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PRESS RELEASE

WITTMANN at the Chinaplas 2025 in Shenzhen

WITTMANN with state-of-the-art injection molding technology at the Chinaplas in Shenzhen

At booth J31 in hall 11, WITTMANN BATTENFELD China will present to trade visitors ultra-modern machines together with automation and auxiliary equipment for plastics injection molding from April 15 to 18 at the Chinaplas in Shenzhen, the leading plastics trade fair in Asia.

Asia has been an important market for the WITTMANN Group for many years and is gaining increasingly in significance. In China, the WITTMANN Group is present locally with two sales subsidiaries of its own and a production plant as well. Most of its products made at the Kunshan facility – robots, temperature controllers, materials handling appliances, dryers and granulators – are destined for the Asian market. By the end of this year, a first injection molding machine model is also to be manufactured in China. The Chinaplas is thus an important platform for the WITTMANN Group to present its range of products and services to plastics processors in the Asian region.

In the area of injection molding machinery, WITTMANN BATTENFELD China will showcase a selection from its product portfolio, starting with an all-electric EcoPower 110/350 and including a servo-hydraulic SmartPower 120, as well as a MicroPower 15/10 specially designed for injection-molding micro parts. All of these machines stand out by their unparalleled energy efficiency, precision and repeatability.

Automation and auxiliaries

In addition to the robots and auxiliary appliances connected to the machines on display, stand-alone solutions in this area will be exhibited as well.

The range of granulators made by the WITTMANN Group will be represented by the screenless granulators from the S-Max series. These slow-running beside-the-press granulators (with about 27 rev/min) are particularly suited for grinding hard, brittle and

fiberglass-reinforced materials. A highlight of this year's trade fair will be the newly presented S-Max primus 2. In developing this new granulator model, special attention has been paid to the needs of and benefits for Asian plastics processors. The S-Max primus 2 combines technical advantages, such as a large drop-in opening (380 x 500 mm), a spray curtain inside the sound-insulated feed chute, a toothed roller powered by an 0.75 kW motor with 5 mm tooth form and two breakers mounted on it to crush sprue in advance, with cost-efficiency and an attractive price. Depending on individual requirements, the granulator can be adapted by adding some optional extras, such as a filling level indicator with visual and acoustic display.

From its range of robots, WITTMANN BATTENFELD will show several locally produced models, including a W918S and a W918TS, each with a load capacity of 6 kg, and a W928TS with 12 kg payload and a W948T with a maximum payload of 20 kg as well. The S robot models with a sub-arm driven by a servo motor are frequently used for 3-platen molds especially in China.

Using the Tempro basic series of temperature controllers as an example, the difference will be demonstrated between temperature controllers with direct cooling and consequently high cooling rates as required for large molds, represented by the Tempro basic C120 on the one hand, and an appliance with indirect cooling, a Tempro basic C140, on the other hand. A Tempro plus D180 dual-circuit appliance and a Tempro plus D200 for high-temperature applications with a touch operating panel and multiple options for interfaces will round off the range of exhibits. The temperature controllers from the Tempro plus series feature high operating comfort and an extensive range of standard equipment.

Among the flow controllers exhibited, not only the universally known flow controllers with floats for flow rates ranging from 10 to 30 l/min will be present, and also a representative example of digital flow monitoring with an appliance from the WFC series. The WFC is a device for monitoring both flow rates and temperature, equipped with a maintenance-free flow measurement unit.

Moreover, the company will showcase an Aton segmented wheel dryer, whose drying concept delivers the constant dew point behavior required for the local market, as well as a Card 10S compressed air dryer, which constitutes a low-cost solution for small material throughput rates.

WITTMANN will also demonstrate its expertise in the field of dosing technology by showing a volumetric Dosimax and a gravimetric Gravimax 14 blender. The ultimate precision and the monitored real-time dosing of the appliances from the Gravimax

series effectively prevent overdosing of expensive materials, thus optimizing both costs and product quality.



Fig. 1: EcoPower 110



Fig. 2: MicroPower 15/10, equipped with an air filter and a laminar flow unit



Fig. 3: Tempo plus D dual-circuit temperature controller



Fig.4: WITTMANN flow controller



Fig. 5: Gravimax 14 gravimetric blender



Fig. 6: S-Max primus 2 screenless granulator

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 nine production plants in six 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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