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PRESS RELEASE

DC21004
08/02/2021

For Immediate Use

Bosch Rexroth to present Industry 4.0-ready technologies at ATX West 2021

Special system demonstrations and informative exhibits showcase the latest connected industry solutions for automation and smart manufacturing applications at ATX West 2021 in Anaheim, CA.

Bosch Rexroth will present a full range of technology demos and product exhibits, showcasing its portfolio of smart conveyors, automation drives and controls, linear motion technology and other connected industry solutions, at ATX West 2021.

Bosch Rexroth will join with leading suppliers and users of automation, robotics and smart manufacturing to showcase the company's industry-leading portfolio of connected industry solutions at ATX West 2021 on August 10-12 in Anaheim, California. Located in booth 4400.

At ATX West 2021, attendees will have a unique opportunity to view firsthand multiple exhibits and operating system demos covering a broad range of new and proven Rexroth technologies, including multiaxis Cartesian systems, high-speed precision conveyors, wireless tightening systems, an advanced production floor data visualization system and new robotics offerings.

Highlights of the booth include several working systems demos, one of those being a multitechnology conveyor demonstration integrating TS 2*plus* conveyors with a 3-axis Cartesian robot, as well as complete details on Rexroth's groundbreaking new ctrlX AUTOMATION platform — designed to make automation as easy as using a smartphone.

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Booth visitors will also have the opportunity to have one-on-one conversations about their unique automation and smart manufacturing with Rexroth's Industry 4.0 experts, who can offer practical advice and new ideas about how the company's technology can help them build smarter, more versatile and productive manufacturing solutions.

Key Rexroth booth exhibits at ATX West 2021 include:

Multitechnology Conveyor Demo: This exhibit showcases how Bosch Rexroth is enabling the Factory of the Future for both manual and automated production with the intelligent integration of key systems such as the TS 2*plus* palletized conveyor, a Cartesian 3-axis robot incorporating CKK compact linear modules and cabinet-free IndraDrive Mi servo drive, all controlled by IndraControl XM22 PLC with Safety PLC. The working demo will show how i4.0 data is collected and shared with other systems through an onboard IoT Gateway for real-time manufacturing transparency.

ActiveMover Transfer System with Smart Function Kit for Pressing: This state-of-the-art linear motor transfer system moves magnetic pallets with unprecedented speed and accuracy, providing key i4.0 advantages, such as free programming and control of each workpiece pallet to allow adaptable realization of process flows and flexibility in changeovers and retooling processes. In addition, it works with the Smart Function Kit for Pressing, which is utilized with specific individual pallets for various pressing and joining applications. This combination is the answer to many of customer needs in automation solutions.

ctrlX AUTOMATION: This exhibit will give attendees the opportunity to learn details about the new automation platform, including ctrlX CORE controller, ctrlX DRIVE and the MS2N synchronous motor, and how this smart, highly scalable and open control and drive technology has been engineered to be easily integrated into any automation infrastructure.

ctrlX WORKS: This demo illustrates the modularity of the ctrlX AUTOMATION software and engineering toolbox, as well as presenting an overview of the capabilities of the ctrlX DRIVE and ctrlX CORE hardware. Using a Cartesian robot with 3D animation, booth visitors can see how easy it is for users to assign ctrlX AUTOMATION apps or their own apps to program everything from single-axis movements to highly complex multiaxis sequences.

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Rexroth Workstation Technology: Booth visitors will gain deeper insights into ways that the full range of Rexroth workstation technology can be used to create stations that improve production accuracy, productivity and speed, with products such as flexible case lifters, flow racks, scanners and identification systems, along with more advanced digital tools like Operator Guidance Systems that provide on-screen, step-by-step guidance for production tasks. Visitors will also get the chance to see the newest technology in Bosch Production Tools on display at the workstation.

For more information, www.boschrexroth-us.com/atxwest. ATX West attendees are invited to visit booth #4400 to learn more directly from Rexroth's experts.

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 29,600 associates generated sales revenue of around 5.2 billion euros ($6.3 billion) in 2020. To learn more, please visit www.boschrexroth-us.com.

About Bosch:

Having established a regional presence in 1906 in North America, the Bosch Group employs 34,700 associates in more than 100 locations, as of December 31, 2020. According to preliminary figures, Bosch generated consolidated sales of $13.1 billion in the U.S., Canada and Mexico. For more information, visit www.bosch.us, www.bosch.ca and www.bosch.mx.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 394,500 associates worldwide (as of December 31, 2020). According to preliminary figures, the company generated sales of $87.1 billion in 2020. 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

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Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in 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 126 locations across the globe, Bosch employs some 73,000 associates in research and development, as well as roughly 30,000 software engineers.

Additional information is available online at www.bosch.us, www.iot.bosch.com, https://us.bosch-press.com/, https://twitter.com/BoschPress

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