

**NEWS RELEASE**

[Witt-NR-10-2013\_K-FLOWCON-plus]

October 2<sup>nd</sup>, 2013

## The new FLOWCON plus water flow regulator from WITTMANN

At the K 2013 trade fair in Düsseldorf, WITTMANN is presenting the latest model from its line of **FLOWCON** flow regulators: the **FLOWCON plus** with proportionally controlled stepper motor and wear-free flow meter. By replacing the solenoid valves of the previous model, this enables proportional control of the valves, which allows for a significant improvement in temperature control.



**FLOWCON plus**  
with 12 cooling circuits

The valves of the **FLOWCON plus** can be used both as simple control valves with flow monitoring and in combination with a temperature probe to regulate mold temperature.

Process data such as flow and temperature values can be entered either on the touch screen of the teach box or directly on the control panel screen of the processing unit, because it is connected to the flow regulator via an interface.

The key advantage of this type of flow regulator over a manually adjustable one is that it permits continuous electronic monitoring of the preset flow and temperature values. All data are logged and can be automatically adjusted proportionally via control valves. Already proven in service many times over, the WITTMANN fine regulating valve of the **301 Series** performs the flow regulation function here. Generously dimensioned channels in the casing blocks guarantee the lowest possible pressure loss and high flow rates.

Additional options for the **FLOWCON plus** are currently under development: the ability to connect directly to the fully electric *EcoPower* injection molding machine from WITTMANN BATTENFELD, for example, as well as the ability to blow mold channels out with compressed air and the ability to switch from cold water regulation to the operation of a temperature control device.

The maximum equipment configuration of the **FLOWCON plus** features 4 x 12 cooling circuits, which are connected to one another via a data cable.

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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 28 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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**Düsseldorf – October 16<sup>th</sup>–23<sup>rd</sup>, 2013**  
**WITTMANN at K Show: hall 10, booth A04**