

News Release

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Flexible management of large-scale material handling

WITTMANN presented M8 plus control system for central material handling at the K 2025

In time for K 2025, WITTMANN has revamped its network control system for large central material handling systems. Thanks to an even clearer visualization, increased performance, and several new functions, the M8 plus generation saves a great deal of time, energy, and material. Smart Choices, Smart Savings – that was the motto at the WITTMANN Group's stand in Düsseldorf, Germany, from October 8 to 15.

The new M8 plus was developed for the operation and management of medium to large central systems. 320 conveyors, 64 dryers, and other system components such as filters, blowers, and valves can be integrated. Up to eight complete material handling systems can be operated centrally with just one control system.

Each device is connected to the network and configured for a specific task. This ensures maximum flexibility for application-specific, efficiency-optimized material supply.

The entire process at a glance

The high-resolution touch screen supports intuitive user guidance, simplifies the setting of process parameters, and enables a very clear display of all connected devices. Even when viewing individual components in detail, the entire material flow can always be kept in view as a whole. The very clear display simplifies material changes.

During the development of the M8 plus, special attention was paid to ensuring material availability and audit compliance. Material distribution is RFID-coded. All data can be made available via OPC UA on request. Another new feature is that complete production cells networked via Wittmann 4.0 can be integrated into the M8 plus control system.

A QR code gives users of the new M8 plus control generation access to AIM4Help at any time. WITTMANN's new AI-based expert system provides support for technical questions and can speed up troubleshooting.



The new M8 plus network control makes material handling even more flexible and secure.

Bild: WITTMANN

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. 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 ten production plants in seven countries, and the additional sales companies at their 35 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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