

NEWS RELEASE

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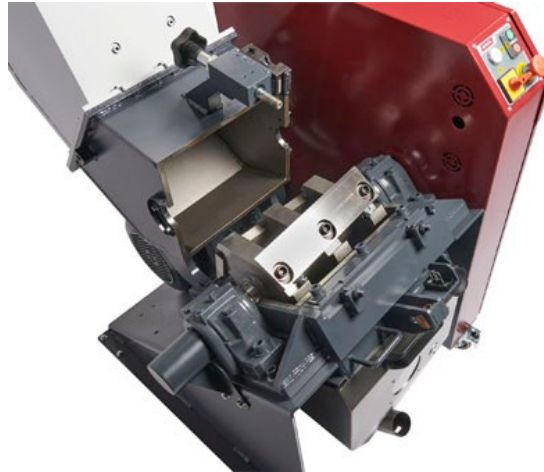
G-Max XL:
The new large-size blade granulator
from the WITTMANN Group

The new large-size model in the WITTMANN beside-the-press blade granulator series, the G-Max XL, is ideal for grinding larger injection molded parts up to 500mm x 200mm.



***The new G-Max XL beside-the-press blade granulator
from WITTMANN: powerful
and easy to use and maintain.***

Due to its compact footprint, performance and maximum material throughput of 100 kg per hour, the G-Max XL can be used as a beside-the-press granulator for inline recycling of sprues and reject parts during the start-up phase of the processing machine. It is also possible to use the G-Max XL as a central granulator.



***Not least the easy access
to the cutting chamber
sets the G-Max XL blade granulator apart.***

The open design of the 3-blade cutting rotor makes the G-Max XL ideal for grinding heat-sensitive materials that still contain heat from processing. Open spaces between the blades and the rotor shaft ensure the best ventilation and therefore good cooling. The knives can be changed very easily. Using a pre-adjustment fixture for the cutting gap, the knives are preset outside the cutting chamber to the correct distance from the two fixed counter blades. The rotating and fixed blades, which are angled in opposite directions, ensure a clean scissor cut.

The G-Max XL is driven by three V-belts, which ensure optimal torque and a low speed of 340 rpm at 50 Hz. At this speed hardly any particles are carried around the rotor, allowing them to pass through the screen in an optimal manner. The result is a significantly cleaner and more uniform regrind as well as optimized throughput – with the lowest possible noise development and low energy consumption.

The sound-insulated material hopper further reduces the noise level. The feeding hopper can be aligned both horizontally and vertically. This means there is the option of feeding parts either by robot, conveyor belt or by hand.

The granulator is certified according to the CE safety standard EN12012-1, and interesting options are available for it:

- To prevent the feeding of metal parts, a magnet can be placed on one side of the hopper.
- Grinding warm or hot material is made much easier by a water-cooled cutting chamber.

The robust welded steel construction and functional design are valued by plastics processors who strive for high productivity and demand durability and ease of use. No tools are required to access the cutting chamber or the screen fixture, which also

makes cleaning and maintenance extremely easy. This means that even material and color changes can be carried out very quickly – further increasing productivity.

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 six countries, and the additional sales companies at their 36 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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