

NEWS RELEASE

[Witt-NR-07-2016_G-Max-series]

October 14th, 2016

The new WITTMANN G-Max beside-the-press series

The new **G-Max** beside-the-press granulator comes as a flexible, productive and energy-efficient device with belt drive and a completely new control concept. This granulator can be operated from outside a protective housing. The new series comprises the **G-Max 12**, **G-Max 24**, and **G-Max 33** models.



The G-Max 12 is the smallest model of the new series of beside-the-press granulators from WITTMANN, pictured here with drive visualization (left). G-Max 33 (right), the strongest model of the new granulator series.

With the **G-Max 12** and **G-Max 33** granulators, the WITTMANN K 2016 presentation shows the smallest and the largest models of this series for the first time. **G-Max** granulators are conventional beside-the-press granulators for the grinding of soft to middle hard engineering resins. These granulators are specifically designed for the inline-recycling of sprues.

G-Max granulators are especially compact, energy saving, and are equipped with a unique cutting chamber damper to significantly reduce noise.

The granulators are also equipped with IE3 drive motors that guarantee high energy efficiency. The equipment has been designed with staggered rotors and generously dimensioned cutting chambers. Depending on the model, a material throughput of 50, 80, or 110 kg/hr can be reached.

Totally new beside-the-press concept

WITTMANN presents an entirely new granulator concept with this series: A remote control replaces the conventional electrical control device. This new concept allows for standard functions that are not available with conventional design. For example, the control device has an hour counter with a digital display. An interface enables communication with the injection molding machine. As an option, a special shutdown function is available: When the IMM is “off”, the granulator stops automatically, and this feature helps to save energy.



***View of the G-Max control:
Visual determination of the granulator
with multicolored ambiLED.***

There are two different positions of the control on the granulator to choose. This makes it much easier for the operator to supervise the grinding process. In addition, the control's connecting cable to the granulator has a length of three meters, allowing the control of the granulator from the outside of a protective housing. In contrast to the respective competitive products, WITTMANN offers all of these features as part of the granulators' standard equipment.



***The G-Max 12 granulator is shown here
within the protective housing of a working cell.***

All WITTMANN products are equipped with components of the highest quality, and this includes the **G-Max** series. The material hoppers and the regrind bins are made of stainless steel. The **G-Max** models have screens with conical shaped holes as a standard feature. This makes it easier for soft tacky regrind to pass through the screens. This also helps to minimize screen hole plugging. Cleaning is made very easy, as operators can open the cutting chambers with a complete top access.

G-Max series – technical specifications

G-Max 12 (available in January 2017)

Cutting chamber: 198 × 169 mm

Number of blades: 3 × 4

*Throughput: 50 kg/h**

Motor output: 1.5 kW

Rotor diameter: 180 mm

Regrind bin capacity: 10 liters

G-Max 24 (available in 2017, quarter 2)

Cutting chamber: 325 × 190 mm

Number of blades: 3 × 8

*Throughput: 80 kg/h**

Motor output: 2.2 kW

Rotor diameter: 180 mm

Regrind bin capacity: 12 liters

G-Max 33 (available in January 2017)

Cutting chamber: 460 × 235 mm

Number of blades: 3 × 3

*Throughput: 110 kg/h**

Motor output: 3 kW

Rotor diameter: 220 mm

Regrind bin capacity: 16 liters

[Depending on material, shape, density of sprues/parts to be processed and regrind size.]*

The WITTMANN Group is a worldwide leader in the manufacturing of injection molding machines, robots and peripheral equipment for the plastics industry. Headquartered in Vienna/Austria, the WITTMANN Group consists of two main divisions, WITTMANN BATTENFELD and WITTMANN, which operate 9 production facilities in 6 countries, including 30 direct subsidiary offices located in all major plastics markets around the world.

WITTMANN BATTENFELD focuses on the independent market growth in the manufacturing of state-of-the-art injection molding machines and process technology, providing a modern and comprehensive range of machinery in a modular design that meets the actual and future requirements of the plastic injection molding market.

WITTMANN's product range includes robots and automation systems, material handling systems, dryers, gravimetric and volumetric blenders, granulators, mold temperature controllers and chillers. With this comprehensive range of peripheral equipment, WITTMANN can provide plastics processors with solutions that cover all production requirements, ranging from autonomous work cells to integrated plant-wide systems.

The syndication of the WITTMANN Group has led to connectivity between all product lines, providing the advantage plastics processors have been looking for in terms of a seamless integration of injection molding machines, automation and auxiliary equipment – all occurring at a progressive rate.

Contact:

WITTMANN Robot Systeme GmbH

Am Tower 2

90475 Nuremberg

GERMANY

Tel.: +49 9128 7099-0

Fax: +49 9128 7099-500

info.de@wittmann-group.com

www.wittmann-group.com



Düsseldorf – October 19th–26th, 2016

WITTMANN at K Show: hall 10, booth A04