

Course description:

Course name: Operator course for CNC lathes of the R200/R300 series with Siemens SolutionLine Operate

Course no.: 205

Participants: Operators

Training goal:

The course participant will be able to:

- Operate the machine and control in setup mode, automatic mode and in case of interruptions
 - Use tool handling and programming technology
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Course content:

- Function of the individual control elements of the user interface
 - Basic knowledge in the individual operating modes (automatic mode, setup mode, jog, MDI).
 - Program corrections (New, Edit, Change)
 - Tool geometry
 - Zero offsets
 - Data transfer
 - Error description
 - Teaching basic knowledge of the individual equipment options (depending on the ordered scope).
 - Motorized milling spindle 1XYB and tool strips
 - Motorized milling spindle 2 YB and tool strips
 - Tool changer with chain magazine
 - Counter spindle
 - C axis
 - Gantry-type removal unit
 - Bar loading magazine
 - Handling units
 - Cutting edge breakage
 - Tool gauging/workpiece measurement/tool management
 - Job control
 - External measuring
 - Freely programmable interface
 - Practical example: Setting up an acceptance workpiece
 - Independent operation of the machine.
 - iXpanel - operation and functionality
 - Access security concept
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Participation requirements:

- Knowledge of cutting technology is an advantage.
 - Recommendation: Basics of CNC programming are beneficial.
 - **Safety shoes must be brought along and worn during the entire course.**
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Course duration:

4.5 days - from Monday (9:00 am) to Friday (12:00 pm)

Course location:

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