More knowledge. More advantages. The Drive & Control Academy
The Bosch Group is one of the world's largest providers of training for technical professions. It has more than 270 production sites, and a wealth of knowledge that is used every day in industry.
Bosch Rexroth is the leading manufacturer of Drive & Control technologies. It has expert know-how of the latest technical trends and innovations. Along with the best practical training methods.
The Drive & Control Academy. Providing access to unique knowledge.

As a leading specialist in drive and control technology, Bosch Rexroth has a unique level of technological expertise. We are keen to pass on this knowledge, to apprentices and students and to our specialist staff and employees. At the Drive & Control Academy, we support tailored training, development and qualification of technical specialists. Our training has a practical basis, aimed at specific target groups and based on state of the art teaching methods.

Our training fields
- Industrial Hydraulics
- Mobile Hydraulics
- Electric Drives and Controls
- Pneumatics
- Automation/Mechatronics
- Linear and Assembly Technology
- Safety Technology
- Energy Efficiency
Employees' specialist knowledge and expertise create a crucial advantage in a competitive global market. Under the umbrella of the Drive & Control Academy, Rexroth provides a consistent, practically focused range of knowledge products in the area of drive and control technology. The Academy sets standards in educationally preparation of specialized and integrated know-how for customers, employees and external training and development institutions.

Everything we offer is based on the same principles:
1. State of the art practical equipment. 2. Training tailored to specific target groups. 3. Modern teaching forms and media. The Drive & Control Academy concept is based on our four pillars of knowledge transfer: Training, Training systems, Media and the Knowledge Portal.

Training
At Rexroth, knowledge is always transferred using state of the art technology and with the very latest methods and media: face-to-face training, eLearning, eTraining with online access via the Rexroth LearnWorld, special practical training, and blended learning, which perfectly combines the advantages of face-to-face events and eLearning. No matter which training method is used, the principle of customer focus is always to the fore.

Training systems
The modular training systems developed by Rexroth specialists provide beginners and more advanced learners alike with tangible technical know-how and problem-solving expertise. Standard industrial components, internationally standardized programming languages and open interfaces are used to provide a direct experience of our practical knowledge.

Media
Rexroth prides itself on providing training and learning media that incorporating very latest technology, while maintaining a strong practical relevance. As a result, it includes state of the art eLearning and eTraining modules which are using a lot of animations and simulation-based learning units. We also supply printed technical books and manuals, e-books, apps and software.

Knowledge Portal
Knowledge on the Internet – that’s what Rexroth has been working on by setting up its Knowledge Portal. In addition to the topics from the existing Rexroth LearnWorld, the portal will develop into a multimedia contact point for everything in the area of drive, control and motion technology. The aim is for it to be the central element of our professional and college training in the future. It gives users unique access to high quality information. Community and Wiki functions enable structured sharing of knowledge and experience for the first time.
Training and methods

With a tailored solution for almost any training requirement, for more than 50 years Rexroth has enjoyed a worldwide reputation as an expert development partner for numerous companies and institutions. One of the major reasons for this is the excellent practical relevance and up to the minute nature of the training courses, which benefit from Rexroth specialists’ vast production know-how and field experience. Traditional and digital methods are ideally combined, new technologies are directly integrated, and innovations such as Open Core Engineering and trends like energy efficiency or Connected Industry are immediately incorporated into our training program. Thanks to our 270 production sites, we know all about the latest trends and innovations in the industry and integrate this knowledge into our training program.

State of the art methods, tailored courses

Our high standards are assured by highly qualified trainers with industrial experience, continuous enhancement of existing training and development of new methods. The required basic and specialist knowledge for a particular target group can be taught on a standard course or in customized seminars, either at a Rexroth training center, online, or at the customer’s site.

Practical mix of methods – from eLearning to practical training

Face-to-face and practical training with personal contact, direct communication and, above all, the chance to "get to grips" with components reinforce the theoretical content. This is why most Rexroth training includes practical exercises, using Rexroth’s unique training systems. Our modular range of methods represents a combination of eLearning, eTraining, and face-to-face events. This has advantages for both trainers and trainees.
Rexroth LearnWorld –
Your access to training knowledge
When they register for training, participants receive personal online access to the Rexroth LearnWorld, which contains all the information and tools they need for the training they have booked. Why not take a look for yourself – guest access is available at www.boschrexroth.com/learnworld

Tablet PC – Digital training documents
In most training, Rexroth uses tablet PCs containing the appropriate documents, key tools and useful apps. The tablet PCs are included in the training fees and belong to the customer. Of course, printed documents are also available on request.

eLearning
For independent learning on a computer, Rexroth offers a range of qualified digital training for all drive and control technologies.

eTraining
An on-screen trainer provides a short and concise overview of exciting topics in technical training and development, either live or as a recording.

Bosch trainer qualification
"Train the trainer" from one of the world's leading training providers – a modular and certified trainer training course from the Drive & Control Academy refreshes knowledge and guarantees high quality long-term development of trainers in soft skills and technical topics. This means that experienced trainers are right up to date with the latest technologies and methods.
Technical know-how and problem-solving expertise in industrial applications is seamlessly integrated into Rexroth’s modular training systems. Consisting of hardware, exercises and project manuals, they deliver very practical knowledge. They are precisely tailored to the qualification levels of industry and educational institutions.

**Standard components for a unique learning experience**

The training systems allow practical exercises on current standard components from the industrial sector, including use of standardized programming languages and open interfaces. Everything is exactly as it is in the real world. From a case to a mobile work station, various training systems are available for hydraulics, pneumatics and automation.

**Hydraulics**

A wide variety of exercises, along with component and sets, are available for all kinds of practical hydraulics applications – e.g. for on-off hydraulics, proportional technology, control engineering and even mobile applications.

**Pneumatics**

In pneumatics, Bosch Rexroth provides exercises and component sets for standard pneumatics, electropneumatics and control engineering. The patented mounting system for the components ensures full flexibility while maintaining a secure hold.

**Automation/Mechatronics**

Helping to understand complex relationships. The automation technology work stations integrate control and drive technologies into a single system. Hydraulic, pneumatic and electric drives or linear technology are used. The control engineering and sensors are used to connect drives to build a complete system.
Media

With a comprehensive range of media in printed and digital form, Rexroth ensures qualified knowledge transfer across all channels. The media can be used for preparation, during and as follow-up to teaching and training, as a resource for trainers, and for independent eLearning and eTraining.

**Literature**
Whilst documents in e-book format have become standard, technical books and manuals, dictionaries and teaching material and resources in printed form will remain part of the Drive & Control Academy portfolio in the future.

**Software**
Software, software-based teaching and learning media, and apps are key components of expert knowledge transfer at Rexroth – not just in independent eLearning.

**Videos and animations**
Videos and interactive 2D and 3D animations illustrate complex sequences of movements and highlight complicated technical relationships.

Guest access is available at: www.boschrexroth.com/animation
The challenge has been set: The Drive & Control Academy's new Knowledge Portal will develop step by step into a multimedia benchmark in industrial and college training and development. It is based on the topics and tools from Rexroth LearnWorld. It gives you unique access to all aspects of drive, control and motion technology over the internet at any time. Practical knowledge transfer, interactive sharing of experience and convenient service. All from a single source.
Existing LearnWorld
Access by login after registration for Rexroth training
www.boschrexroth.com/learnworld

Training documents
- Information
- Newsletter

Training program
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- Newsletter

Project manuals

Software/Tools
Automation Studio
Free download:
- Scheme Editor (pneumatic circuit diagram creation)
- MTX micro (CNC software)

Technical books

eLearning

eTraining
Virtual Classroom

Videos
Animations

Newsletter

Knowledge check
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You can find your local contact at:
www.boschrexroth.com/contact

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