

Course description:

Course name: Programming basic course TX8i-s control for CNC lathes of the TNL 18-9/TNL32-9 series

Course no.: 2.5

Participants: Programmers and operators

Training goal:

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

The course qualifies for participation in the operator course 2.30/2.51

Course content:

- Basic programming, technology
 - Zero offsets of all systems on main/counter spindle
 - Using the geometry processor
 - Dialog functions, init, gripping, cutting off
 - Windows functions: Delete, Copy, Cut, Find/Replace
 - Synchro
 - Difference between dialog and NC program
 - Cycle programming for roughing, drilling, threading
 - Subroutine technique/macro call
 - Creating a work plan
 - Creating a part program for a simple turned part with simple milling using live tools
 - Input and simulation of a part program on the PC
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Participation requirements:

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