rexroth
A Bosch Company

SMART FUNCTION KIT
THE NEXT LEVEL OF
HANDLING

FASTER, MORE INTUITIVE, SMARTER

The Smart Function Kit for handling tasks is based on a Cartesian multi-axis system that reliably and precisely moves components or workpieces in a defined space. Proven Rexroth linear motion technology components are combined with innovative control technology and software to create a perfectly tailored system solution. Everything from a single source.

GET STARTED IMMEDIATELY – WITH PLUG & PRODUCE

The simple product engineering via LinSelect and the fast configuration with the online configurator ensures easy procurement. A wizard leads the operator quickly and intuitively through the commissioning process. The automatic parameterization of the controller makes it even easier. The visual operating software enables graphical process configuration via drag and drop without any prior programming knowledge. All this ensures a short time-to-market and a quick start of production.

SMART FUNCTION KIT – THE APPLICATIONS

Wherever handling tasks in connection with automation technology are involved, the Smart Function Kit is the perfect ready-to-install mechatronic positioning and handling solution. It couldn't be simpler, faster or more flexible – be it for pick & place tasks in logistics, machine assembly, packaging technology or assembly processes.
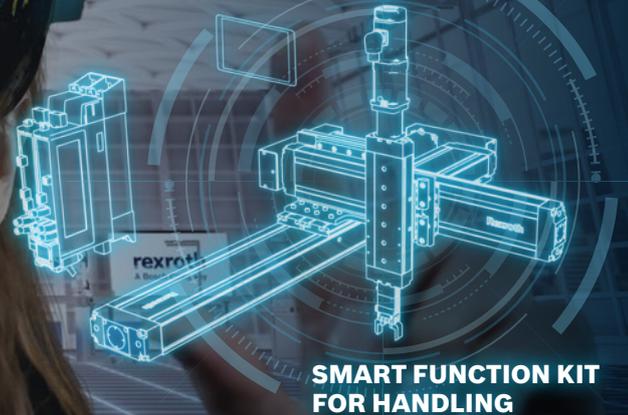
ARE YOU READY FOR PLUG & PRODUCE?
Find out more about the Smart Function Kit for handling applications now and contact us for customer-specific application advice:
smartproducts@boschrexroth.de

SYSTEM OVERVIEW

▶ Predefined kits consisting of perfectly matched hardware components and software
▶ Easy product selection and configuration
▶ Multi-axis modular system, consisting of compact modules CKK 090/110/145/200, CKR 110/145/200, MKR 065/080/110 and the necessary connection elements
▶ Automation hardware (drive controller, control unit and servo motors)
▶ Browser based WEB HMI for commissioning, process configuration, operation and process analysis

BENEFITS

▶ **Easy** – product selection and configuration through preselected kits
▶ **Intuitive** – pre-installed operating software, zero programming, WEB HMI in a responsive design
▶ **Fast** – Plug & Produce, commissioning wizard with auto-parameterization of the controllers
▶ **Complete** – All components from a single supplier

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SMART FUNCTION KIT FOR HANDLING

SMART MECHATRONIX
PLUG & PRODUCE,
PERFORM, PROCEED

THE NEXT LEVEL OF MECHATRONICS

With the Smart MechatroniX solution platform, Bosch Rexroth is already meeting tomorrow's customer requirements today: Short time-to-market, fast and intuitive commissioning, high productivity thanks to process monitoring and flexible, future-proof systems. By adding sensors, electronics and software to best-in-class linear motion technology components, completely new solutions and business models are created for the Factory of the Future.

"With the Smart Function Kit we now also have a multi-axis system solution for various handling tasks that can be operated intuitively via Web HMI. Another intelligent Smart MechatroniX solution of which we are rightly proud."
Daniel Bauer, Product Owner Smart Function Kits, Bosch Rexroth AG

THE FUTURE HAS ALREADY BEGUN

Currently, three Smart MechatroniX solution packages are in the starting or test phase: The Smart Function Kit for press applications, the Smart Function Kit for handling processes and the Smart Flex Effector – a tactile compensation module for handling robots. With this kit we have a smart solution readily available for all future requirements in factory automation.

ARE YOU READY FOR THE FACTORY OF THE FUTURE?

Learn more about our solution platform Smart MechatroniX and take the next step with us. NOW. NEXT. BEYOND.

Bosch Rexroth AG
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BENEFITS

PLUG & PRODUCE
Smart solution packages, easy configuration and ordering, short time-to-market, fast and intuitive commissioning, zero programming

PERFORM
Reliability, process transparency, condition monitoring

PROCEED
Modular, retrofittable systems for flexible and resource-saving use, IoT-capable, intelligent, connected, open interfaces, high OEE

Further information:
www.boschrexroth.com/smart-mechatronix