

NEWS RELEASE

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WITTMANN S-Max 3 screenless granulator **with additional feeding shaft**

A WITTMANN S-Max 3 screenless granulator with optionally available built-in feeding shaft offers many advantages. The feeding shaft helps to avoid bridging, especially in case of grinding long runners and flat parts.

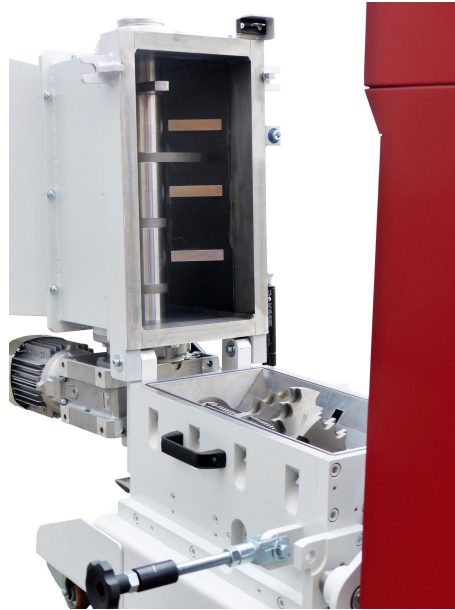


***S-Max 3 screenless granulator
with the drive for the additional feeding shaft,
mounted at the side of the hopper.***

Compared to conventional blade granulators, screenless granulators provide a number of benefits such as energy efficiency, less noise, clean and uniform regrind from hard, brittle plastics such as, ABS, PC, ABS+PC, PA, and reinforced plastics. The granulator motors have a high torque, the units run smoothly at a low speed (27 upm @ 50 Hz) without stalling, and they are suited for cutting thicker sprues and/or parts to a pellet size from 4 to 10 mm.

Advantages of feeding shafts

An additional feeding shaft – as offered as an option for the WITTMANN **S-Max 3** granulator – keeps large runners/parts in motion, and pre-breaks them, thus helping to avoid bridging or nesting of parts. The shaft also helps to avoid downtime eventually caused by material backing-up or material overflow, and keeps the production process running smoothly.



The opened material hopper of the S-Max 3 allows to take a look at the additional shaft from below.

The optional WITTMANN feeding shaft is independently driven and has elongated hooks to pre-cut the parts/runners and push them into the cutting chamber for a regular grinding, after the shaft has reduced the dimensions of the parts – and this may allow the use of an altogether smaller type of granulator, possibly saving capital expenditure.

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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