

PRESS INFORMATION

Bosch Rexroth to present advanced, comprehensive automation solutions at Automate 2025

Jennifer Fanning | 03/10/2025 | USA | DC25003

Exhibits include customizable conveyance systems for a variety of applications, open controls, best-in-class linear motion components, and a robust selection of aluminum framing.

Bosch Rexroth will be exhibiting from its robust portfolio of automation solutions in booth #4807 at Automate 2025 from May 12-15 at Huntington Place in Detroit, Michigan. Attendees will be able to interact with a selection of exhibits from Bosch Rexroth's various technology groups and speak one-on-one with product experts on the latest advancements in automation technology.

Among the offerings include:

Conveyor Systems for Every Application

Bosch Rexroth will be displaying its breadth of conveyance solutions, including the ctrlX FLOW HS linear motion system, and for the first time, the new ctrlX FLOW 6D contactless transport system. There will also be a moving FTS conveyor with an integrated Kassow Robots 7-axes collaborative robot, demonstrating both the precision and speed that high-speed smart conveyance can offer. In addition, Bosch Rexroth's comprehensive portfolio of transfer systems, covering payload capacities from 3kg-400kg, will also be in the booth.

Controls for Open Automation

Booth visitors will also see Bosch Rexroth's extensive ctrlX AUTOMATION portfolio, including ctrlX DRIVE and ctrlX CORE solutions, a 40-axis demonstration, and cabinet-free ctrlX AUTOMATION solutions. The booth will also feature a new general automation display wall to highlight the ctrlX AUTOMATION offering for non-motion applications. Bosch Rexroth is pioneering an open controls environment through its growing number of partners in the ctrlX World ecosystem and app-based solutions in Linux-based operating system ctrlX OS. Automate attendees can learn how this new technology and approach represents the future of automation.

Best-In-Class Linear Motion

Among the highlights, Bosch Rexroth will be displaying an interactive touch table of best-in-class linear components, including rails, screws, and actuators. From the multi-axis Cartesian handling solution, visitors will experience the benefit of standard, ready-to-install subsystems, as well as how our LinSelect tool empowers users to assemble a suitable system with just a few clicks. There will also be a hologram display of the IMS-compact, a measuring sensor integrated into the carriage that uses a maintenance free, non-contact measuring principle to provide precise and reliable measurements.

A Robust Selection of Aluminum Framing

The building blocks of automated solutions – Bosch Rexroth's industry-leading aluminum framing solutions will be dispersed throughout multiple locations within the booth. The next generation of protective guarding, EcoSafe, will surround a model of a custom TS2plus and VarioFlow plus conveyance system. On the screen, a digital model of the same physical display will be simulated, as well as demonstrated in Rexroth's robust design software, MTpro. Additional framing displays will be a strategic selection of aluminum framing components and profiles, as well as an ergonomic, manual workstation.

For more information on Bosch Rexroth's presence at Automate, visit www.boschrexroth-us.com/automate. Automate attendees are invited to visit booth #4807 to learn more directly from Bosch Rexroth's experts. Booth visitors are also encouraged to visit Bosch Rexroth's subsidiary, Kassow Robots, at booth #2439.

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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, around 33,800 associates generated sales revenue of 7.6 billion euros in 2023.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 429,000 associates worldwide (as of December 31, 2023). The company generated sales of 91.6 billion euros in 2023. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. 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. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 90,000 associates in research and development, of which nearly 48,000 are software engineers.

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