



October 2016, Kottlingbrunn/Austria

## PRESS RELEASE

WITTMANN BATTENFELD at the K 2016

### **WITTMANN BATTENFELD with first multi-component *SmartPower* at the K 2016**

***Under the motto “be smart”, WITTMANN BATTENFELD is presenting at the K 2016 in Düsseldorf its first multi-component model of the servo-hydraulic *SmartPower* machine series from 19 to 26 October in hall 16, booth D22 – of course equipped with the new UNILOG B8 control system.***

After completing the market launch of the servo-hydraulic *SmartPower* series, WITTMANN BATTENFELD is now introducing at this year's K trade fair the first multi-component model from this machine series under the COMBIMOULD brand name. The machines of the *SmartPower* series stand out by their energy-saving servo drive technology as standard equipment. This technology is also installed in the multi-component machines, which means that every single injection unit of the *SmartPower* COMBIMOULD comes with its own servo-hydraulic drive. The resulting enormous advantages for users are extreme energy efficiency and separate, parallel operation of all injection aggregates. This enables the realization of extremely short cycle times with low energy consumption.

The compact drive units of the *SmartPower* COMBIMOULD are integrated in the machine frame, which means that the footprint of the multi-component version is just as compact as that of the standard *SmartPower*. The dimensions of the machine's control cabinet could also be left unchanged, since sufficient space is available for plugging in the additional amplifier units. Consequently, the multi-component version of the *SmartPower* takes up no more space than a standard machine from this series.

The enlarged distances between tie-bars of the servo-hydraulic *SmartPower* provide space for the installation of relatively large rotary units and large molds. This particular feature makes the *SmartPower* an optimal choice for multi-component applications.



The modularity and flexibility of the *SmartPower* COMBIMOULD is equal in every respect to its predecessor machine series, the HM. This means that the aggregates are available in V, S or L configuration as standard. Special configurations such as the H-H configuration are also possible.

The new *SmartPower* COMBIMOULD comes equipped with the new, smart UNILOG B8 control system. With its “smart screen” feature, this control system offers a special convenience in particular for the COMBIMOULD machines: the facility to display and operate two different functions simultaneously on one screen makes it possible to keep two aggregates in view on a single page.

Hence, the new multi-component version of the *SmartPower* makes multi-color, composite, assembly and multi-component injection molding even more comfortable, and that with minimal energy consumption as well. The *SmartPower* can be supplied as a multi-component machine with clamping forces ranging from 600 to 3500 kN. Larger COMBIMOULD models with up to 20,000 kN clamping force are realized with the *MacroPower* series of large machines.

At this year’s K trade fair, a drinking cap made of thermoplastic and liquid silicone will be manufactured on a *SmartPower* 180/525H/210L with an 8-cavity mold supplied by ACH Werkzeugbau, using relay technology. Parts removal and depositing will be handled by a W832 pro robot from WITTMANN.

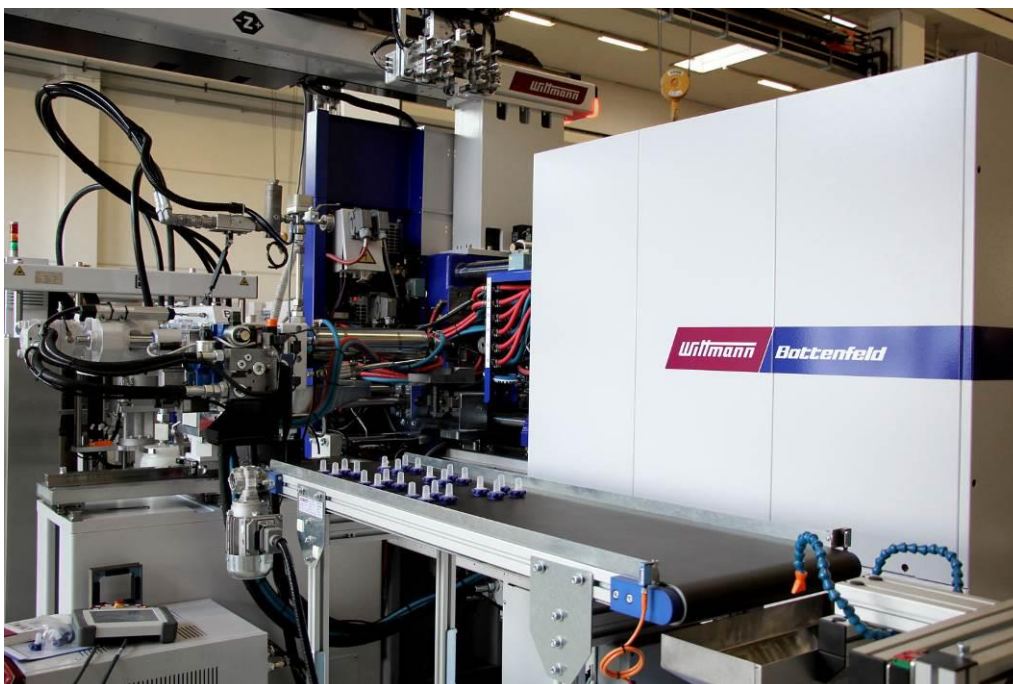
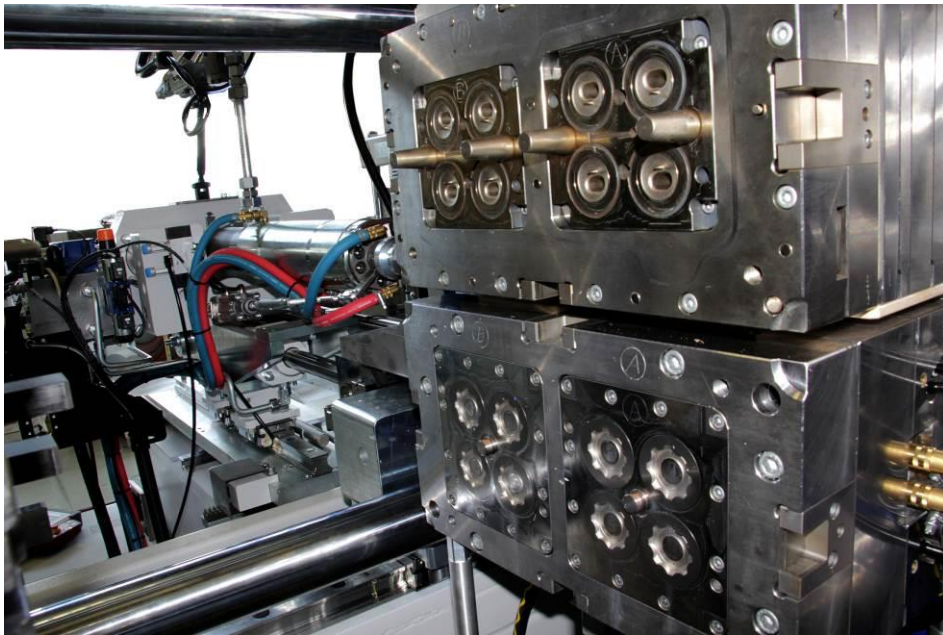


Fig. 1: *SmartPower* 180/525H/210L



**Fig. 2:** *SmartPower 180/525H/210L*



**Fig. 3:** Drinking caps made of thermoplastic and LSR

### **The WITTMANN Group**

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 32 direct subsidiary offices located in all major plastics markets around the world.



**Wittmann**

**Battenfeld**

WITTMANN BATTENFELD focuses on 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 BATTENFELD GmbH & Co.KG**

Werner-Battenfeld-Strasse 1

D-58540 Meinerzhagen

Tel.: +49 2354 72-0

Fax: +49 2354 72-485

[info@wittmann-group.com](mailto:info@wittmann-group.com)

[www.wittmann-group.com](http://www.wittmann-group.com)

**WITTMANN BATTENFELD GmbH**

Wiener Neustädter Strasse 81

A-2542 Kottlingbrunn

Tel.: +43 2252 404-1400

Fax: +43 2252 404-991400

[gabriele.hopf@wittmann-group.com](mailto:gabriele.hopf@wittmann-group.com)

[www.wittmann-group.com](http://www.wittmann-group.com)