



October 2022

S-Max 1: the new WITTMANN screenless granulator

The latest model of the screenless granulator series from WITTMANN, the **S-Max 1**, will be introduced at the K 2022 at booth No. F23 in hall 12. The **S-Max 1** granulator completes the WITTMANN range of low-speed screenless granulators



**The new WITTMANN screenless
beside-the-press granulator S-Max 1.**

It is the ideal tool for inline-recycling beside-the-press. Low speed means high torque, less wear on cutting tools for reduced maintenance, low sound levels, low energy consumption. The low speed decreases noise and flyback during operation and provides a consistent regrind and better quality. This compact screenless granulator is ideal for inline recycling of sprues from injection molding machines up to 90 tons. The small footprint accommodates tight spaces and the wide-mouth, flared in-feed hopper easily handles a range of robot or conveyor drops and sprue/runner sizes.

The **S-Max 1** is equipped with a knife and two toothed rollers and a cutting chamber with dimensions of 160 × 240 mm. The motorization is ensured by a gear motor of

0.75 kW placed vertically for the smallest possible footprint. The speed of rotation is 27 rpm ensuring maximum torque for the granulation of hard and brittle materials filled with glass fiber. The feeding hopper is made of stainless steel and ensures noise reduction. Easy and safe cleaning of the cutting chamber due to free access from the top.

The **S-Max 1** is the fourth granulator of its series of screenless **S-Max** granulators with up to 3 knives and cutting chamber dimensions of up to 240 × 467 mm. The **S-Max** series of granulators is perfect for the use with injection molding machines with clamping forces of up to 400 tons.

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 eight production plants in five countries, and the additional sales companies at their 34 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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WITTMANN at the K: hall 12, booth F23