



Bosch Rexroth 'EasyHandling' Systems

EasyHandling makes the automation of handling systems much easier, faster and more economical.

EasyHandling is much more than just a modular set of mechanical components. It combines these mechanical components into a comprehensive system drive and controls solution with developed via an combined programming interface (including a commissioning wizard).

Perfect interaction between these elements reduces engineering, assembly and commissioning time by up to 80 percent.



Bosch Rexroth continually focus on efficiency and economy for any automation solution, whether your requirement is for precise positioning with minimum cycle times, fast changeover for small-size batches, or flexible configuration to meet with changes in assembly. Our integrated system approach helps you to increase the productivity of your assembly and handling systems while reducing your engineering effort by up to 80% via seamless connectivity between drives and control technologies

This flexible and modular system deals with the most common geometric configurations:

- Single-axis
- Pick & place
- Linear gantry
- X-Y table
- Cantilever gantry
- XXYZ gantry



With *EasyHandling*, you have optimal control over your process sequence, with efficiency as a central feature. From planning, assembly, and commissioning up to regular production and future-proof further development.



The simpler way to get the result you want

EasyHandling takes care of a lot of the work for users who are implementing tailored solutions, and it gives them the help they really need in all phases of the project

The faster route to the optimal application

EasyHandling offers excellent scalability. It will take you next to no time to make the changes necessary to get your system ready to meet current and future needs.

Greater efficiency saves you money

EasyHandling is designed to optimize the process from engineering right through to the operational phase. This reduces the strain on resources across the board.

Component Add-ons:



Grippers and Rotating

This fine-tuned range of products can be ideally combined with the modular system. The additional components perform functions such as mechanical and suction gripping:

- Rotary modules
- Mechanical grippers
- Vacuum technology
- Single valves



Linear Axes

Rexroth offers a comprehensive range of configurable linear motion systems, with variable lengths as well as numerous designs and sizes:

- Attachment for Rexroth or 3rd party motor
- Lengths up to 12 m
- Speeds up to 10 m/s
- Repeatability up to ± 0.005 mm



Servo Motors

The IndraDyn S range offers you a comprehensive selection of servo motors that deliver convincing performance, no matter which of the many designs, versions, options, and power ratings you choose – the optimal solution for the *EasyHandling* system.

- Maximum torques up to 43.5 Nm
- Maximum speeds up to 9000 rpm
- Multi-turn absolute encoder
- Electrically released holding brake (optional)



Connection Technologies

For versatile combination options and the construction of complete solutions, Rexroth offers a wide range of perfectly matched, intelligently designed connection elements:

- Brackets, adapter plates, sliding blocks, and clamping elements
- Power cable chains, guide channels, and clamping profiles
Strut profiles and feet

For further details prices or general information contact:

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