

SINUMERIK 840D sl 5-Achs Programmieren mit SINUMERIK Operate (NC-SINOPP2)

Objectives

In this course you will learn how to program part programs with DIN 66025, ShopMill and ShopTurn with selected high-level language commands as well as the creation of user programs.

The practical programming exercises on our training equipment are an important part of the course. This makes it possible to convey the knowledge even more clearly and to increase the learning success. The exercises can alternatively be carried out in DIN 66025 and/or ShopMill or ShopTurn.

After taking part in the course, you will be able to create part programs on your own and transfer workpiece drawings to a program. Your acquired know-how can significantly reduce the time required for programming.

Content

SINUMERIK System overview, configuration variants
Operating modes, operating areas, controls
file system, editor
Programming with DIN 66 025 and selected high-level language commands or
Programming with Shopmill/Shopturn and selected high-level language commands
Subprogram technology
Coordinate systems and FRAME concept
Tool corrections
Variables, calculation parameters and system variables
Program jumps and control structures
Macro-engineering
Programming with standard cycles
Data backup of programs
safe static panning of a round axis (B-axis)
Main and counter spindle programming (6 sample cases)
Practical programming exercises on training equipment

Type

Face-to-face training

Duration

5 days

Language

de