

## Continuous furnace rethought: JUMO heats up the competition

### Complete solution with JUMO products – JUMO LOGOSCREEN 700, JUMO variTRON 500 touch, JUMO TYA 20X power controller

The increasing requirements for quality, traceability and energy efficiency pose new challenges for industrial heat treatment. JUMO relies on a state-of-the-art solution for heat treatment lines – including an integrated system solution for the continuous furnace.

#### Why the heat treatment line from JUMO is convincing

As a full-service provider, JUMO combines decades of experience in thermal process technology with state-of-the-art sensor technology, automation and digitalization. The new heat treatment line impresses with precise control, simple operation, high energy efficiency and full compliance with international standards such as AMS2750, CQI-9 and ISO 20431.

#### The advantages for the customer at a glance:

- **Highest product quality** thanks to precise temperature control and process monitoring;
- **Complete traceability** due to digital batch records and smart reporting;
- **Significant increase** in efficiency through perfectly coordinated JUMO products: from sensors to controllers to the cloud;
- **Time and cost savings** through easy configuration, intuitive operation and modular system integration;
- **Future-proofing** thanks to open interfaces (e.g. OPC UA, PROFINET) and customizable software solutions, such as JUMO smartWARE Program and JUMO smartWARE Evaluation.

#### Advantage through systems thinking

The central component of the line – the continuously operating continuous furnace – is operated efficiently and safely with JUMO products such as the JUMO LOGOSCREEN 700, JUMO variTRON 500 touch, JUMO TYA 20X power controllers and certified safety

Presse-Information  
PI 2525

Seite 1 von 2

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systems. Products such as the thermocouple with special connection clamp or the JUMO NESOS level sensor guarantee smooth operation in every phase – from degreasing to quenching.

**Presse-Information  
PI 2525**

Seite 2 von 2

### **JUMO delivers more than technology**

"We see ourselves not only as a manufacturer, but also as a solution provider," emphasizes Christoph Bollgen, Industry Manager Thermal Process Technology. "Our customers don't just receive individual products, but an intelligent overall system – including engineering, consulting and service."



**Photo: JUMO**

**Caption: JUMO relies on a state-of-the-art solution for heat treatment lines – including an integrated system solution around the continuous furnace.**

*The JUMO Group, headquartered in Fulda, Germany, employs more than 2,400 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, Air Conditioning, Ventilation", "Food and Beverage", "Renewable Energies" or "Water and Wastewater". Sales in 2024 were 301 million euros.*