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PRESS RELEASE

WITTMANN at the Drinktec 2025 in Munich

WITTMANN with high-speed machine at the Drinktec

From September 15 to 19, 2025, the WITTMANN Group will present itself at the Drinktec, the world's leading trade fair for beverage and liquid food technology, with a high-speed machine from its EcoPower Xpress series. The equipment will be shown at the WITTMANN booth No. C6-501 in hall C6.

The EcoPower Xpress is an all-electric high-speed machine whose extremely dynamic drive axes for injection, closing and opening are specially designed for fast movements and maximum control accuracy. With the EcoPower Xpress, injection speeds of up to 650 mm/s and injection pressures of up to 2500 bar are within reach. These values are made possible by all-electric plasticizing units combined with a fast-responding encapsulated injection aggregate. This is why the EcoPower Xpress is predestined for manufacturing items such as caps and closures. For the production of standardized closing caps, maximal mold speeds together with short strokes and optimal dosing performance must be achieved. The EcoPower Xpress fulfils all of these requirements with a reliable and safe production process over many years, and with cycle times far below 2.5 seconds. Moreover, the energy consumption rates are kept extremely low by the machine's efficient servo-electric drive system.

At the Drinktec, an EcoPower Xpress 160/1100+ will demonstrate the production of screw caps for drink bottles made of HDPE from TotalEnergies OneTech Belgium, using a 32-cavity mold supplied by HTW, Austria, with a diameter of 29/25 mm and a weight of 1.35 g. The machine comes with a WITTMANN material loader and a WITTMANN mold space moisturizer.

Following demolding, the finished screw caps fall down onto a conveyor belt positioned below the machine's mold space. The parts are then conveyed to an end-of-line automation system supplied by IMDvista. Inside this system, the caps pass through the stations of cooling, orientation and separation, and finally inline quality inspection. Any faulty parts detected are automatically sorted out before the good

parts reach the packaging station. The total cycle time for making these 32 screw caps is no more than 2.5 seconds.



Fig. 1: EcoPower Xpress 160/1100+



Fig. 2a: IMDvista downstream line (Picture: IMDvista)



Fig. 2b: IMDvista downstream line



Fig. 2c: IMDvista downstream line



Fig. 3: Screw caps for drink bottles

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.

Contact:

WITTMANN BATTENFELD GmbH

Wiener Neustädter Strasse 81

2542 Kottingbrunn

Austria

Tel.: +43 2252 404 - 0

gabriele.hopf@wittmann-group.com

www.wittmann-group.com