Training Course Description

INDEX TRAUB

4.0   **Programming TNX65/42**

Participants: **Operators and programmers**

Objective:
- Learning the TX8i-s-specific programming technique
- Creating complete programs with the most common machining applications.

The training qualifies for participation in the operator training course 4.10

Contents:
- Presentation of the machine and control
- Review of work area with zero and reference points, workpiece zero point and tool change point
- Using the geometry processor
- Initialization macro with gripping, cutting off, and sorting
- Deleting, copying, cutting, finding/replacing
- Program structuring
- Difference between interactive programming and NC programming
- Using cycle programming for roughing, drilling, and threading cycles
- Programming with multiple subsystems
- Coupling and crossing of NC axes
- Creating a work plan
- Creating a part program for a turned part with elevated difficulty level
- Milling with live tools
- Input and simulation of a part program on the PC including 3D simulation

Requirements:
- Basic knowledge of CNC technology
- PC basic knowledge and experience with Traub CNC machines are recommended

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

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