



QUAT²RO at Anuga FoodTec

Digital Product Innovations for a Connected Future

In Hall 8.1, Booth D-038 – E-039, QUAT²RO, the renowned expert in digital technologies from HAVER & BOECKER, is presenting alongside its sister companies BEHN + BATES, Feige FILLING, and NEWTEC BAG PALLETIZING. The combined expertise of these companies ensures a seamless process along the entire production chain: from filling and palletizing to the digital production representation and management systems.

The exhibition booth sends a clear message under the theme "Zero Hunger". BEHN + BATES, Newtec Bag Palletizing, and Feige Filling actively support the UN Sustainable Development Goals, particularly the ambitious goal to eliminate hunger and malnutrition worldwide by 2030.

QUAT²RO is introducing the product innovation QUAT²RO® Connect for the first time at Anuga FoodTec 2024, an intelligent system revolutionizing data analysis throughout the entire production process. The digital platform consolidates all production equipment data, making all information accessible and analyzable from a central point. Additionally, it serves as the foundation for applications such as "Insights" and "Dashboards." Operators gain comprehensive, cross-manufacturer access to the status of the entire manufacturing landscape. QUAT²RO® Connect is designed to anticipate future requirements, seamlessly integrate new QUAT²RO® applications, and provide optimized compatibility with web-based devices. The innovative platform combines efficiency, security, and scalability to ensure optimal performance and reliability. The basis of QUAT²RO® Connect includes features to ensure IT security, offering a unique combination of cloud-based management with local deployment and robust data security. This allows comprehensive insights into machine performance, production results and downtime. The respective parameters and graphical display options are personally configurable

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and can be tailored to individual queries. QUAT²RO[®] Connect represents a significant advancement in intelligent systems and forms a solid foundation for future developments in the manufacturing landscape.

In the field of mixing process control and automation, QUAT²RO introduces the next generation of the QUAT²RO[®] Batch software. A higher level of efficiency and user-friendliness is achieved with a redesigned, intuitive user interface. Newly added features include flexible batch management for any number of mixers and a shared master data management for process optimization. QUAT²RO[®] Batch is now available on various mobile devices. Seamless integration of external interfaces and a modern .Net 6 architecture provide a stable and future-proof solution for production processes.

Also showcased is the digital manufacturing system, QUAT²RO[®] Production, enabling targeted optimization of packaging, loading, and mixing processes. The entire production process is digitally connected and represented with the Manufacturing Execution System, QUAT²RO[®] Production, allowing for efficient planning and control of orders directly from the system. This intelligent and comprehensive integration of all production steps enables the display, evaluation, and implementation of production processes. From weighing, filling, inspecting, and labeling various bulk goods and liquids to palletizing and packaging, the entire production process is digitally controllable through QUAT²RO[®] Production. This eradicates conventional barriers between an ERP system and the production.

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QUAT²RO – The solution for the digital coordination of the value chain.

About QUAT²RO

QUAT²RO was established in 2016 as an independent subsidiary of the HAVER & BOECKER corporate group, headquartered in Münster, Westphalia. The company specializes in customized digitalization and automation solutions, focusing on software modules and management systems for the cement, building materials, chemical, mining and food industries. QUAT²RO operates internationally and currently employs 23 staff members.

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