Press Release May 2026

WITTMANN at FIP 2026 in France

Maximum overall efficiency from a single source

At the FIP 2026 in Lyon, France from June 2 to 5, all-electric precision and efficiency will take center stage at the WITTMANN Group's trade fair booth. Each of the WITTMANN Group's three all-electric injection molding machine series will be represented on site by live machine exhibits, including a premiere for the French market: the new EcoPrimus. The fully automatic production cells will demonstrate the great potential of complete solutions from a single source. WITTMANN will also bring along a selection of individual robots and auxiliary devices to FIP 2026.

The markets are changing, and so are the requirements for injection molding technology. High performance and reliability must go hand in hand with a high degree of profitability. Precisely this is the target of the new all-electric EcoPrimus injection molding machine from the WITTMANN Group. At WITTMANN, the designation Primus stands for a clear focus on essentials – with maximal material, energy and cost efficiency, and that without compromising in any way on performance, quality standards or availability of spare parts.

The EcoPrimus with 1000 kN clamping force has been developed for compact single-component injection molding in large quantities. For standard applications requiring only a limited range of options, the EcoPrimus combines high precision with efficiency and profitability. This will be impressively demonstrated by the production of drink vessels made of crystal-clear PLA. The Eco Primus stands out by its robust and compact design, and in terms of easy operation it also leaves nothing to be desired for users. The machine comes with the latest-generation B8X control system from the WITTMANN Group.

The all-electric design concept of the EcoPrimus is based on the WITTMANN product developers' many years of experience with the well-established EcoPower machine series. Both these series stand for high precision, repeatability and energy efficiency.

From thermoplastics to LSR

Visitors to the fair can also experience the EcoPower live at the WITTMANN booth. The model on show will be an EcoPower 110/350 in LSR design manufacturing a pump housing fully automatically. A 2-cavity mold supplied by Elmet is used. The LSR (liquid silicone) in these components serves to seal them against liquid media. The machine comes equipped with a TOP 5100 LSR dosing pump from Elmet designed to ensure maximum process stability and cost efficiency in mass production.

The EcoPower scores with high injection speeds, extremely accurate regulation and high dynamism. Direct servo drives and utilization of deceleration energy reduce the energy con-

sumption to a minimum. Thanks to its modular design, the EcoPower adjusts itself flexibly to production requirements – a particular benefit in liquid silicone processing.

Complete production cell on two square meters

Minute structures within an area of 0.04 x 0.04 x 0.1 mm and corner radii down to 0.005 mm – these are the dimensions of a lab-on-a-chip application which will challenge an all-electric MicroPower 15/10 injection molding machine during the FIP 2026. The MicroPower, designed for injection molding of micro parts, is more than just a machine. It is a complete work cell accommodating on no more than two square meters of floor space the clamping unit including a rotary disk, the patented 2-step injection system, as well as materials handling, automation, temperature controller, quality inspection and further process equipment. Yet the mold space with a distance of 400 mm between platens is still easily accessible. Linear guides ensure highly sensitive mold protection, and the clamping force is very evenly distributed across the parting line via a high-precision 5-point toggle lever.

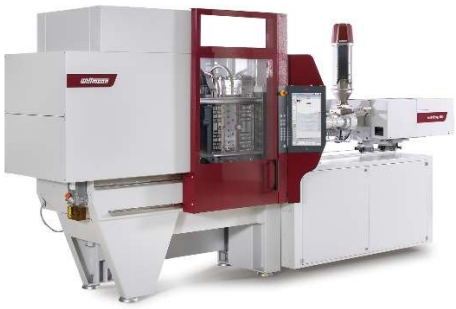
The machine allows the injection plunger to move right up to the parting line of the mold. This shortens the melt cushion to a minimum and significantly reduces the sprue or even eliminates it altogether. This special design feature increases material efficiency and simultaneously improves quality consistency, since pressure transmission takes place via an extremely short flow path.

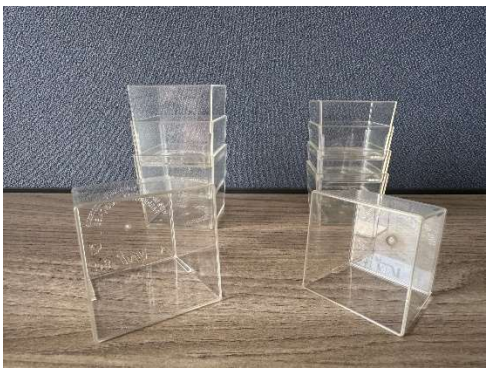
The lab-on-a-chip devices will be produced from transparent PP. For this purpose, 3D-printed 2-cavity mold inserts from NanoVoxel will be used inside a basic mold box supplied by Ernst Wittmer. The MicroPower will be equipped with the W9VS2 robot from WITTMANN. What is new: the Scara robot is now also delivered with a full-fledged R9 robot control system. With its ability to integrate up to twelve servo axes as well as numerous analog and digital input and output modules, the R9 can solve even the most complex automation tasks. The R9 Teachbox runs on Windows, which makes it easy to link it up with other platforms.

From bulk materials handling to in-line recycling

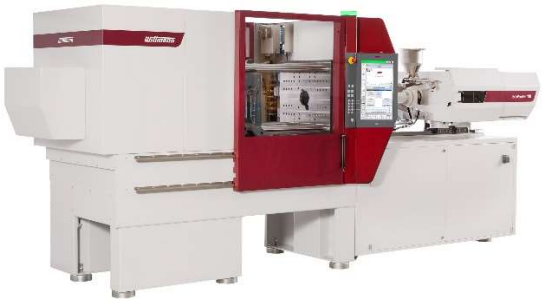
All three live machine exhibits will demonstrate clearly how efficiency and quality potentials can be exploited extremely effectively, wherever the injection molding machine, the automation and the auxiliary equipment are all planned and coordinated from a single source. From materials handling and transport, injection molding, temperature control and automation right up to in-line recycling and integration of digital solutions, the WITTMANN Group supplies all components for the injection molding process from in-house development and production. In the global markets, all of these products and solutions are also successful just by themselves. This is why devices such as linear robots, temperature controllers and granulators for in-line recycling will be presented as stand-alone solutions as well on WiTTMANN's booth at FIP 2026.

WITTMANN at the FIP 2026: booth K14

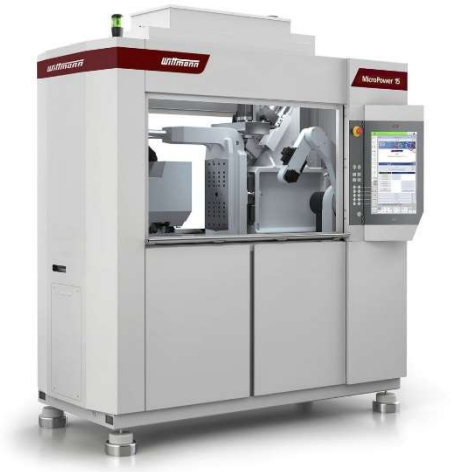




Focusing on essentials: the new, all-electric EcoPrimus injection molding machine offers an extremely high level of cost-efficiency. It will demonstrate its excellent performance during the FIP 2026 by producing drink vessels made of crystal-clear PLA.



The all-electric EcoPower scores with high injection speeds, extremely precise regulation and high dynamism. At the fair, it will be shown with an LSR application. Pump housings will be produced.



On no more than 2 square meters of floor space, the MicroPower provides everything it needs for production. Lab-on-a-chip devices whose fine structures can only be seen under a microscope will be produced at the fair.

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. 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 with additional sales companies at 35 different locations they 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 merger 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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