



Robot Use Training Advanced

Congratulations on your new machine. A new machine with new robots with new software and new software with new functionalities. Maintenance and understanding the operation of this machine can be quite difficult, but in this course you will be given some theoretical knowledge and guided hands-on experience on operating the robots inside.

Training content

The robot engineer will become familiar with the software as it is used in the new machine's robot systems. The most commonly used robot routines will be discussed briefly, whereas the more important routines will be explained thoroughly, based on typical examples. AWL specific commands will be explained on the basis of specific cases, when applicable.

Other items that will be discussed are understanding and changing process parameters in the robot program, controlling equipment attached to the robot using I/O, e.g. welding equipment or grippers and understanding the messages given by the robot in the event of problems.

Last but not least, changing positions and the effect of those changes will also be discussed. All these items together will give the participant enough theoretical knowledge to understand and maintain the new machine. To make sure that the theory can be used in practice, the robot engineer is offered some guided hands-on experience on all of the above mentioned items.

Results

- The participant will be familiar with the most commonly used robot routines
- Knowledge and understanding of used AWL specific commands
- Change process parameters in the blink of an eye
- I/O diagnosis
- Understand the messages given by the robot

Preparation

The AWL trainer will send a personal invitation to every participant together with a selection of applicable chapters from the machine manual.

The training covers subjects like:

- The most commonly-used robot routines and how to use them
- Changing a position
- The AWL-specific commands used in the routines
- How to use an AWL-specific command, when applicable
- Which process parameters can be changed in the robot and how to change them
- How to manually control and verify I/O



Subject:	Robot Use Training Advanced
Target group:	Maintenance (process)
Duration:	2 hours theory and 2 hours practice (based on single process)
Max. participants:	4
Location:	On customer's premises (preferable) AWL-Techniek
Scope:	The scope of this training is the explanation of the AWL programs inside the robot
Other related training programs:	If you want to learn how to make products with the machine, we advice you to follow the Machine Use Training
Pre knowledge:	The participants must be able to control the robots inside the machine; therefore they must have followed the brand-specific Robot Training previously
Requirements:	A meeting room with beamer is necessary for the presentation During the practical training the machine has to be operational and available
Spoken language:	English, German
Language of course material:	English

■ □ □ *Beginner*

■ ■ □ *Advanced*

■ ■ ■ *Expert*



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