

Press Release

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Rexroth IndraMotion for Packaging also controls robots



The latest version of the controller family Rexroth IndraMotion for Packaging also boasts kinematics for robot applications

Rexroth has simplified modular automation with the latest version of its IndraMotion for Packaging. Already precision-scalable in hardware and software, the controller family for pharmaceutical, food and packaging machinery now also boasts kinematics for robot applications. In addition, the drive and controller solution ensures synchronization with conveyor belts, monitors protection zones and simplifies operation with teach-in functions.

IndraMotion's new robot functionalities give the user access to multi-axis kinematics, kinematic transformations, 0-point displacement and movable ramps. The integrated belt synchronization for conveyor belts accelerates the incorporation of robots into the production flow in industry and reduces the cost of production modifications.

The IndraMotion for Packaging industry solution utilizes the same software architecture and the same engineering tool - IndraWorks - in all hardware

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versions, whether drive, controller or PC-based. This simplifies the modularization of machine concepts and slashes engineering costs. Predefined program templates, process-oriented technology functions and motion libraries enable the rapid implementation of decentralized automation tasks.

IndraWorks, the seamless engineering environment for all drives and controller variants, accelerates the configuration, commissioning and subsequent modification of automation solutions. In this first all-in-one solution, Rexroth is utilizing the greater efficiency and additional communication options afforded by the new SERCOS III standard to deliver complete communication between controller and field level.

GenNext™ technology gives Rexroth almost limitless freedom to combine different drive and control technologies across coordinated interfaces with fine scalability.

Bosch Rexroth AG, part of the Bosch Group, achieved sales of approximately 4.6 billion Euro in 2005 with over 28,200 employees. Under the brand name of Rexroth the company offers all drive and control technologies, from mechanics, hydraulics and pneumatics through to electronics. Over 500,000 customers worldwide utilize Rexroth's unique technological know-how to implement their innovative and future-oriented systems and machine concepts. The global player, represented in over 80 countries, is an extensive supplier of components and systems for industrial and factory automation and mobile applications.

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