

**NEWS RELEASE**

[ENGL_SONIC-108_Fakuma-2021]

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Extension of SONIC robot series

*The WITTMANN Group is taking the opportunity to present its most recent product developments in a great variety of different areas at the Fakuma in Friedrichshafen. Among other things, the company will showcase its latest **SONIC** robot model 12 to 16 October at its booth No. 1204 in hall B1.*

In 2019, the **SONIC** robot series was launched to replace the high-speed robots from the **UHS** series. **SONIC** robots come with a new design and are equipped with the ultra-modern R9 robot control system. The new **SONIC 108** for use on small injection molding machines with clamping forces from 50 t upwards now joins the appliances already on the market for clamping forces from 150 to 500 t.



WITTMANN SONIC 108

In contrast to the larger **SONIC** models, the **SONIC 108** has been fitted out with a fixed demolding axis, which has proved extremely advantageous for small injection molding machines. Short overhangs and a compact control cabinet simplify the CE-compliant housing of the automation cell. During the active demolding stroke movement above the mold space, no axis elements are pushed towards the injection unit, which substantially simplifies the enclosure especially in the area behind the fixed clamping plate of the machine.

The **SONIC 108** has been optimized for high-speed parts removal in packaging and pick-and-place applications. It is designed for cycle times below 4 s, with IN/OUT times kept below 0.9 s. To facilitate this type of high-speed removal, the drive system

concept has been completely revised, with **SONIC 108** still able to handle payloads up to 2 kg. The familiar WITTMANN functions, such as **iVac** vacuum control with blow-off function, axis activation, **SmartRemoval** and digital visualization of the axial movements are part of the appliance's standard equipment. Use as an insider is also possible (i. e. for parts depositing inside the IMM's protective housing). For the market launch at the FAKUMA 2021, where the **SONIC 108** will be presented for the first time, the appliance will be available with horizontal strokes of up to 1,500 mm and vertical strokes of up to 1,000 mm.

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 eight production plants in five countries, and the additional sales companies at their 34 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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Friedrichshafen – October 12–16, 2021
WITTMANN at the Fakuma show: Hall B1, Booth 1204