



NEWS RELEASE

[Witt-NR-13-2012\_GRAVIMAX-B34]

October 16, 2012

## The new generation of WITTMANN gravimetric blenders

*This year at Fakuma WITTMANN presents its latest polymer blender model: the GRAVIMAX B34. Based on the GRAVIMAX B14 with a batch size of up to 1 kg, the new blender has a capacity of up to 3 kg. This increased volume results in a total material throughput of up to 200 kg/hr – and this increased capacity meets the demands of most injection molding applications.*



**GRAVIMAX B34 –  
accurate dosing from batch to batch,  
thus creating value**

Usually, bigger sized blending units bring about a certain imprecision when weighing the material. But this is not the case with the GRAVIMAX units. WITTMANN GRAVIMAX blenders use Real Time Live Scale (RTLs) technology. This assures absolute batch-to-batch consistency by using progressively smaller dispensing algorithms in order to approach the target weight. Only one standard high precision dosing valve is used for pellets, regrind, and

additives. After the dosing process has been executed, a highly efficient bowl mixer provides a homogeneous material blend.

The GRAVIMAX B34 also features a reworked control system which delivers higher performance and even higher precision in metering – even under adverse conditions. The stainless steel valves – which are suitable for metering virtually any conceivable material (virgin material, regrind, masterbatch, additives) – have been adopted from the predecessor series. They are also configured for RTLS (Real Time Live Scale) operations. This means that continuous weighing ensures the utmost processing precision for every single batch of compound.

GRAVIMAX blenders are supplied with a wealth of features: For example *SmartRegrind* gives the user an automatic recipe adjustment depending on the availability of the material. Once this mode has been selected via the touch-screen control, the GRAVIMAX will compensate automatically for missing regrind with the respective (virgin) material. Furthermore, 120 recipes and a material list can be stored on the local memory, and this can be transferred to other units using a USB data carrier. The unit's standard package also provides an overview of the total material consumption or of the consumption of any single component. The GRAVIMAX B34 is available as a machine-mounted version or in combination with different floor stands.

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WITTMANN worldwide is one of the leading manufacturers of robots and peripheral equipment for the plastics industry. The WITTMANN group with Headquarters in Vienna/Austria is a worldwide operating company with 7 production facilities and 20 branch offices in all major plastics markets in the world. WITTMANN's product range includes robots and automation systems, automatic material handling with dryers and plastic recycling, temperature controllers and chillers for machine tools and volumetric and gravimetric blenders.

With this comprehensive range of peripheral equipment, WITTMANN can provide processors of plastics with total solutions which cover all their requirements, ranging from autonomous work cells with single zone temperature controllers, screenless granulators, sprue pickers, integrated vacuum loading systems and integrated cross-linked control systems with integrated material loading and dryers to automated robotic systems for flexible finishing of semi-finished injection molded parts.

On April 1<sup>st</sup>, 2008 WITTMANN took over the BATTENFELD Kunststoffmaschinen GmbH at Kottlingbrunn (Lower Austria). There will continue to be independent growth in the market for auxiliary equipment on one hand and for injection molding machines by BATTENFELD on the other. However, the syndication will lead to connectivity between both product lines, providing the advantage plastics processors have been looking for in terms of a seamless combination of processing machines, automation and auxiliary equipment – all occurring at a progressive rate.

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**Friedrichshafen – October 16–20, 2012**  
**WITTMANN at the Fakuma: hall B1, booth 1204**