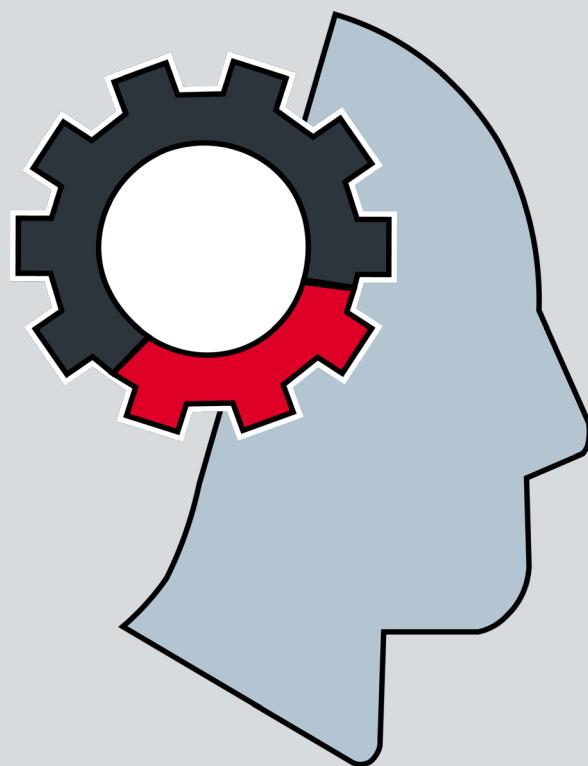


SEW
EURODRIVE



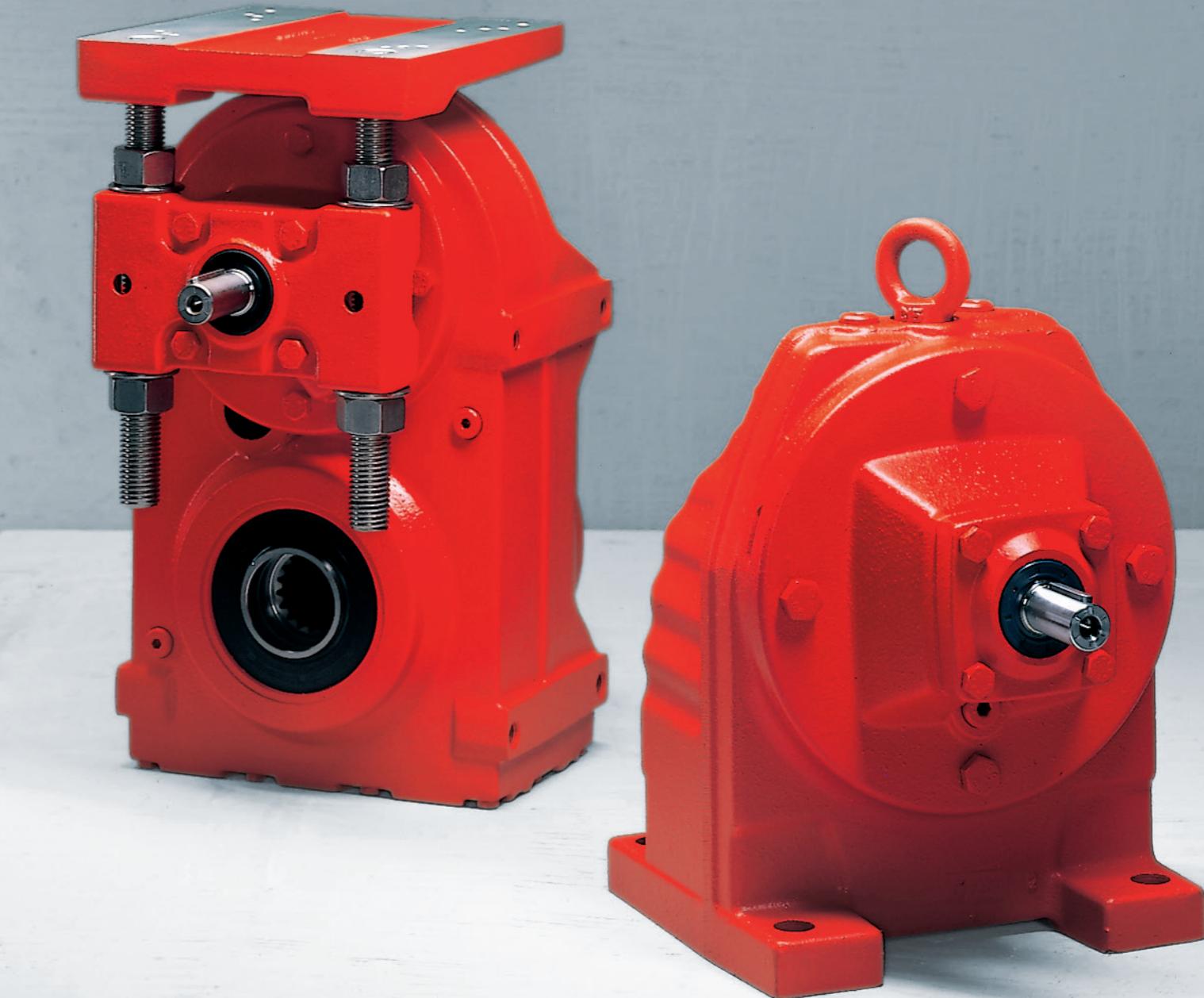
DRIVE ACADEMY[®]

sew-eurodrive.com.au

**COURSE TOPICS
& INFORMATION**

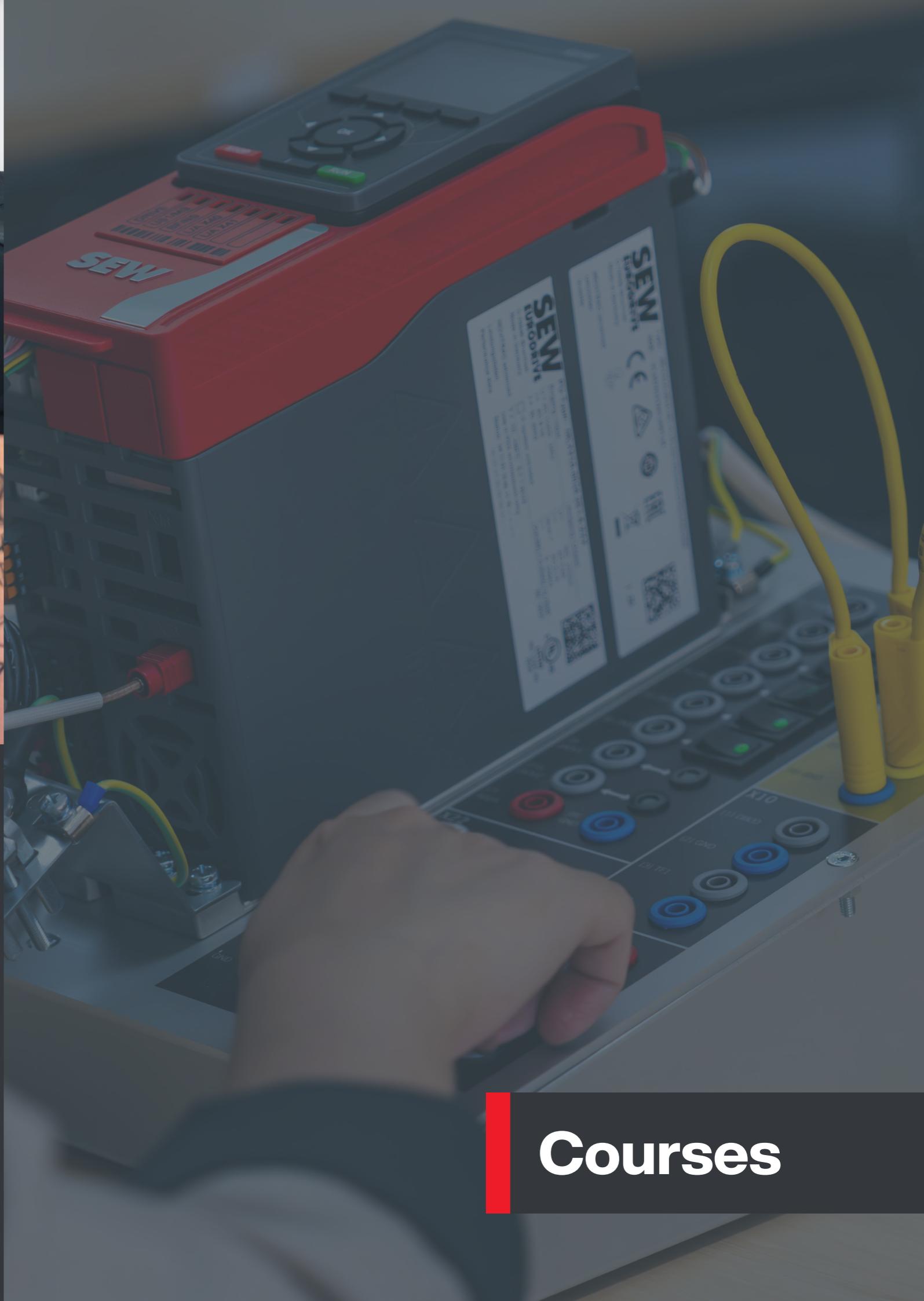
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Optimum learning environment

The training courses at SEW-EURODRIVE's DriveAcademy® are ideally suited for hands-on experience. Multi-functional training models enable the participants to be optimally prepared for the problems and tasks they will encounter during their daily work.



About DriveAcademy®

Hands-On Product Training Wherever You Are

Our DriveAcademy® courses are designed to enable your employees to get the best possible preparation for their day to day work. Our training includes many practical exercises in addition to the necessary theoretical fundamentals. You can choose the venue where training is held, whether it's on-site or at any of our DriveAcademy® centres across Australia.

Training Rooms Require the Following:

- Sufficient room size for participants and training models
- Depending on the demo units: 1x230V or 3x400V* according to AS/NZS 3000, 10A sockets are required
- Projector screen
- Sufficient outlets for training models and laptops

Course Locations

- Melbourne
- Sydney
- Brisbane
- Perth
- Adelaide
- Mackay



Courses

Generation B

MOVIDRIVE® B

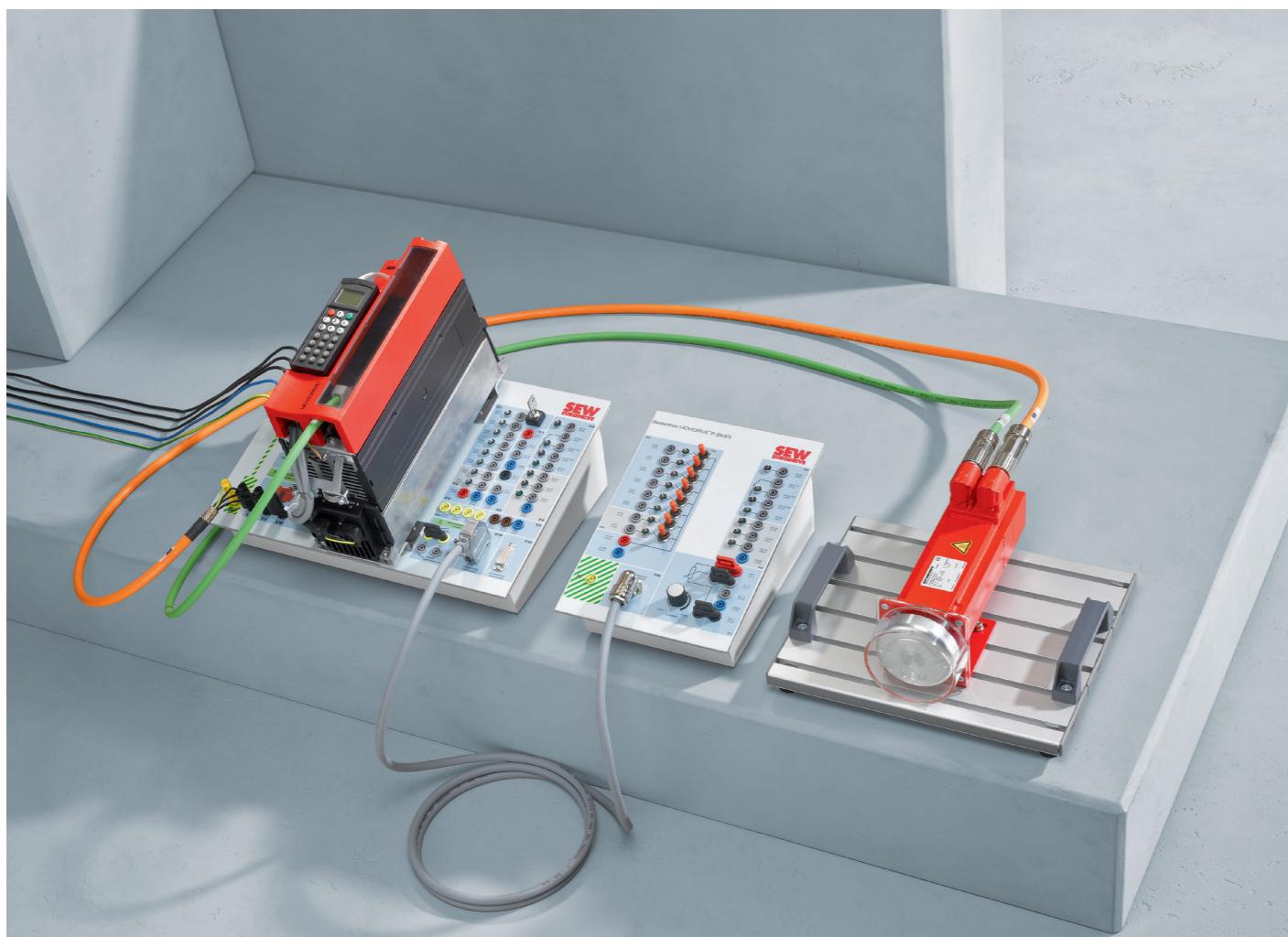
Maintenance & Troubleshooting

Topics

- Overview of the basic properties and technical data for MOVIDRIVE® B
- Wiring and start-up of MOVIDRIVE® B
- Commissioning of inverters via SEW-EURODRIVE software
- Data backup with PC and keypad
- Fault diagnostics with SCOPE function

Learning Goals

- Know the technical data for the MOVIDRIVE® B
- Use the integrated operating panel & MOVITOOLS® MotionStudio to upload, download, perform motor start-ups and set parameters
- Understand the tasks required for troubleshooting basic faults for all key components of a drive system - inverter, motor, brakes, encoders, application



Generation B

MOVITRAC® B

Commissioning & Maintenance



Topics

- Overview of the basic properties and technical data for MOVITRAC® B
- Wiring and start-up of MOVITRAC® B
- Commissioning of inverters via FBG Keypad & SEW-EURODRIVE software
- Data backup with PC and keypad
- Fault diagnostics with SCOPE function
- SEW-EURODRIVE fieldbus profile with EtherNet/IP, EtherCAT or PROFIBUS

Learning Goals

- Know the technical data for the MOVITRAC® B
- Use the integrated operating panel & MOVITOOLS® MotionStudio to upload, download, perform motor start-ups and set parameters
- Understand the tasks required for troubleshooting faults for all key components of a drive system – inverter, motor, brakes, application
- Control the inverter via fieldbus

Details

Duration: 1 Day
8:30am - 4:30pm

Target groups

- Maintenance staff
- Engineers
- Electricians

OTHER COURSES

MOVIDRIVE® B

Operation, Start-up & Troubleshooting

Topics

- Overview of the basic properties and technical data for MOVIDRIVE® B
- Wiring and start-up of MOVIDRIVE® B
- Commissioning of inverters via SEW-EURODRIVE software
- Data backup with PC and keypad
- Key parameter settings
- Using DBG60B keypad
- Extensive fault diagnostics with key drive & application faults, steps to prevent faults and procedures for troubleshooting, analysis and rectification of faults including all key components of the drive system
- Using SCOPE to record data channels
- Introduction to Application Modules

Learning Goals

- Learn the technical data for the MOVIDRIVE® B
- Use MOTIONSTUDIO® and MT Manager to communicate with MOVIDRIVE® B
- Start-up a motor in the start-up a motor in VFC, CFC and servo operating modes
- Save data with PC and keypad and upload it to the inverter
- Understand the tasks required for troubleshooting faults for all key components of a drive system – inverter, motor, brakes, encoders, application
- Control the inverter via fieldbus



This course is available on request. Please contact our team for more information.



MOVI-C® MOVIDRIVE® technology

Commissioning & Programming

Topics

- Basic technical data for MOVIDRIVE® technology
- Wiring and start-up of MOVIDRIVE® technology
- Commissioning inverters via MOVISUITE®
- Start-up of different operating modes for motor control
- Data backup with PC and keypad
- Key parameter settings
- Using CBG..A keypad
- SEW-EURODRIVE fieldbus profile
- Introduction to MOVIKIT®
- Fault diagnostics with the SCOPE tool

Learning Goals

- Understand the technical data for MOVIDRIVE® technology
- Establish communication with MOVIDRIVE® technology using MOVISUITE®
- Complete start-up of drive train for asynchronous and servomotor using MOVISUITE®
- Successfully tune the drives using the MOVISUITE® software and SCOPE tool
- Save data with PC and keypad and upload it to the inverter
- Control inverter via fieldbus
- Comprehend Function Control Block (FCB) concept and how it is utilised
- Start-up with MOVIKIT®



MOVI-C® MOVIDRIVE® modular/system

Commissioning & Programming

Details

Duration: 1 Day
8:30am - 4:30pm

Target Groups

- Maintenance staff
- Engineers
- Electricians



Topics

- Basic technical data for MOVIDRIVE® modular/system
- Wiring and start-up of MOVIDRIVE® modular/system
- Commissioning inverters via MOVISUITE®
- Start-up of different operating modes for motor control
- Data backup with PC and keypad
- Key parameter settings
- Using CBG..A keypad
- SEW-EURODRIVE motion controller
- Introduction to MOVIKIT® and MOVIRUN smart
- Fault diagnostics with the SCOPE tool

Learning Goals

- Understand the technical data for MOVIDRIVE® modular/system
- Establish communication with MOVIDRIVE® modular/system using MOVISUITE®
- Complete start-up of drive train for asynchronous and servomotor using MOVISUITE®
- Successfully tune the drives using the MOVISUITE software and SCOPE tool
- Save data with PC and keypad and upload it to the inverter
- Control inverter via MOVI-C® controller
- Comprehend Function Control Block (FCB) concept and how it's utilised
- Start-up with MOVIKIT®

Details

Duration: 1 Day
8:30am - 4:30pm

Target Groups

- Maintenance staff
- Engineers
- Electricians

MOVI-C®

MOVITRAC® advanced

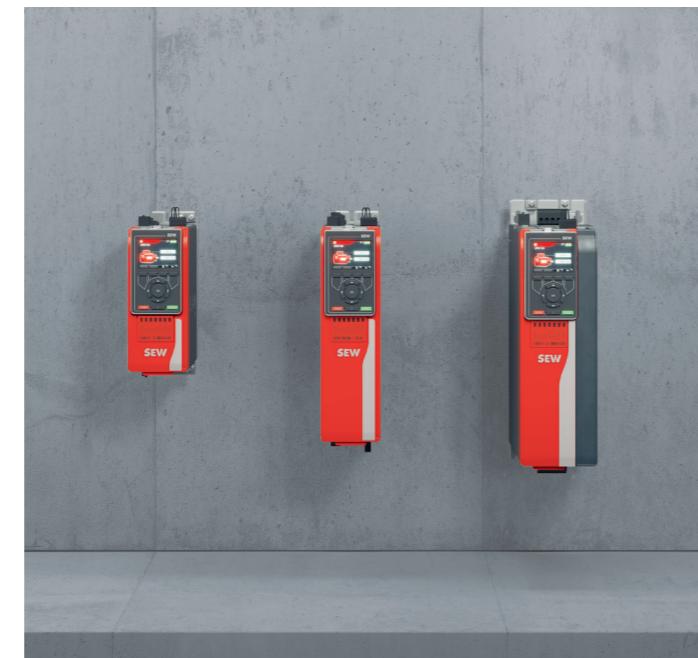
Commissioning & Programming

Topics

- Basic technical data for MOVITRAC® advanced
- Wiring and startup of MOVITRAC® advanced
- Commissioning inverters via MOVISUITE®
- Start-up of different operating modes for motor control
- Data backup with PC and keypad
- Key parameter settings
- Using CBG..A keypad
- SEW-EURODRIVE fieldbus profile
- Introduction to MOVIKIT®
- Fault diagnostics with the SCOPE tool

Learning Goals

- Understand the technical data for MOVITRAC® advanced
- Establish communication with MOVITRAC® advanced using MOVISUITE
- Complete start-up of drive train for asynchronous and servomotors using MOVISUITE
- Successfully tune the drives using the MOVISUITE® software and SCOPE tool
- Save data with PC and keypad and upload it to the inverter
- Control inverter via fieldbus
- Comprehend Function Control Block (FCB) concept and how it's utilised
- Start-up with MOVIKIT®



Details

Duration: 1 Day
8:30am - 4:30pm

Target Groups

- Maintenance staff
- Engineers
- Electricians

OTHER COURSES

Decentralised MOVI-C®

Commissioning & Programming



Topics

- Basic technical data for a specific decentralised unit in the MOVI-C® portfolio
- Wiring for a specific decentralised unit in the MOVI-C® portfolio
- Data backup with PC and keypad
- Key parameter settings
- Using CBG..A keypad
- SEW-EURODRIVE fieldbus profile
- Introduction to MOVIKIT®

Learning Goals

- Understand the technical data for MOVIGEAR® performance and/or classic
- Understand the technical data for MOVIMOT® advanced and/or performance
- Establish communication with the listed decentralised product above in the MOVI-C® portfolio using MOVISUITE®
- Complete start-up of drive train using MOVISUITE®
- Successfully tune the drives using the MOVISUITE® software and SCOPE tool
- Save data with PC and keypad and upload it to the inverter
- Control inverter via fieldbus
- Comprehend Function Control Block (FCB) concept and how it's utilised
- Start-up with MOVIKIT®

Details

Duration: 1 Day
8:30am - 4:30pm

Target Groups

- Maintenance staff
- Engineers
- Electricians

This course is available on request. Please contact our team for more information.

OTHER COURSES

Project Planning of SEW-EURODRIVE Gearmotors



Topics

- Overview of relevant project planning documentation & steps required for project planning for both controlled and uncontrolled applications
- Examples of calculation of thermal utilisation based on starting frequency and thermal characteristic
- Calculation of chain conveyor by hand
- Using workbench to calculate other applications (hoists, travel drives).

Learning Goals

- Understand the basics of controlled and uncontrolled project planning including requirements for typical applications
- Be able to select drives and drive components using the catalogue (manually and electronically)
- Understand the user interface and the operation of SEW Workbench
- Understand the procedure of selecting a drive with workbench, from starting the project planning tool to assembling a complete package

This course is available on request. Please contact our team for more information.

Course Terms & Conditions

Registration

We request early registration in writing. The sales and delivery terms and conditions of SEW-EURODRIVE Pty Ltd are bindingly accepted upon registration.

Cancellation

Cancellation must occur in writing. Cancellation of a confirmed registration can occur free of charge up to 4 weeks before the start of the training. 50% of the participation fee may be invoiced where cancellation occurs a week before the start of the training.

Training Contents

Training course
Training documentation
Lunch, snacks and drinks

Fee*

The training fee is listed on our website. This must be paid once the invoice has been received. SEW-EURODRIVE's general delivery business terms and conditions apply to the payment of the seminar fee.

*Costs per training and per participant plus GST.

Discounts

We offer special discounts for group enrollments. Please get in touch with your local Sales Representative for further information.

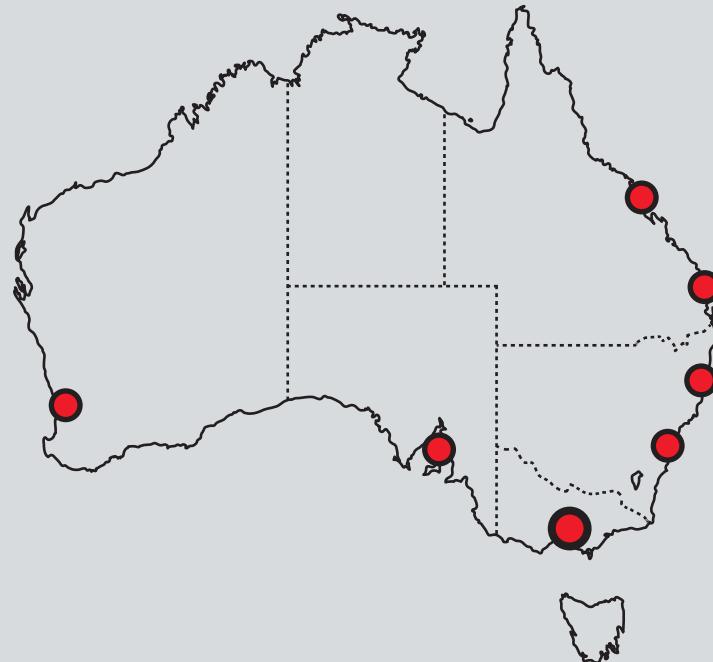
Exclusion of Liability

Technical information in the training and training documents are provided by us to the best of our knowledge. However, we do not assume liability for any mistakes in the technical information imparted verbally or in writing in the training or contained in the training documents provided. Equally, we cannot accept liability for any damage and follow-on damage resulting from mistakes. This exclusion of liability does not apply in cases of compulsory liability for intent or gross negligence.

Scan the QR code to register interest via email:

For more information, contact our training team at:
drive.academy@sew-eurodrive.com.au





DRIVE ACADEMY®

Company Background

The SEW-EURODRIVE group is a global designer and developer of mechatronic transmission systems and motor control electronics, headquartered in Bruchsal, Germany. Its broad spectrum of integrated solutions includes geared motors and gear units, high torque industrial gear units, high-efficiency motors, electronic frequency inverters and servo drive systems, decentralised drive systems, plus engineered solutions and after-sales technical support/training.

The Australian division of SEW-EURODRIVE is headquartered in Melbourne and is supported by a network of offices in Sydney, Brisbane, Mackay, Perth, Adelaide and Newcastle. A comprehensive service and technical support centre is located in Melbourne, and complemented by assembly facilities in both Melbourne and Sydney. The company's customer base includes large-scale corporations and smaller entrepreneurial enterprises across Australia.

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