

Course description:

Course name: Operator course
for CNC multi-spindle machine MS22C-8/MS40C-8 with Siemens Solutionline

Course no.: 192

Participants: Operators

Training goal:

- Operating the machine in setup mode, automatic mode, and in case of interruptions.
 - The course provides no detailed programming skills.
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Course content:

Machine

- Basic features: Working area, hydraulic room, spindle carrier, tool carrier

Control

- Structure, functions, error texts
- iXpanel - operation and functionality
- Access security concept

Setting up the machine / operating units

- User settings: Sequence spindles, axes, material flow, workpiece clamping, cooling lubricant, process monitoring, hydraulic/pneumatic units, control panel
- Setup: Tool carrier, channel group / settings
- Working with open work area doors, installation and removal of spindle liner tubes)
- Controlling automatic sequence: Releasing the loading, advancing, machining 1 workpiece

Tools

- Gauging, setup, alignment, creating tools, entering tool data, tool offset, TOA data backup

Program

- Select, structure, open, change, delete, paste, copy
- Cycle supporting images

Additional devices (structure, functions, settings)

- Loading magazine
 - coolant cleaning system
 - drive units
 - Clamping devices
 - Synchronized spindle
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Participation requirements:

- Sound technological knowledge of turning.
 - Recommendation: Knowledge of NC/CNC fundamentals.
 - **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:

INDEX-Werke GmbH & Co. KG
Hahn & Tessky

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