

PRESS RELEASE

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Experience Bosch Rexroth's complete factory automation solutions at Automate 2022

The latest technology demos and informative exhibits highlight Rexroth's broad range of factory automation technology at Automate 2022 in Detroit, Michigan.

For Immediate Use



Demonstrations covering multiple Bosch Rexroth automation technologies will be featured at Automate 2022, including autonomous mobile robots, linear motion tools, automation platform and more.

Bosch Rexroth will showcase one of the industry's most complete solutions for factory automation and robotics at Automate 2022 on June 6-9, 2022, in Detroit, Michigan.

Located in booth 3752, Bosch Rexroth brings together a unique combination of advanced manufacturing hardware, software and engineering innovation to develop comprehensive factory automation solutions that will turn a customer's manufacturing facility into a Factory of the Future.

The booth will feature interactive exhibits and several working systems demos, including a Smart Function Kit for Handling multi-axis Cartesian robot, as well as an autonomous mobile robot that uses Rexroth's RoKIT locating software to navigate highly dynamic environments without human intervention. Also featured will be a demo of the ctrlX CORE controller, part of the award-winning ctrlX AUTOMATION controls and drive platform that makes automation as easy as using a smartphone.

Whether rendering manual solutions, adding modular technology, or preparing to implement full i4.0 connectivity, booth visitors are encouraged to consult with

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Bosch Rexroth's factory automation experts to get strategic approaches and practical advice about how the company's technology can help them build smarter, more productive manufacturing solutions — and deliver those solutions with maximum speed and minimal complexity.

Key booth demos include:

MP1000R Autonomous Mobile Robot (AMR): Using the RoKIT Locator Software, the MP1000R is able to navigate autonomously in highly dynamic environments without additional infrastructure. The MP1000R is a flexible and scalable solution that can replace manual forklifts and tuggers in manufacturing spaces, leading to improved efficiency, and help protect workers from potential injury.

Flexible Transport System (FTS): This working system 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.

Smart Function Kit for Handling: The kiosk includes a presentation that highlights features & benefits of the Smart Function Kit for Handling, combined 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 allows fast commissioning through auto parameterization of the servo drive.

ctrlX AUTOMATION Cube: This unique four-sided demonstration exhibit showcases the key capabilities of the ctrlX CORE automation controller. The exhibit uses a working ctrlX CORE controller to highlight the system's connectivity through various automation and IT networks. Along with details about new ctrlX AUTOMATION apps from third-party suppliers, booth visitors will be able to see how the ctrlX CORE communicates with other demos in the booth and be able to program motion sequences for the Smart Function Kit for Handling demo system.

For more information, visit www.boschrexroth-us.com/automate. Automate attendees are invited to visit booth 3752 to learn more, directly from Rexroth's experts.

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About 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 Applications, Machinery Applications and Engineering, and Factory Automation. With its intelligent components, customized system solutions 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 31,000 associates generated sales revenue of around 6.2 billion euros in 2021. To learn more, please visit www.boschrexroth-us.com.

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About Bosch:

The Bosch Group is a leading global supplier of technology and services. It employs roughly 401,300 associates worldwide (as of December 31, 2021). According to preliminary figures, the company generated sales of 78.8 billion euros in 2021. Its operations are divided into four business sectors: Mobility Solutions, 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 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 128 locations across the globe, Bosch employs some 76,300 associates in research and development, of which more than 38,000 are software engineers.

Additional information is available online at www.bosch.com, www.iot.bosch.com, www.bosch-presse.de, www.twitter.com/BoschPresse.

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