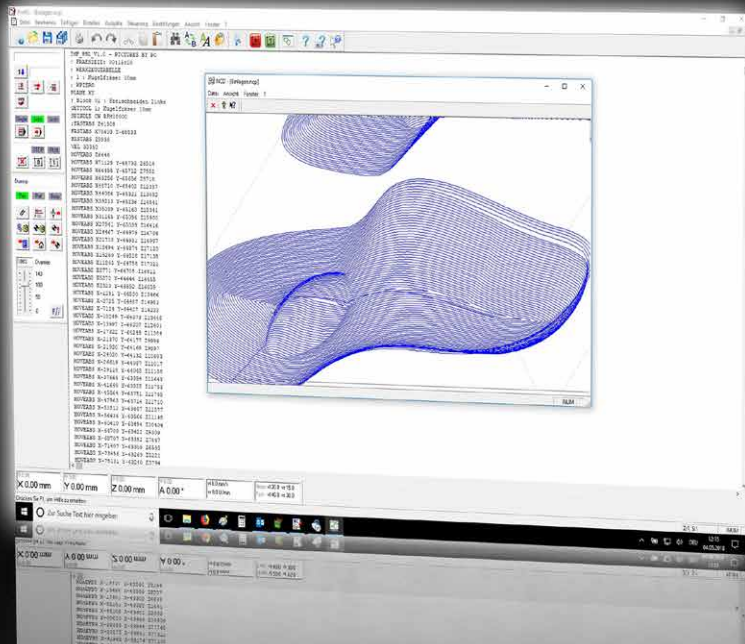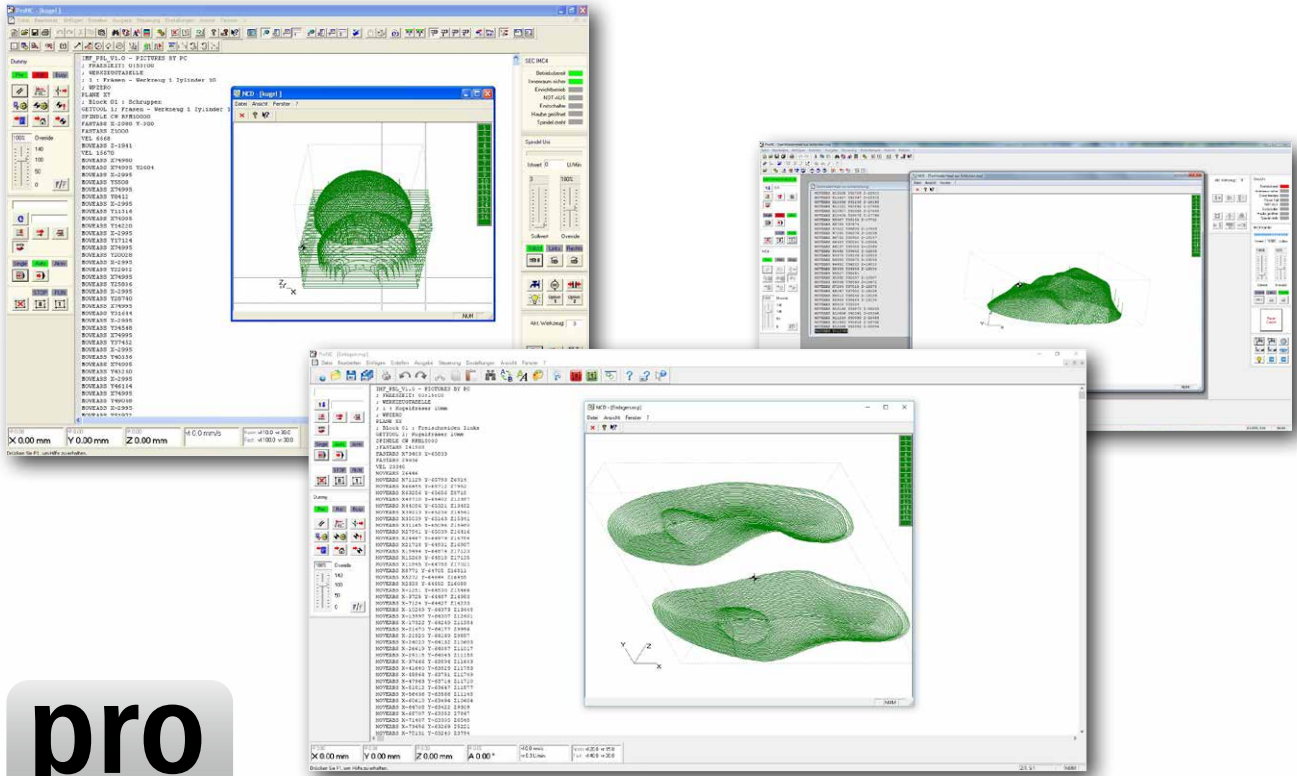# Automation software proNC

Function scope

- Path commands for the relative and absolute positioning of the interpolating axes
- Programming of additional axes in the handling mode
- Circular and helix interpolation, and drilling cycles
- Repeating and counting loops, and branches
- Numerous math and trigonometric functions
- Subroutine technology, and symbolic variable
- Integrationof real and string variables
- Message window, messages in the status line
- Loading and saving of process variables
- Access to digital and analogue inputs and outputs
- "On-The-Fly" input/output (without movement stop) for dispensing applications
- Access to the user-specific extension DLLs (Dynamic Link Libraries)
- Comfortable debug support (breakpoints, monitoring for status and variables)

Features

- Programming in accordance with the standard DIN66025 (G-codes) or isel-PAL
- Compatibility with earlier program versions (ProDIN, ProPAL)
- Integrated text editor with numerous functions for rapid and efficient editing of the source code
- Import of geometry data (NCP, such as for example by isy-CAD/CAM)
- Use of up to 6 interpolating axes and up to 6 handling axes (equipped with a CAN control)
- Look-ahead path processing equipped with CAN control
- Up to 4 spindle motors may be used
- Up to 4 E/A units may be used (maximum of 64 inputs, 64 outputs)
- Signalling inputs and outputs for the process synchronisation
- Teach-in with joystick, keyboard, and mouse
- Offline programming with simulation modules
- Step-by-step processing, breakpoints, and system monitoring for commissioning operations
- May be individually expanded with software libraries
- Control panels for motion control, input/output, spindles, and tool change by means of buttons
- Control panel for a maximum of 6 handling axes independent of the interpolating axes
- Available in the German and English language

isel

Every single automation solution is based on high-performance software, by means of which the tasks at hand can be rapidly and conveniently converted into a practical solution. In this context, the proNC operating and programming interface is the ideal solution.

Programming software proNC

- Runs under the operating systems Windows 2000, XP, Vista, Win7/8, Win10 (administrator rights required)
- Available for current controls and controllers by isel
- Applications can be created in accordance witht the isel-PAL or DIN66025 proNC is ideally suited for automation solutions in the fields of milling, drilling, standard dispensing applications, assembly, handling, loading and quality testing, where the user programs are predominantly textual using teach-in functions, as well as the import of contour data sets (such as for example NCP format).

Order data	ItemNo.
Software proNC for CAN-CNC controls (Windows)	Z11-333500