

PRESS INFORMATION

Bosch Rexroth Receives Two 2022 Engineers' Choice Awards From Control Engineering Magazine

Mike Thompson | 07/02/2022 | USA | DC22001

Smart Function Kit for Handling and ctrlX CORE both receive awards in annual contest

- Smart Function Kit for Handling wins the Automated Processes: Robotics category
- ctrlX CORE receives honorable mention in the Control Systems: PLCs, PACs category

Two Bosch Rexroth products, the Smart Function Kit for Handling and ctrlX CORE, received awards in the 2022 Engineers' Choice Awards from Control Engineering magazine. The Smart Function Kit for Handling is the winner of the Automated Processes: Robotics category and ctrlX CORE received honorable mention in the Control Systems: PLCs, PACs category.

The Control Engineering Engineers' Choice Awards highlight some of the best new control, instrumentation and automation products as chosen by the magazine's print and online subscribers.

The Smart Function Kit for Handling is part of Bosch Rexroth's expanding family of Smart MechatroniX platforms of "plug-and-produce" mechatronics solutions. The Smart Function Kit is a ready-to-install multiaxis positioning and handling solution for automation applications such as pick-and-place functions in logistics, machine assembly, packaging technology or assembly processes.

Using Rexroth's online LinSelect linear motion software makes it possible to drastically reduce the engineering outlay and allows commissioning with just a few clicks. Automatic parameterization of the servo drive and drag-and-drop user software enables programming of motion sequences to be simple and intuitive, so system operators can handle the task without any specialized programming knowledge.

ctrlX CORE is a compact, 64-bit multicore, Linux-based control solution, part of the ctrlX AUTOMATION platform that has been designed to reduce engineering time and increase productivity. Its Linux-based multicore technology with real-time control removes the boundaries between IPC and embedded system platforms and drive-based technology. The system's virtual work environment allows for programming and testing without any hardware.

For more information on the Smart Function Kit for Handling, visit <https://www.boschrexroth.com/en/xc/smart-mechatronic/smart-function-kit-for-handling/>.

For more information on ctrlX CORE, visit <https://apps.boschrexroth.com/microsites/ctrlx-automation/en/portfolio/ctrlx-core/>.

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Bosch Rexroth products take home two awards from readers of Control Engineering magazine.

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 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 2019.

Basic Information Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros 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 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 129 locations across the globe, Bosch employs some 73,000 associates in research and development, of which nearly 34,000 are software engineers.

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