Course description:

INDEX TRAUB

Course name:	**Operator course in Virtual Machine for single-spindle machines**
Course no.:	**4**
Participants:	**Programmers and operators**
Training goal:	**Operating the Virtual Machine**

Course content:

- Basic operation VM
    - Session creation, setup, moving in the 3D area ...
- Assembling tools using a wizard
    - Simple tools, tools with 3D basic holder, Infoshop, special assemblies (drill holder MS), setting up tools on the machine
- Assembling molds in the wizard
    - Step drills, molds and contour plunging plates
- Creating and importing clamping devices
    - Using wizard or manufacturer model, preparing gripper jaws
- Creating material
    - Generating normal bar
    - Creating blanks in a new window
    - Defining shift VM
- Importing special tools in Resource Manager
    - Polygon turning unit, back-boring unit, steady rest
- Assembling complete 3D tools
- Collision consideration
- Measuring in the VM
- Creating identification sheets
- Backup of device for another PC
    - Saving the program, saving the session, saving the tool mounting
- TO data reconciliation
- Importing 3D models directly from the manufacturer into the VM
    - Align, move/rotate, edit and save as .GEO

Participation requirements:

- Spatial imagination in the 2D and 3D area
- Basic understanding of a lathe
- Basic knowledge of PC/Windows

Course duration:

3 days - from Monday (9:00 am) to Wednesday (4:00 pm)

Course location:

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