

Danfoss Press Release

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Danfoss Power Solutions launches WalformConnect assembly machine to optimize tube-forming production

- *WalformConnect machine reduces risk of assembly errors*
- *Connected machine enables production monitoring and optimization*

NORDBORG, Denmark – [Danfoss Power Solutions](#), a leading global supplier of mobile and industrial hydraulics as well as electric powertrain systems, has launched its new WalformConnect tube-forming machine. With an array of digital features, data tracking, and cloud connectivity, the WalformConnect machine enables simple and safe hydraulic tube forming within the Walform® system — a leading cold forming metric tube fitting system — driving reliable performance and optimized production processes.

Designed to help customers ensure correct forming of high-performance hydraulic tubes, the WalformConnect machine features an array of digital capabilities and connectivity options. The new machine reduces the risk of assembly errors with a barcode scanner that verifies the correct tooling to use. In addition, the machine automatically indicates the compatible clamping jaw part number and tube parameters.

The WalformConnect machine enables in-depth production monitoring by capturing a range of real-time data, such as cycle times, machine temperature, and tool clamping status. Operators and supervisors can easily access information on what proportion of a production lot is complete, the cycle time per order, and more. The ability to monitor multiple machines in the cloud enables easier operational planning. In addition, historical production data and information on past orders can be saved on an individual machine or in the cloud, enabling easy local or remote analysis to further improve production. The machine can be fully integrated into a customer's manufacturing process, allowing for paperless production with orders sent directly from an enterprise resource planning system.

To maximize WalformConnect machine uptime, real-time monitoring can automatically provide maintenance teams with information to support error resolution, while remote software updates and failure analysis further reduce the risk of production delays.

"Customers around the world rely on the Walform system for dependable, leak-free performance when it matters most," said Christian Kuenstel, global product management leader, Connectors, Danfoss Power Solutions. "Our new WalformConnect machine will help make it even easier to ensure fast and safe tube assembly through its suite of digital capabilities. With complete visibility into production data, supervisors can enhance efficiency, ensure quality, and minimize the risk of unplanned downtime. WalformConnect is a win-win for anyone that wants streamlined production and absolute tube-fitting reliability in high-pressure and high-vibration applications where safety is crucial."

The WalformConnect machine enables easy and safe forming of steel and stainless steel tubing in 6 to 42 millimeter sizes. The Walform system is widely used in demanding industry applications throughout agriculture, construction, manufacturing, transport, oil and gas, and more.

To learn more, visit the [Danfoss Waltech](https://www.danfoss.com/waltech) webpage.

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About Danfoss

Danfoss engineers solutions that increase machine productivity, reduce emissions, lower energy consumption and enable electrification. Our solutions are used in such areas as refrigeration, air conditioning, heating, power conversion, motor control, industrial machinery, automotive, marine, and off- and on-highway equipment. We also provide solutions for renewable energy, such as solar and wind power, as well as district-energy infrastructure for cities. Our innovative engineering dates back to 1933. Danfoss is family-owned, employing more than 40,000 people, and serving customers in more than 100 countries through a global footprint of 95 factories.

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