

## PRESS INFORMATION

# Bosch Rexroth to showcase flexible consumer packaged goods (CPG) automation solutions at PACK EXPO 2024

Jenn Fanning | 09/20/2024 | USA | DC24011

Demonstrations covering multiple Bosch Rexroth automation technologies will be featured at PACK EXPO 2024, including a complete palletizing solution with a collaborative robots.

Featured will be a multi-tech collaborative palletizing demo, built on a foundation of Bosch Rexroth's aluminum structural framing, that consists of a VarioFlowplus conveyor system that delivers high accuracy with unprecedented speed, combined with a Kassow 7-axes collaborative robot. In addition to the palletizing demo, Bosch Rexroth's comprehensive booth is packed with a strategic range of products and solutions technologies designed to highlight the flexibility and productivity of automating packaging processes. Key booth demos and highlights include: **ctrlX AUTOMATION:** This demo illustrates the modularity and scalability of ctrlX AUTOMATION while presenting an overview of ctrlX DRIVE and ctrlX CORE hardware capabilities with its unique four-sided display. Featured is a three-axis ctrlX DRIVE linked to a ctrlX CORE industrial PC running in real-time. Other components, such as ctrlX IO, ctrlX HMI and the MS2N synchronous motor, are also included. In addition, the exhibit demonstrates how ctrlX CORE supports modern languages for today's industrial machinery, such as Java, Python and Node Red, plus many other application-appropriate languages. **VarioFlow plus:** The modular VarioFlow plus plastic chain conveyor is a high-performance, versatile plastic chain conveyor system with components that are easy to assemble in both horizontal and vertical configurations. This capability allows manufacturers to set up systems that accommodate compact facility footprints, as well as serve as buffer storage. Suitable for CPG and other applications, the chain surface is nearly closed, allowing even the smallest of parts to be transported safely and reliably. **Linear Motor Modules:** Fast, compact and precise – these properties characterize the new linear motor modules (LMM) from Bosch Rexroth. The axes are available in sizes 140, 180 and 220 mm and feature a zero-backlash direct drive. They complement the existing linear motion technology portfolio as a ready-to-install solution offering excellent value for money. **Smart Function Kit for Handling:** The kiosk highlights features & benefits of the Smart Function Kit for Handling, as well as showing a working Cartesian multi-axis system whose configuration output can be created by booth visitors using adjacent Bosch Rexroth eTools software demonstration. The exhibit will present how predefined multi-axis combinations can be easily sized, configured and ordered as one part number. In addition, the Smart Function Kit for Handling software app running on ctrlX AUTOMATION allows fast commissioning through auto parameterization of the servo drive. For more information, visit <https://boschrexroth-us.com/packexpo>



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### Basic Information Bosch Rexroth

As one of the world's leading suppliers of drive and control technologies, Bosch Rexroth ensures efficient, powerful and safe movement in machines and systems of any size. The company bundles global application experience in the market segments of Mobile and Industrial Applications as well as Factory Automation. With its intelligent components, customized system solutions, engineering and services, Bosch Rexroth is creating the necessary environment for fully connected applications. Bosch Rexroth offers its customers hydraulics, electric drive and control technology, gear technology and linear motion and assembly technology, including software and interfaces to the Internet of Things. With locations in over 80 countries more than 32,000 associates generated sales revenue of around 7.0 billion euros in 2022.

### Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 421,000 associates worldwide (as of December 31, 2022). The company generated sales of 88.2 billion euros in 2022. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. The basis for the company's future growth is its innovative strength. At 136 locations across the globe, Bosch employs some 85,500 associates in research and development, of which nearly 44,000 are software engineers.

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