

## SINUMERIK 840D and 840D sl Operating with HMI-Advanced (NC-84D-B)

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### Objectives

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This course familiarizes you with the operation of the SINUMERIK 840D and with the fundamentals of programming parts programs. Practical exercises on training equipment using specified parts programs are an important part of the course.

To make the exercises even more practice-oriented, we offer graphical simulation of the machinery. This communicates the knowledge more vividly and increases learning success.

On completion of the course, you will be able to operate the SINUMERIK 840D with the standard operator interface, and make simple changes to the parts programs. In this way, you become more confident in handling machine tools and the risk of operator errors is minimized.

### Target Group

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Operators

### Content

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SINUMERIK system overview, configuration variants  
Operator panel and machine control panel  
Operating modes, operating areas, operator elements  
File system, editor  
Fundamentals of programming  
Tool compensation data  
Decompiling and parameterizing the standard cycles  
Backing up program data  
Practical exercises using specified NC programs on training models

### Prerequisites

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Basic knowledge of automatization

### Note

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Machine-specific functions and special technological functions are not dealt with in this course

### Type

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Face-to-face training

### Duration

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4 days

### Language

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