

Efficient and sustainable: Westfalia presents pioneering automation solutions for food and beverage manufacturers

Borgholzhausen/Cologne, January 24, 2024 – At this year's Anuga FoodTec, Westfalia Technologies GmbH & Co. KG will be presenting its customized intralogistics solutions for the food and beverage industry from March 19 to 22. As a specialist for automated normal temperature, refrigerated and deep-freeze warehouses, Westfalia knows the challenges of the industry and offers individual solutions for the diverse requirements.

Focus on energy efficiency and digitalization

The energy crisis in the food industry is becoming noticeable due to rising costs and a shortage of resources. At the trade fair, Westfalia will be presenting efficient and sustainable intralogistics solutions that help to reduce energy consumption and enable resource-saving warehouse operations. The company's own fully integrated Warehouse Execution System Savanna.NET[®], which intelligently controls the warehouse and conveyor technology, is designed to increase efficiency along the entire value chain. This allows products to be transported faster and more efficiently, as the software pays close attention to minimizing movements within the warehouse and keeping transport routes short.

Flexibility for increasing product diversity

Westfalia is used to recording customer-specific requirements and framework conditions in detail and deriving the appropriate concept solutions from them. The increasing variety of products in the food and beverage industry in particular requires flexible and efficient storage concepts. This is why every storage solution from Westfalia is also individually dependent on the article structure, as this determines the choice of load handling device and storage type. The telescopic and Satellite[®] storage system from Westfalia are two different approaches that enable food manufacturers to manage their

storage and transportation tasks optimally and thus successfully meet the challenges of increasing product diversity.

Automation as the answer to the shortage of skilled workers

As a specialist for automated normal temperature, refrigerated and deep-freeze warehouses of all sizes - from a maturing warehouse for Tönnies with 2,500 storage locations to Lineage Harnes 2 with 60,664 storage locations - Westfalia knows the specific requirements of fresh and deep-freeze logistics inside out. In the deep-freeze sector, for example, it is the tough working conditions at temperatures as low as -35° C that make the search for qualified personnel a real challenge.

Westfalia offers intelligent and automated solutions to meet these requirements. Goods-to-person systems, fully automated layer picking and innovative maintenance lifts on the storage and retrieval machines are just a few examples of approaches that not only increase efficiency but also relieve the strain on staff in extreme working environments.

From March 19 to 22, visitors to Anuga FoodTec in Cologne will have the opportunity to talk to Westfalia's intralogistics experts at Stand B018 (Hall 7.1).

About the company

Since 1971, traditional craftsmanship has met high-tech at Westfalia Technologies: As a specialist for automation along the entire supply chain, the Westfalia Group designs, implements and modernizes automated warehouse and logistics systems of the highest efficiency and reliability worldwide.

With the key technologies Satellite® and telescopic forks as well as particularly gentle pallet handling, Westfalia Technologies is a general contractor specializing in single and double-deep storage systems as well as compact storage systems for automated multi-deep storage: from consulting and on-time implementation to comprehensive 24/7 services and service packages, IT/PLC services and support, safety training, rack inspections and maintenance as well as parts management.

Westfalia Technologies develops, manufactures, and implements storage and retrieval machines, conveyor technology including PLC control and the powerful Savanna.NET® Warehouse Execution System, which combines software functions for warehouse management and material flow control. As part of the WORTMANN Group, the intralogistics automation specialist offers the complete TERRA-IT infrastructure.

Source photos: Westfalia Technologies GmbH & Co. KG

Captions:

Automated high-bay warehouse at Molkerei Ammerland eG.jpg

Satellite® storage system at beckers bester GmbH.jpg

Automated high-bay warehouse at the Tönnies Group.jpg

Precise handling performance with Satellite® at the Tönnies Group.jpg

Turnkey high-bay warehouse for Midsona Deutschland GmbH.jpg