

## Messa in servizio SINUMERIK 840D sl (NC-84SLSIP)

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### Short Description

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This course teaches you how to configure the SINUMERIK 840D sl and it provides you with the knowledge required to create, test and start up special system configurations. On completion of the course, you will have mastered startup of the SINUMERIK 840D sl control system with a SINAMICS S120. Thanks to the knowledge gained of the different functions of the control, you will be able to pinpoint and correct faults. In this way, you will contribute toward minimizing standstill times and maximizing the productivity of your machine.

### Objectives

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After attending the course, you can:

- Configure a SINUMERIK 840D sl NC system
- Carry out a commissioning
- Implement the main features

### Target Group

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Commissioning engineers  
Engineering personnel  
Service personnel

### Content

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- Introduction to the components of the SINUMERIK 840D sl
- DRIVE-CLiQ and topology
- PLC hardware configuration
- Description of the commissioning tools
- CU and SINAMICS S120 drive configuration
- Machine data channel and axes/spindles
- Drives calibration optimization
- PLC-CN interface signals
- Creating archives
- Total cancellation and NC restart
- Functionality of the SINUMERIK 840D sl

The theoretical knowledge will be deepened with numerous practical exercises.

### Prerequisites

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No requirements.

### Type

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Face-to-face training

### Duration

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3 days

### Language

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