

Meat products: Innovative JUMO technology for maximum hygiene and freshness

JUMO at the IFFA trade fair / May 3 to 8, 2025 in Frankfurt am Main (Hall 8.0, Booth F60)

Modern automation and process control systems are indispensable for competitive meat processing. As a system and solution provider of industrial sensor and automation technology, JUMO offers the efficiency that the meat processing industry needs for its success. "Our innovative program app enables easy recipe creation and almost programming-free process control. With the new recorder app, trend visualizations and complete batch reports can be created effortlessly and, in conjunction with our JUMO smartWARE evaluation, manipulation detection of the data is guaranteed," says Michael Wiener, Global Product Manager PLCs Strategic at JUMO.



Both apps are integrated into the JUMO controllers and are unique on the market in this form. "This makes meat processing quick and smooth," emphasizes Wiener.

The new JUMO I/O system

The new JUMO I/O system offers a cost-efficient and innovative way to implement a wide range of industrial automation requirements. With a variety of analog and digital input and output modules, it enables customized process mappings and contributes to increased production efficiency with improved cycle times. A special highlight is the DIN rail controller from JUMO, which makes the I/O system unique. Thanks to its modular design, the system is

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expandable, and the flexible and scalable JUMO I/O system allows maximum adaptability through PUSH IN terminals or pluggable terminals.

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Die neue JUMO variTRON-Recorder-App

The recorder app integrated into the JUMO variTRON controllers eliminates the need for additional screen recorders by visualizing critical process parameters in real time. This feature is integrated into the firmware of the JUMO variTRON 500 touch, while the JUMO variTRON 500 offers the web-based function. Data security is ensured by digital, self-signing certificates in conjunction with hash algorithms.

The JUMO hydroTRANS series is ideal for climate control in meat production. The JUMO meroTRON 104 is ideally suited for boiling kettle control. It impresses with its modular single/dual-channel controller with optional PLC function (ST-Code-Editor).



Photo: JUMO

Caption: The JUMO variTRON 500 touch provides users with a smart solution for simple automation applications. It can be ideally used in the meat products industry.

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Photo: JUMO

Caption: The JUMO meroTRON 104 is ideally suited for boiling kettle control. It impresses with its modular



single/dual-channel controller with optional PLC function (ST code editor).

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Photo: JUMO

Caption: The JUMO hydroTRANS series is ideal for climate control in meat production.

The JUMO Group, headquartered in Fulda, Germany, employs more than 2500 people worldwide and is a leading system and solution provider for industrial sensor and automation technology. JUMO products are used, for example, in the sectors "Thermal Process Technology", "Heating and Air Conditioning", "Food and Beverage", "Renewable Energies" or "Water and Wastewater". Sales in 2024 were 301 million euros.