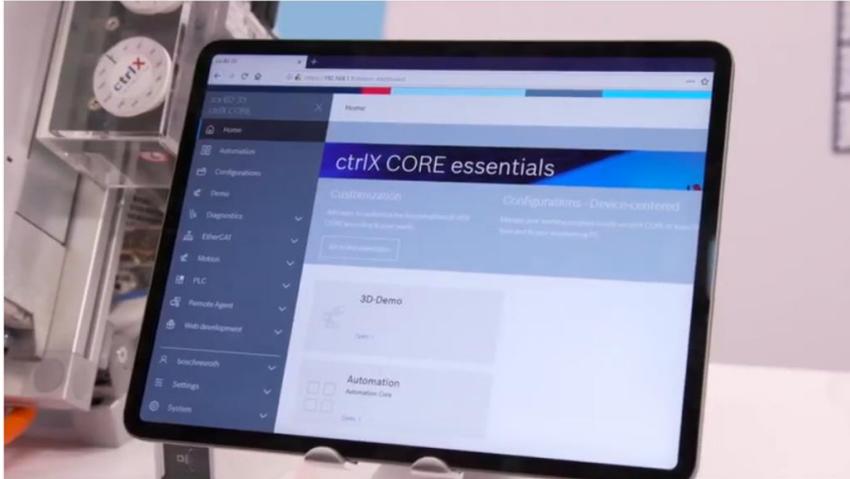


ASSEMBLY Show South 2023 Videos

Thank you for your interest in Bosch Rexroth. Below are pertinent YouTube videos that may help explain our technologies and how they are used.

[ctrlX AUTOMATION – IOT & PLC Solutions](#)



The automation platform ctrlX AUTOMATION provides all building blocks for individual PLC & IoT applications. Own process know-how can easily be integrated and connected to the system. Customers benefit from the openness, security and the free choice of programming language. Watch the video to find out more information!

[ctrlX AUTOMATION | PERFORMANCE MOTION CONTROL SOLUTIONS](#)



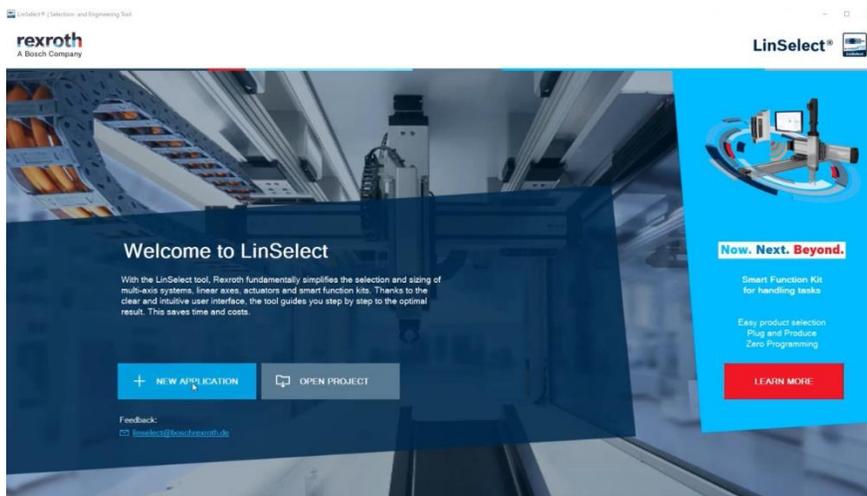
The automation platform ctrlX AUTOMATION provides all building blocks for performance Motion Control solutions. Customers benefit from a 360° solution with highest flexibility, modularity and scalability. Find out more in this video!

Contact for Journalists:
Bosch Rexroth Corporation
Michael Thompson
14001 South Lakes Dr.
Charlotte, NC 28273
Telephone (704) 430-9203
Michael.Thompson2@boschrexroth-us.com

Dalton
Lindsay Anderson
140 W. Monroe St
Jacksonville, FL 32202
Telephone (904) 318-7172
landerson@daltonagency.com

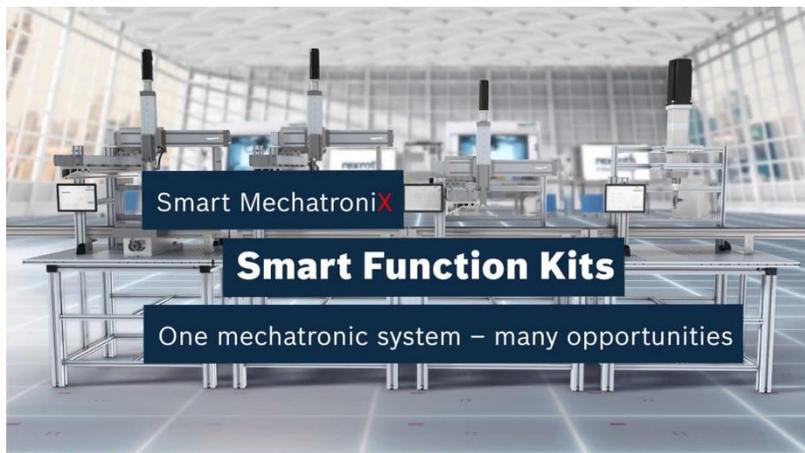
ASSEMBLY Show South 2023 Videos

[LinSelect](#)



The LinSelect tool fundamentally simplifies the selection and sizing of multi-axis systems, linear axes, actuators, and smart function kits. This video will introduce you to the LinSelect's user-friendly interface, and walk you through the basic steps of sizing and selecting your Smart Function Kit for Pressing. Find out more by watching the video!

[Smart Function Kit for Handling](#)



Easy product selection, fast commissioning and process configuration with the modular mechatronic system from Bosch Rexroth. Watch this video to learn more about the Smart Function Kit for Handling!

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Michael Thompson
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Michael.Thompson2@boschrexroth-us.com

Dalton
Lindsay Anderson
140 W. Monroe St
Jacksonville, FL 32202
Telephone (904) 318-7172
landerson@daltonagency.com

ASSEMBLY Show South 2023 Videos

[Smart Flex Effector](#)



The Smart Flex Effector can be used in a wide range of applications. For example, when it comes to joining small tolerances, quality documentation, Tool Center Point detection or compensation of position drifts in the x-, y- and z-direction. This means that there will be completely new possibilities here in the future. Watch this video to find out more!

[Aluminum Framing](#)



Did you know Bosch Rexroth's aluminum structural framing is designed for change? Our versatile framing is pre-engineered to easily change from a workstation to a cart or even to a flow rack. Check out this video to learn more about it!

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Michael Thompson
14001 South Lakes Dr.
Charlotte, NC 28273
Telephone (704) 430-9203
Michael.Thompson2@boschrexroth-us.com

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Jacksonville, FL 32202
Telephone (904) 318-7172
landerson@daltonagency.com

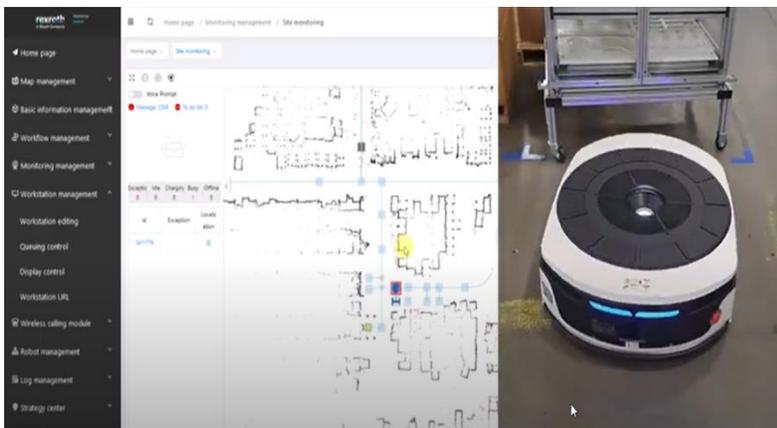
ASSEMBLY Show South 2023 Videos

AMR



In collaboration with leading AMR provider Geek+, Bosch Rexroth developed the simultaneous localization and mapping (SLAM) technology for the MP1000R. The CE- and ETL-certified robot features hybrid navigation with SLAM + QR Code, 360-degree obstacle detection together with anti-collision bumpers and emergency stop buttons in the front and rear. Check out the video to learn more about the AMR!

Locator Navigation



The ROKIT Locator by Bosch Rexroth is a software component that reliably determines the position and orientation of a wide range of vehicle types in a variety of changing environments. This is made possible by a high-performance algorithm that automatically detects and maps the natural environment using a laser sensor on the vehicle. Bosch Rexroth thus provides a key technology and resolves the challenge of localizing your mobile robots with maximum flexibility and usability.

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Charlotte, NC 28273
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Jacksonville, FL 32202
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