

5-Achs Programmieren SINUMERIK 840D sl 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