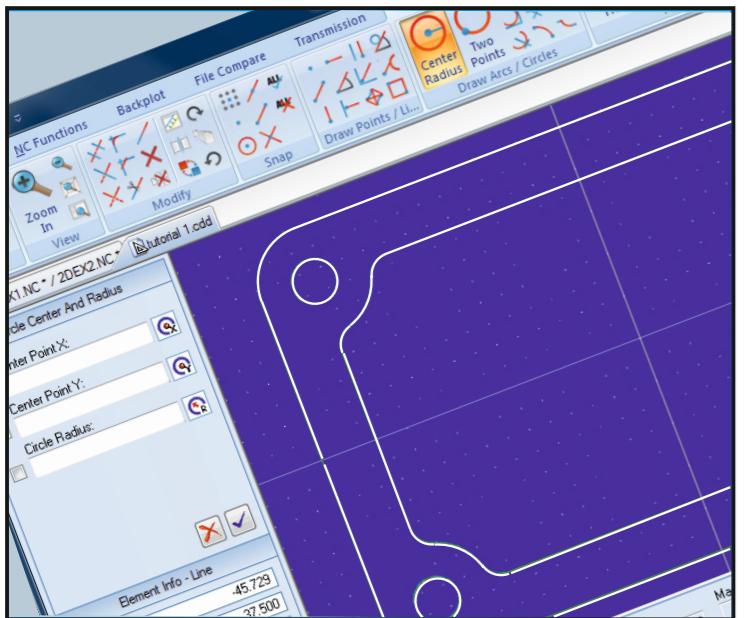


A completely integrated programming system

CNC-Calc (Optional Addon)



Calculations for CNC-programs can be both hard and time-consuming. They often include complex calculations of intersection and tangency points. Traditionally, these calculations have been performed using calculators and trigonometrical tables.

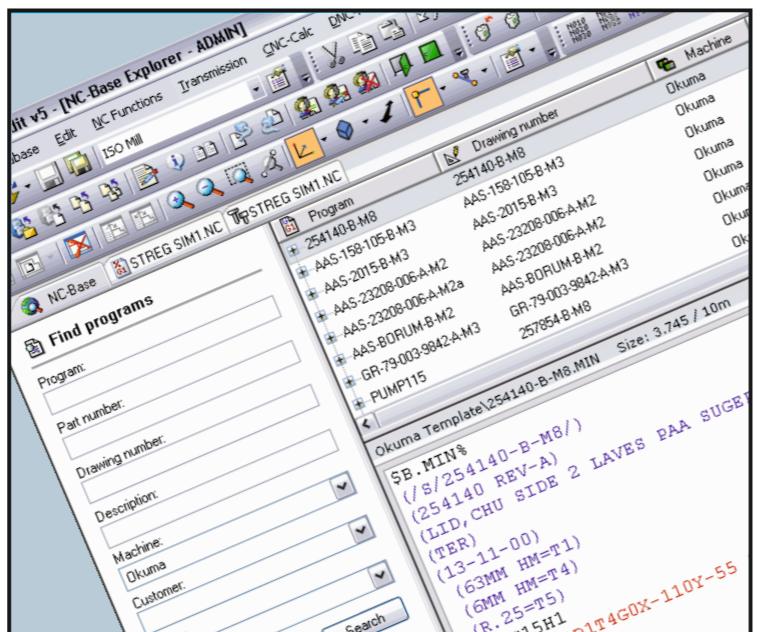
CNC-Calc is a fully featured 2D CAD system working as a powerful add-on to CIMCO Edit. It is a fast and cost-efficient solution to solve problems with complex geometrical contours.

CNC-Calc has been designed with usability in mind, which enables you to draw contours quickly. Its functionality ranges from the drawing of a "horizontal line" to the complex "circle tangent to three elements". It includes advanced trimming options and a simple point and click approach to laying out toolpaths and drill cycles.

CNC-Calc imports AutoCAD DXF files and generates toolpaths and drill patterns for ISO and Heidenhain conversational programming. Other features include automatic generation of configurable lead in/out containing lines and arcs.

CNC-Calc works from within CIMCO Edit, which extends its functionality even further. Being an integrated part of the editor environment makes it an easy task to view and backplot generated toolpaths. This helps to ensure that your program behaves correctly and to avoid unnecessary use of time and machine resources.

NC Base (Optional Addon)



NC-Base is a CNC program management tool that enables you to organize and manage your CNC programs and related production documents. Management of part programs and associated production documents is often a time consuming task for CNC programmers and operators. NC-Base takes care of that job and goes one step further by saving every revision of your documents for audit purposes. By providing an integrated and highly flexible management, search and editing environment, programmers and operators are guaranteed to work more effectively.

Current Quality Standards demand that the correct information and CNC programs get to the right individuals and machines every time without delay. NC-Base is the CNC program management tool that enables you to organize and manage your CNC programs and related production documents through the use of a reliable and fast SQL relational database.

NC-Base is production centric, designed to be used by people in the programming department and on the shop floor. With NC-Base CNC programmers and production staff can assemble virtual folders containing all the necessary data used by machinists, operators, quality staff, and others who are responsible for finished parts.

Why just send CNC programs to the shop floor when you can also provide setup sheets, tool lists, images, and other vital information required to manufacture parts? This information may be accessed from PCs running the NC-Base Client or printed out for manual distribution. Either way, NC-Base helps ensure the right part gets made right every time.

The editor of choice for CNC Programmers

CIMCO Edit is the editor-of-choice for professional CNC programmers who demand a reliable, full-featured and professional editing and communication tool.

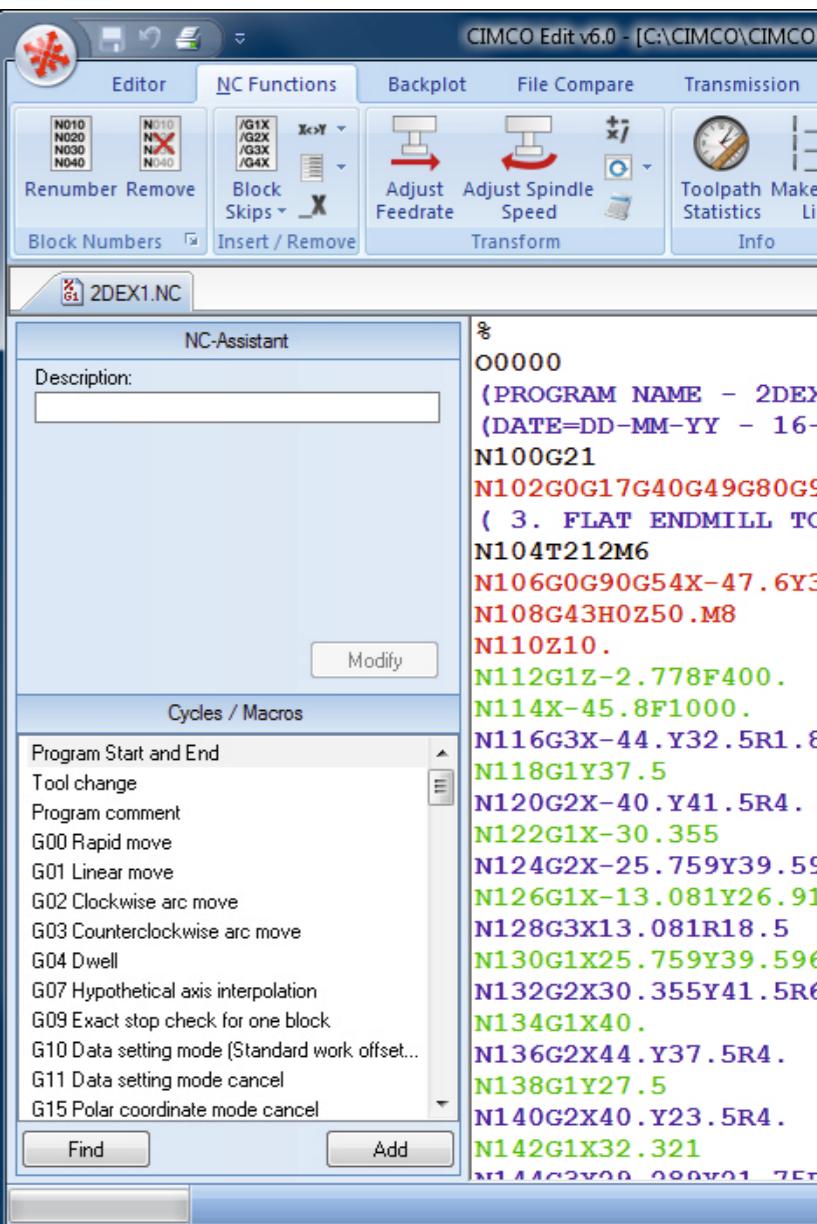
CIMCO Edit is the latest version of the most popular CNC program editor on the market. With over 100,000 licenses distributed in the past few years, CIMCO Edit is the editor-of-choice for professional CNC programmers who demand a full-featured and reliable, cost-effective professional editing and communication tool.

Every aspect of CIMCO Edit is new, from the multi-pane tabbed layout to the dynamic toolbars and menus. CIMCO Edit also includes new and powerful tools such as an enhanced file compare utility, a re-engineered backplot, the new NC-Assistant programming tool and 3D Simulation.

Full-featured CNC editor

CIMCO Edit provides a comprehensive set of essential editing tools necessary for meeting the demands of modern CNC program editing.

It has no program size limitations and includes CNC code specific options such as line numbering / renumbering, character handling and XYZ range finder. It also features math functions including basic math, rotate, mirror, tool compensation, and translate. CIMCO Edit offers all the functions expected from an editor including drag-and-drop text editing. Best of all CIMCO Edit is completely configurable and is easily adapted to any existing CNC program.



When reliability matters

Edit is part of the CIMCO range of products that have become world renown for reliability and functionality.

Cimco Edit integrates perfectly with DNC-Max, MDC-Max and NC-Base to form a complete CNC program management system that is second to none.

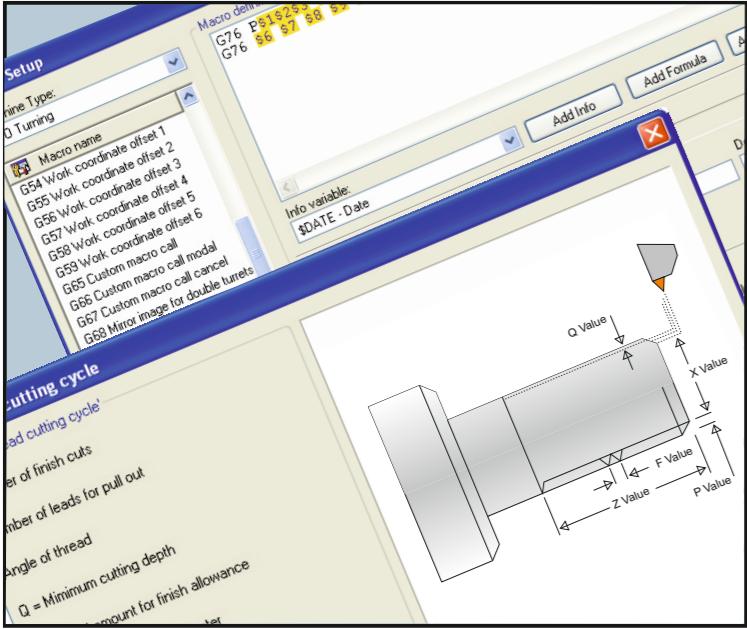


A professional, reliable and full-featured CNC editor

Faster editing with NC-Assistant

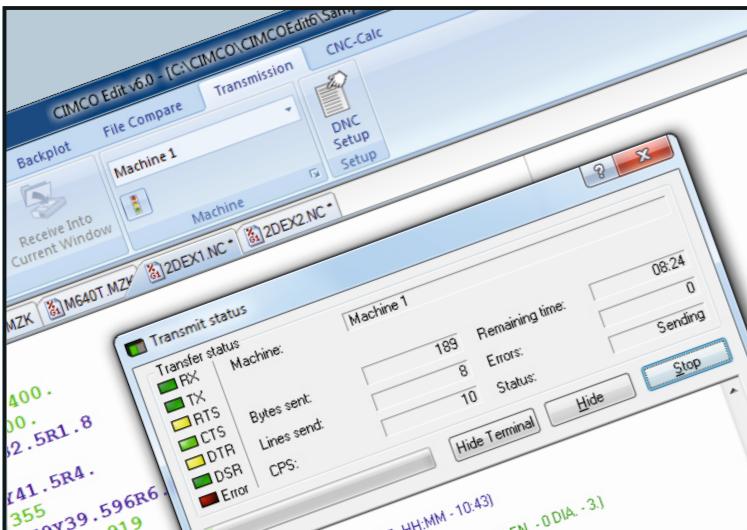
The NC-Assistant makes editing NC code faster and easier than ever. Point at any M or G code and the NC-Assistant will identify the code allowing you to modify values using an interactive interface linked to the CNC code. Input the desired values for any parameter and the NC-Assistant updates the CNC code automatically.

The NC-Assistant in CIMCO Edit allows you to quickly insert and edit complex cycles and operations. CIMCO Edit includes built-in cycles and macros for the most common operations



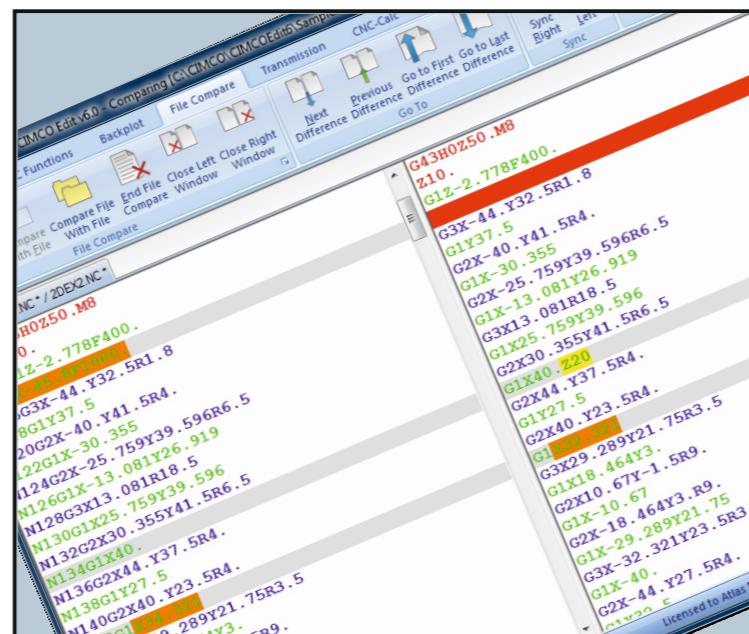
CNC Communications and DNC

CIMCO Edit includes DNC capabilities for reliable RS-232 communications with a variety of CNC controls. With the DNC option you can send and receive CNC programs to multiple machines simultaneously from inside CIMCO Edit.



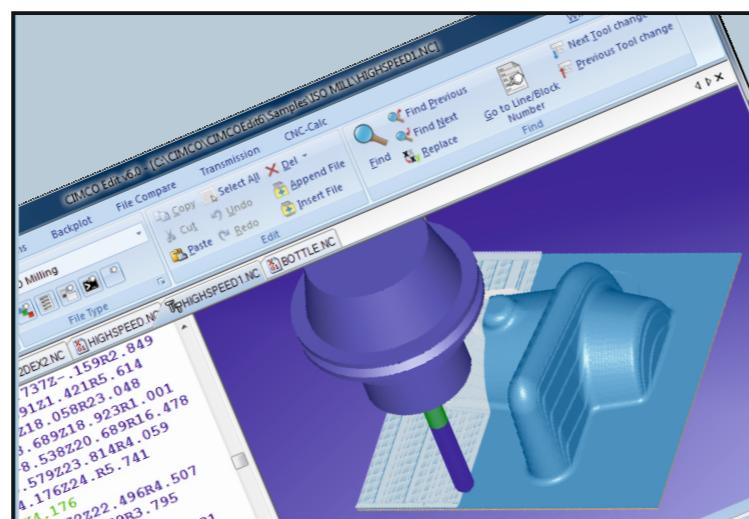
Intelligent File Compare

CIMCO Edit features a fast and fully configurable side-by-side file compare, allowing the user to quickly identify CNC program changes. The file compare identifies changed and deleted / inserted lines, but ignores trivial format changes like block renumbering and spacing. Differences are displayed one line at a time, all at once or printed side-by-side for offline review



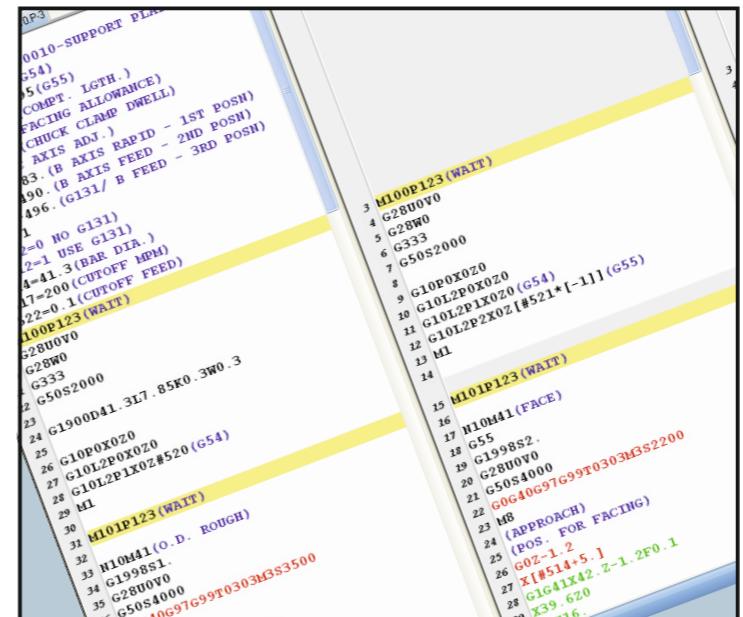
Graphical Backplotter

The 3D Mill / 2D Lathe backplotter handles your 3-axis Mill and 2-axis lathe CNC programs with step and continuous forward and reverse plotting. Edit the CNC program and the update is automatically reflected in the plot. Analyze the plot with dynamic zoom, pan, rotate and measuring functions. CIMCO Edit supports solid visualization of NC code with tool holder collision check and gouge detection.



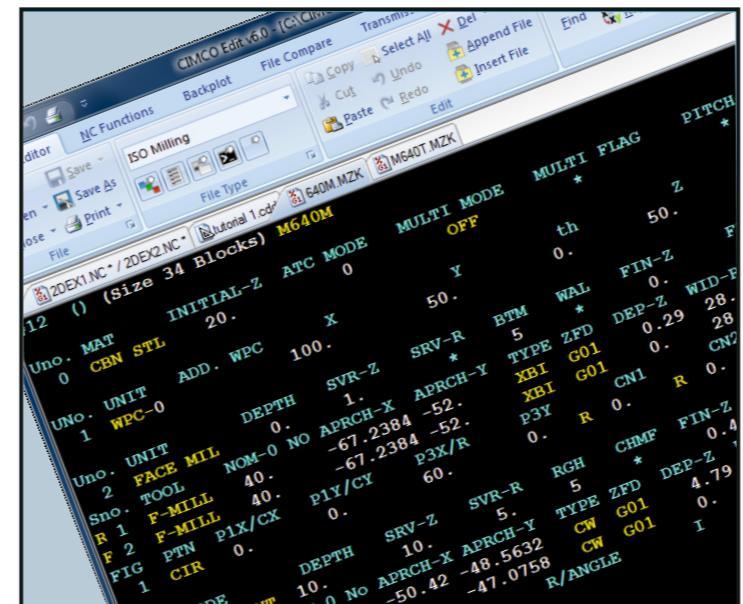
Multi Channel Editing

CIMCO Edit supports simultaneous editing of programs for multi turret machines. The files are displayed side by side and aligned according to their synchronisation codes. This makes the reading and understanding of the code much easier as you can immediately see which turret is waiting for the other.



Support for Mazatrol Files (Optional Addon)

View Mazatrol Program files directly in CIMCO Edit instead of on the Mazak Control in the workshop. Quickly verify and review program changes with Mazatrol file-compare.



NC Functions

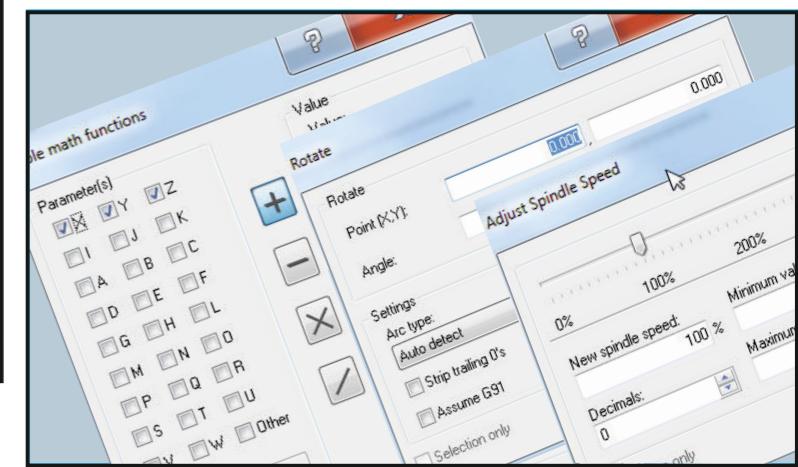
Add or remove block numbers for ISO and Heidenhain programs. Insert or remove block skips for selected blocks. Automatically Insert spaces to make code more readable. Insert strings or replace strings anywhere in program.

Adjust feedrate and speed spindle by a percentage.

Simple maths functions can be used for converting inch to metric.

Translate toolpaths by mirror, rotate etc.

Automatically create tool list from CNC program



Heidenhain to 'G' code converter

Convert all linear, circular and rapid moves from Heidenhain to ISO 'G' code format. Extremely useful for transferring 3D milling programs between Heidenhain and Fanuc controls.

