



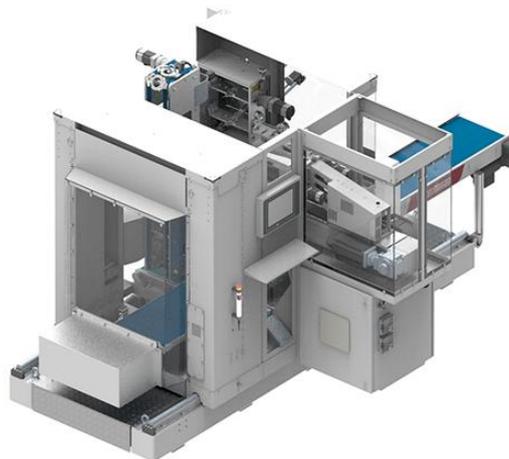
NEWS RELEASE

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WITTMANN packaging solution with minimum space requirements

*For years now, WITTMANN very successfully produces removal and insertion systems for the packaging industry: top entry work cells as well as laterally running in systems. At the Fakuma 2018, the company introduced the latest innovation in this field in the shape of the horizontal **W837 pro** robot.*



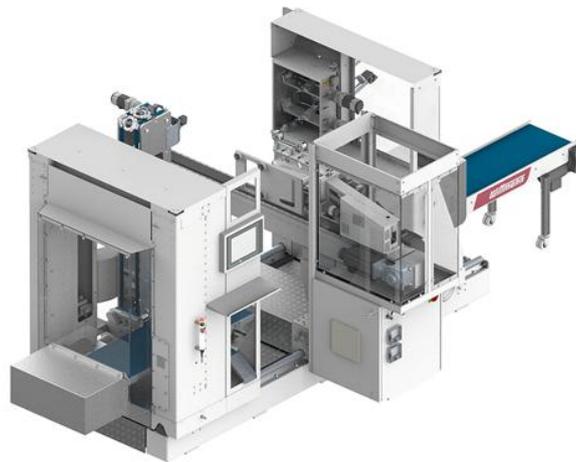
WITTMANN W837 pro:
compact dimensions when closed

The totally revised WITTMANN **W837 pro** IML system shown at the Fakuma stands out due to highest movement speed, modular design and optimal accessibility. In close interaction with the injection molding unit from WITTMANN BATTENFELD – an **EcoPower Xpress 160** – the IML system demonstrates an impressive operational efficiency.

The laterally moving **W837 pro** robot solution reverts to many components from WITTMANN's standard robot program – among these, the **R8** control and the drives – thus guaranteeing the worldwide availability of spare parts. Using the **R8** control, any program adjustments can be made in the same way as standard robot applications. This flexibility guarantees a future-proof investment and offers the possibility to adapt to possible future requirements.

The use of two synchronized servo drives at the horizontal axis allows for accelerations of 80 m/s², therefore enabling the shortest removal times and the shortest total cycle time. The Fakuma IML system produces injection molded lids in a 4-cavity mold at a total cycle time of less than 3.5 seconds. This is made possible through the use of 11 partly synchronized servo axes. Most of the time, these axes are on duty simultaneously, carrying out the separation of the labels, the insert of the labels, the removal of the parts, and the stacking procedure. The finished molded and decorated lids are dropped on a conveyor belt. If required, a camera inspection can also be executed. The transfer system is also used for discharging initial or bad parts that are removed from the system using another conveyor belt. Good parts are passed to a separate stacking axis. This axis especially is characterized by its stable double-sided guidance of the vertical axis, which ensures the exact positioning of the parts within the stacking area. In the case of the Fakuma show system, the product stacks are 300 mm high. The buffer line spans 2,000 mm in the direction of the machine's clamping platen, thus allowing simple subsequent handling of the finished parts.

In case of maintenance or service, the two lateral units (label magazine and stacking axis) can be moved by 500 mm each on the one-piece underframe. This ensures easy access for several components of the system.



WITTMANN W837 pro:
excellent accessibility when opened

“The Fakuma show is the perfect timeframe for us to present our latest developments for the packaging industry. We are very proud to have the new **W837 pro** robot solution that meets all the requirements of our customers. A leading factor is the minimization of the footprint combined with an easy access to the injection molding machine. The **W837 pro** fully meets this requirement,” says Martin Stammhammer, International Sales Manager Robots and Automation Systems of the WITTMANN Group.

“And beyond that,” he adds, “we can offer our customers a subsequent and easy installation and incorporation of a camera control system.”

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 8 production facilities in 5 countries, including 34 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.

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WITTMANN at the Fakuma show: Hall B1, Booth 1204