

PRESS RELEASE

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## **Bosch Rexroth to showcase complete automation solutions at ATX West 2024**

**The latest technology demos and informative exhibits highlight the broad range of factory automation technologies at ATX West 2024 in Anaheim, California.**



Demonstrations and booth presentations covering multiple Bosch Rexroth automation technologies will be featured at ATX West 2024, including mechatronics, linear motion, transport and robotics.

### **Bosch Rexroth will showcase customized factory automation technologies and solutions at ATX West 2024 on February 6-8 in Anaheim, California.**

Located in booth 4201, ATX West attendees will have the opportunity to see how Bosch Rexroth brings together a harmonized combination of advanced manufacturing hardware, software, and engineering. Rexroth will be showcasing automation solutions that are smart, sophisticated and simpler than past solutions.

At the booth, immerse yourself in live and interactive demonstrations centered around factory automation. Attendees can expect to see an FTS conveyor integrated with a Kassow seven-axes cobot, as well as a high-speed smart conveyance demo – all powered by ctrlX AUTOMATION. Various kiosks will be focused on our advanced products, including our next generation handling system, and much more!

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Key booth demos and highlights include:

**ctrlX AUTOMATION:** The ctrlX AUTOMATION Cube showcases our latest versatile controller ctrlX CORE. ctrlX CORE is flexible in connectivity through various automation and IT networks and shows the engineering programming environment, along with the growing ctrlX World ecosystem in cooperation with many automation partners.

ctrlX AUTOMATION products can be utilized in the majority of automation, processing and handling applications. It is truly the most future-proof automation system from Bosch Rexroth.

**Flexible Transport System (FTS):** This working transport system, powered by ctrlX CORE, demonstrates a magnetically propelled pallet transport system for high transfer speeds and precise pallet positioning that allows for independent and synchronized pallet movement, as well as integration into a traditional conveyor system.

The flexible transport system demonstrates a complete factory automation solution, featuring products across Bosch Rexroth's automation portfolio, including:

- TS2 conveyors
- ML3 synchronous linear motors with an iron core
- IndraControl YM

**Smart Conveyance Demo:** This conveyor demo showcases Rexroth's diverse technologies, featuring our unique aluminum structural framing and TS2 plus palletized assembly conveyor for assembly solutions. Compact modules use three linear axes to form a Cartesian robot, automating assembly with Rexroth's linear motion components. The cabinet-free system, powered by IndraDrive Mi from our automation solutions, is controlled by a Rexroth XM22 PLC with Safety PLC, Safe Torque, and Safe Motion. The system also employs an open PLC platform with versatile communication capabilities.

**Smart Function Kit for Handling:** The kiosk includes a presentation that highlights features & benefits of Smart Function Kit for Handling, combined

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with 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.

**Aluminum Structural Framing:** Frame your factory with the original aluminum profile from Bosch Rexroth! Backed by decades of decades of experience and unbeatable flexibility for the design of your assembly line, Bosch Rexroth has been continuously enhancing our wide range of aluminum profiles for more than 40 years.

For more information, visit [www.boschrexroth-us.com/atxwest](http://www.boschrexroth-us.com/atxwest). ATX West attendees are invited to visit booth 4201 to learn more, directly from Rexroth's experts.

*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.*

To learn more, please visit [www.boschrexroth.com](http://www.boschrexroth.com)

*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*

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*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.*

Additional information is available online at [www.bosch.com](http://www.bosch.com), [www.iot.bosch.com](http://www.iot.bosch.com), [www.bosch-press.com](http://www.bosch-press.com), [www.twitter.com/BoschPress](http://www.twitter.com/BoschPress).

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