

Trainings concept by WALDRICH COBURG

Trainings Concept

We would like to present you our training program.

In addition to the starter package when purchasing a new machine, WALDRICH COBURG also offer you the opportunity to choose from various trainings by yourself.

Careful and comprehensive training of your employees is the basis for using your machine in the most economical way. In our trainings, we convey the knowledge and skills for a smoother production process and qualified handling of your machine. This includes professional operation, correct maintenance and careful care of the machine. Our trainings make an important contribution to stabilizing your production process, documenting employee know-how and optimizing the availability of your WALDRICH COBURG machine.

We offer your employees a comprehensive training program for further training. In addition, you will receive individual trainings from us that are tailored to your requirements and the previous knowledge of the participants.

We would be happy to advise you on the choice of training.

Profit from our know-how!

With our training concept you can select the appropriate scope of training for your employees.

Based on the individual trainings, you can design your training package to vary the knowledge of your employees.

Knowledge / know-how is the basis for integrating the new WALDRICH COBURG machine into your production process in the shortest possible time.

Advantages

- + Well-trained employees
- + Safe working method
- Shorter start-up phases
- Increased machine availability
- Reduced downtimes
- Solid manufacturing processes
- Avoidance of operating errors

Overview of our offers



The overview of our offers gives you an insight into the various WALDRICH COBURG training-program. Put together a training package based on your needs or select individual trainings.

We would be happy to advise you individually on your selection of offers or if you have any further questions.

Selection of possible trainings

Individual trainings from the entry-level package

Basic operator training

Imparting the basic knowledge for the operation of a WALDRICH COBURG machine

Service and maintenance seminar mechanic – basic machine and periphery

Imparting of mechanical basics for service and maintenance employees

Service and maintenance seminar electric – basic machine and periphery

Imparting of electrical basics for service and maintenance employees

Additional training offers

Programming training

Independent creation of machining programs is taught

Production support

Support of the machine operators / programmers in the start of production

Below you will find a detailed overview of: target group, requirements for participants, number of participants and training content.

Basic operator training

For a safe and well-trained handling as well as the avoidance of operating errors on the WALDRICH COBURG machine, a detailed training is offered beyond the standard introduction. With this training your employees will be given the necessary know-how for a smoother production start.

Target group:

- Operating employees

Number of participants:

- Maximum 6 persons

Requirement:

- Commissioning and installation is complete
- Machining mechanic or comparable qualification

Seminar goals:

- Basic knowledge of operating a WALDRICH COBURG machine

Seminar location:

- Presence

Seminar content:

- security technology
- Overview of machine structure
- Overview of machine functions
- Basic knowledge of machine operation
- (switching on / off)
- Operation – operating modes
- Operation – Move axes
- Pivoting and compensating the spindle units
- Spindle unit change (automatic)
- Machine malfunctions in the automation process
- WALDRICH COBURG – Menu
- Emergency control function
- Emergency free driving device
- Tool management and its application*
- Automation functions – BAE change
- Automation functions – Tool change
- Automation functions – Manual tool change
- Handling and functionality of interactive production support (InPro)*
- Preventive maintenance*
- Machine data acquisition / production data acquisition (MDE / BDE)*
- Working areas, zero offset

* if available

Service and maintenance seminar – mechanic

Basis training – basic machine & machine periphery

Comprehensively trained service and maintenance employees can make a significantly to higher machine availability and shorter downtimes. We provide your employees with the necessary specific mechanical knowledge for the WALDRICH COBURG machine and the machine periphery. Training includes knowledge of the basic machine and peripherals.

Basic machine

Target group:

- Mechanic service and maintenance employees

Number of participants:

- Maximum 6 persons

Requirement:

- Commissioning and installation is complete
- Apprenticeship as an industrial mechanic, mechatronics engineer or comparable qualification

Seminar goals:

- Use machine documentation as a working basis
- Mechanical service and maintenance measures independently carry out
- Troubleshooting and error correction
- Replace spare and wearing parts
- Operate the machine in set-up mode

Seminar location:

- Presence

Seminar content:

- Machine structure
- Machine handling of the documentation
- Function and overview of the hydraulic diagrams
- Wearing parts recommendation
- Special tools / accessories
- Service and maintenance measures
- Functions of the control panel
- Machine malfunctions
- WALDRICH COBURG – Menu
- Emergency Free Driving Device
- Mechanical emergency release / protected areas
- Fluid technic
- Handling and functionality of the Interactive Production Support (InPro) [InPro diagnosis / InPro maintenance / InPro machine status]

Service and maintenance seminar – mechanic

Basis training – basic machine and machine periphery

Comprehensively trained service and maintenance employees can make a significant contribution to higher machine availability and shorter downtimes. We provide your employees with the necessary specific mechanical knowledge for the WALDRICH COBURG machine.

Machine periphery

Target group:

- Mechanic service and maintenance employees

Number of participants:

- Maximum 6 persons

Requirement:

- Commissioning and installation is complete
- Apprenticeship as an industrial mechanic, mechatronics engineer or comparable qualification

Seminar goals:

- Use machine documentation as a working basis
- Mechanical service and maintenance measures independently carry out
- Troubleshooting and error correction
- Replace spare and wearing parts
- Operate the machine in set-up mode

Seminar location:

- Presence

Seminar content:

- Structure and functional sequences of the machine periphery*
- Machine documentation of the periphery
- Service and maintenance of the periphery
- Feeding systems for machining units*
- Automatic tool changing systems*
- Automatic workpiece changing systems (e.g. pallets)*

* if available

Service and maintenance seminar – electric

Basis training – basic machine and machine periphery

If downtimes are to be kept to a minimum, well-trained electrical employees are the basic requirement. We will show your service and maintenance employees how the machine is operated in set-up mode, how to find errors quickly / fixed and spare and spare / wearing parts replaced.

Basic machine

Target group:

- Electric service and maintenance employees

Number of participants:

- Maximum 6 persons

Requirement:

- Commissioning and installation is complete
- Apprenticeship as an industrial mechanic, mechatronics engineer or comparable qualification

Seminar goals:

- Use machine documentation as a working basis
- Mechanical service and maintenance measures independently carry out
- Troubleshooting and error correction
- Replace spare and wearing parts
- Operate the machine in set-up mode

Seminar location:

- Presence

Seminar content:

- Security technology
- Machine construction
- Machine documentation
- Service and maintenance measures
- Data backup / data recovery
- Hardware replacement and hardware settings
- Control panel functions
- Machine malfunctions
- WALDRICH COBURG – Menu
- Emergency Free Driving Device (FFE)
- Defining, setting the zero points and travel paths
- Defining, setting DSS
- Interactive production support (InPro /or IN DIS)*, [InPro maintenance / InPro diagnosis / InPro machine status, InPro documentation]*

* if available

Service and maintenance seminar – electric

Basis training – basic machine and machine periphery

If downtimes are to be kept to a minimum, well-trained electrical employees are the basic requirement. We will show your service and maintenance employees how the machine is operated in set-up mode, how to find errors quickly / fixed and spare and spare / wearing parts replaced.

Machine periphery

Target group:

- Elektric service and maintenance employees

Number of participants:

- Maximum 6 persons

Requirement:

- Commissioning and installation is complete
- Apprenticeship as an industrial mechanic, mechatronics engineer or comparable qualification

Seminar goals:

- Use machine documentation as a working basis
- Mechanical service and maintenance measures independently carry out
- Troubleshooting and error correction
- Operation and online connection to the machine peripherals

Seminar location:

- Presence

Seminar content:

- Security technology
- Machine construction
- Defining, setting the zero points and travel paths
- Defining, setting DSS
- Replacement of motors, encoder systems or other hardware
- Service and maintenance measures
- Feeding systems for spindle units*
- Automatic tool changing systems*
- Automatic workpiece changing systems double table or pallet systems*
- Structure and functional processes of the machine peripherals*

* if available

CNC programming

Would you like your employees to create or edit machining programs and cycles independently? And get a deeper insight into programming. Then we can offer in-depth training based on the programming instructions.

Target group:

- Programmer work preparation

Number of participants:

- Maximum 6 persons

Requirement:

- Basic knowledge of CNC programming

Seminar goals:

- Create machining programs independently

Seminar locations:

- Presence
- Online
- WALDRICH COBURG

Seminar content:

- Security technology
- Program management
- Program structure
- WALDRICH COBURG programming
- Use of coordinate systems
- Programming of attachment / spindle units and tool changing system*
- Tool correction and tool monitoring
- Technology parameters
- Feeding areas
- CNC programming based on the custom programming manual
- Explanation and application of special M and G functions
- Program editing: program execution and optimization
- Machining of application cycles
- Programming examples (general)

* if available

Standby- production support

Standby – We can impart you with the technological skills for a smoother start of your production through production support. The aim of the production support is a shortened start-up phase of the production after a new installation or modernization of your machine. Our experienced personnel is on hand to your employees with help and advice.

Target group:

- Programmer work preparation

Number of participants:

- Maximum 6 persons

Requirement:

- Operation (basic seminar) or comparable qualification
- Processing customer workpieces requires the same temperature conditions as during assembly/commissioning. According to acceptance protocol
- Workpiece drawing is made available up to the pre-acceptance date

Seminar goals:

- Training of machine operators
- Reduction of start-up time at the start of production
- Process optimization
- Joint workpiece consultation
- Technology consulting

Seminar content:

- Deepening of the previous operator training
- Supporting the customer in the daily production routine
- security technology
- Support for machine operation and production
- Troubleanalysis / –assessment / –shooting
- Machining of customer-specific workpieces (programming of customer-specific workpieces is excluded)
- Safe handling of the interactive production support (InPro)*

* if available