of the machine allows the injection plunger to reach all the way down to the parting line of the mold. This reduces the melt cushion to a minimum and significantly reduces the sprue, if not eliminating it altogether. This special design feature improves both material efficiency and quality consistency, as the pressure is transferred over a very short flow path.

In addition, the MicroPower is characterized by its very compact design. Covering just two square meters, the machine concept combines a rotary table, auxiliaries, automation, temperature control unit, quality assurance, and other process units. For clean room applications, a laminar flow box can be easily integrated.

Temperature control: robust, simple, and energy-efficient

The auxiliary's exhibition area focuses on temperature control, as mold temperature control has a decisive influence on both processing efficiency and part quality. WITTMANN product developers therefore pay particular attention to temperature control. The focus is on robust technology, ease of use, and minimal energy consumption. During PLASTINDIA, a Tempro C120 temperature control unit, among other things, will demonstrate this.

The Tempro C120 is suitable for temperatures up to 120 °C and has an exceptionally high cooling capacity due to the direct feed of cooling water. It offers excellent value for money and a wide range of equipment options to suit a variety of applications.

Reduce – Recycle – Reuse

In injection molded parts, raw materials account for almost 80 percent of product costs. Avoiding material waste therefore makes a significant contribution to the circular economy. Sprues are pure, clean raw materials that can be returned to the material cycle in a cost-efficient manner in many applications. In addition to sprues, scrap parts can often be reused immediately. Up to 25 percent regrind is possible in many applications. In-house recycling with WITTMANN granulators reduces the use of virgin material and saves on disposal and logistics costs.

Both the compact G-Max blade granulators and the powerful S-Max screenless granulators will be on display at PLASTINDIA.

G-Max series granulators are suitable for all soft to medium-hard plastics, such as PP, PE, ABS, PU, or PC. The optimized rotor ensures clean, homogeneous regrind and high material throughput. Significantly higher output with the same energy input is made possible by the massive flywheel, which maximizes the rotor's inertia.

S-Max granulators have been optimized for grinding engineering and reinforced plastics. Styrene plastics, acrylates, and glass fiber-reinforced materials are effectively ground in slow operation (27 rpm at 50 Hz). S-Max granulators also fit into tight production areas and are compatible with various robot or conveyor belt feeders.

Primus robot with higher load capacity

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. 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 up to eight kilograms.

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. 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. 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.

IML with local expertise

Speed is of the essence in packaging production. At PLASTINDIA, WITTMANN will be showcasing an IML (in mold labeling) application with a 4-cavity mold and side-entry automation. The application operates with a cycle time of six seconds. Particularly in the field of automation, the Indian market has very specific requirements. WITTMANN therefore offers IML and automation systems in India that are developed and produced locally. In India, WITTMANN is also driving forward numerous in-house product developments in the field of auxiliaries, which complement the global product portfolio.

In order to meet the growing demand for locally produced auxiliary and automation products, WITTMANN recently opened a new, larger company building at its Chennai site. Further sales and service subsidiaries are located in New Delhi and Pune. In addition, there are ten offices in various strategically relevant industrial centers. This enables WITTMANN to offer excellent local support throughout India.

WITTMANN at PLASTINDIA 2026: Hall 5, Stand A1



The MicroPower work cell combines everything needed for production in just two square meters.



At PLASTINDIA 2026, the new Primus 118 linear robot will be presented for the first time in India.

Pictures: WITTMANN Group

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.

Press Contact

Susanne Zinckgraf
Head of Strategic Marketing
WITTMANN Tec Group GmbH
Lichtblaustraße 10, A-1220 Wien
Cell phone: +49 151 70663048
susanne.zinckgraf@wittmann-group.com

Company Contact

WITTMANN Technology GmbH

Lichtblaustraße 10, A-1220 Wien
Tel.: +43 1 250 39-0
info.at@wittmann-group.com

WITTMANN BATTENFELD GmbH

Wiener Neustädter Straße 8, A-2542 Kottlingbrunn
Tel.: +43 2252 404-0
info@wittmann-group.com

www.wittmann-group.com