CIMCO
WHEN RELIABILITY MATTERS

CIMCO is an industry leading developer of software solutions for Computer Integrated Manufacturing and Industry 4.0. Our software suite includes advanced CNC editors, simulation software, DNC communications software, Manufacturing Data Collection for real-time monitoring and analysis of shop floor productivity, and Manufacturing Data Management for managing, organizing and securely storing production related data.

Since 1991, CIMCO has helped companies worldwide improve their competitive edge by providing reliable software and outstanding on-site assistance. Our network of CAD/CAM/CNC resellers and consultants have sold more than 100,000 licenses worldwide and we hold great pride in continuously supporting and meeting our customers' demands by developing intelligent and competitive solutions.

THE FULL SUITE OF CIMCO SOFTWARE

CIMCO Edit
Full-featured NC editing, simulation and machine communication tool. Powerful add-ons available.

CIMCO DNC-Max
The leading solution for NC program transfers to and from CNC machines. Compatible with machines and files.

CIMCO MDC-Max
Real-time manufacturing data collection. Optimize use of resources, and streamline processes.

CIMCO NC-Base
Organize, manage, and protect part programs and related production documents efficiently.

CIMCO MDM
Complete solution for manufacturing document management. Integrates with CAD/CAM systems from leading vendors.

CIMCO Scheduler
Production scheduling and order tracking solution. Improve delivery times and use of machines and resources.

CIMCO Machine Simulation
Prove-out your NC program on a 3D CNC machine model. Automatic checks for collisions, out of limit moves and more.

CIMCO CNC-Calc
A basic CAD/CAM. Draw 2D geometrical contours and lay out toolpaths for milling and turning machines.

CIMCO Mazatrol Viewer
Enables CIMCO Edit to read, preview and print Mazatrol binary files for both milling and turning.

CIMCO Teachware
E-learning solution that introduces students to working with digital machine tools.

MAIN OFFICES

DENMARK
CIMCO A/S
VERMUNDSGADE 38A
COPENHAGEN, DENMARK

TEL: +45 45 85 60 50
FAX: +45 45 85 60 53
EMAIL: info@cimco.com

AMERICAS
CIMCO AMERICAS LLC
1980 N ATLANTIC AVE STE 229
COCOA BEACH, FL 32931

TEL: +1 704 644 3587
FAX: +1 704 943 0514
EMAIL: info@cimco.com

CIMCO HEADQUARTERS AND MAIN TRAINING FACILITY ARE LOCATED IN THE DANISH CAPITAL COPENHAGEN. THIS IS THE BASE OF OPERATION FOR THE SALES AND SUPPORT TEAM. OUR TECHNICAL SERVICE STAFF TRAVELS WORLDWIDE AND HAS LOCAL OFFICES IN SELECT COUNTRIES.

LOCAL OFFICES / RESELLERS WORLDWIDE

EUROPE

AUSTRIA
BELARUS
BELGIUM
BULGARIA
CROATIA
CZECH REPUBLIC
DENMARK
ESTONIA
FINLAND
FRANCE
GERMANY
HUNGARY
IRELAND
ISRAEL
ITALY
LATVIA
NETHERLANDS
NORWAY
POLAND
PORTUGAL
ROMANIA
RUSSIA
SCOTLAND
SERBIA AND MONTENEGRO
SLOVAKIA
SLOVENIA
SPAIN
SWEDEN
SWITZERLAND
TURKEY
UKRAINE
UNITED KINGDOM

SOUTH / NORTH AMERICA

BRAZIL
CANADA
CHILE
COLOMBIA
COSTA RICA
ECUADOR
MEXICO
PERU
USA
VENEZUELA

ASIA / MIDDLE EAST / OCEANIA

AUSTRALIA
CHINA
HONG KONG
INDIA
INDONESIA
JAPAN
MALAYSIA
NEW ZEALAND
SINGAPORE
SOUTH AFRICA
SOUTH KOREA
TAIWAN
THAILAND
UNITED ARAB EMIRATES
VIETNAM

EDIT

NC program editing, simulation and machine communication

CIMCO AUTHORIZED RESELLER

More information at
www.cimco.com

Watch our product videos at
/cimcovideo

Follow on Facebook
/cimco

Follow on LinkedIn
/company/cimco-a-s

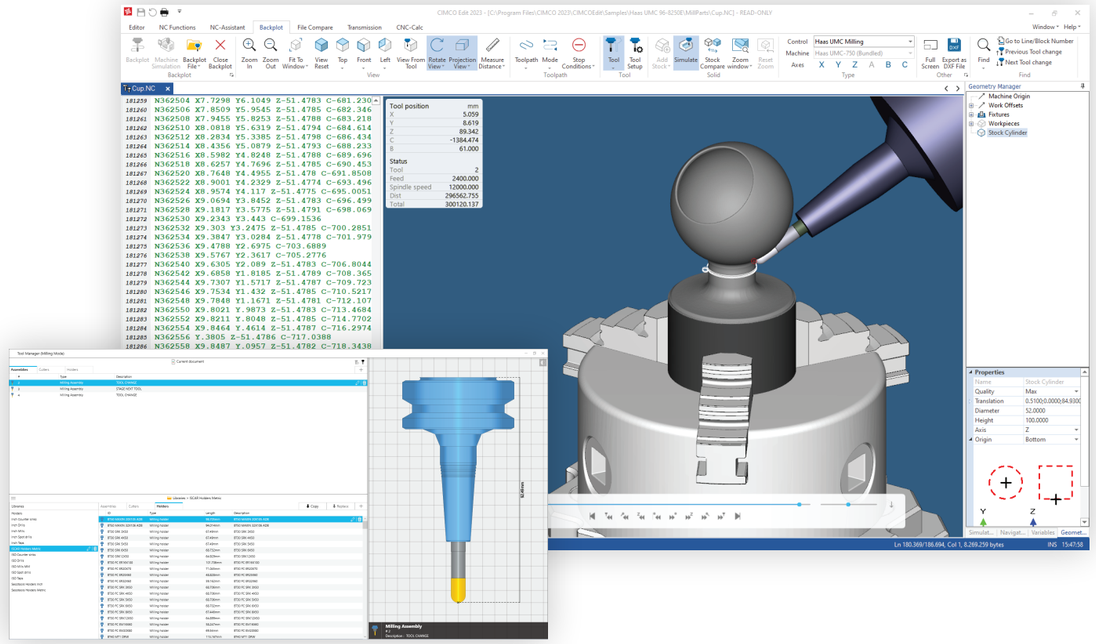
CIMCO
WHEN RELIABILITY MATTERS

INTRODUCTION

What is CIMCO Edit?

Built for CNC programmers who demand a full-featured editing, simulation and machine communication tool

CIMCO Edit comes with all the essential features needed for modern NC program editing including NC specific functions, math, transforms, drag/drop editing and more. In addition, CIMCO Edit includes the world's fastest GPU-accelerated backplotter, file compare, advanced Tool Manager, NC code assistant and can be extended with add-ons for machine simulation, NC program management, 2D CAD/CAM, viewing Mazatrol files and more.



BENEFITS

Why use CIMCO Edit?

Faster editing at PC

Work with NC programs on your PC, in a familiar Windows-based application instead of on complicated machine controls.

Error-free code

Use code suggestions, syntax checking and error reports to help you write error-free NC code.

Work smarter

Define associated objects such as workpiece, tools and holders directly in your NC programs for 1-click setup when simulating.

Better Tool Management

Easily view and modify tools in your NC program for fast, iterative testing and simulation.

Transfers to/from machine

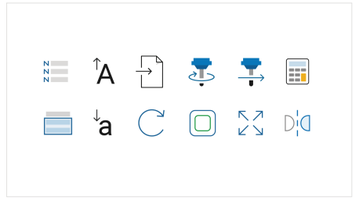
Manage program transfers to and from machines with reliable and configurable DNC RS-232 and FTP communications support.

Scalable and integrated

Proven in thousands of shops worldwide, powerful add-ons, and built for integration with external systems.

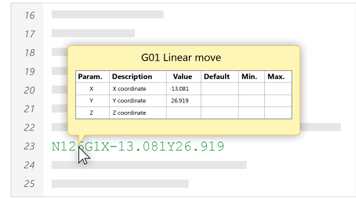
FEATURES

Some of the many features included



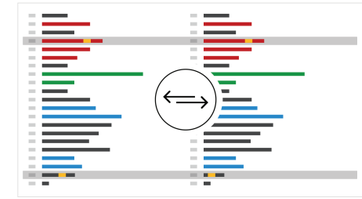
Essential editing tools

Comprehensive set of editing tools including line numbering, character handling, XYZ range finder, tool compensation, basic math, and more.



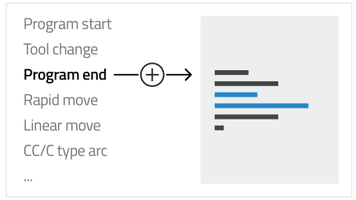
NC-Assistant

Point at any M or G code and the NC Assistant will identify the code and allow you to modify its values using an interactive interface.



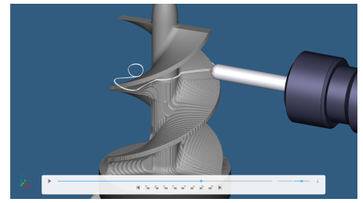
File Compare

The file compare identifies new, changed and deleted lines, but ignores trivial format changes such as block renumbering and spacing.



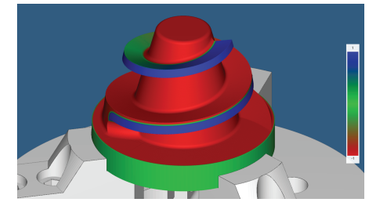
Cycles and Macros

Quickly insert and edit cycles and operations or record your own for the operations most common to your setup. Includes many built-in cycles and macros.



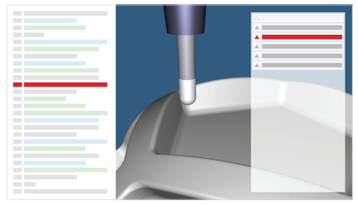
Backplot and Solid Simulation

Simulate your NC programs in 3D with the world's fastest 3,4,5 axis milling, turning and mill-turn C+Y axis backplotter. GPU-powered high-quality simulation of material removal, collision detection and more.



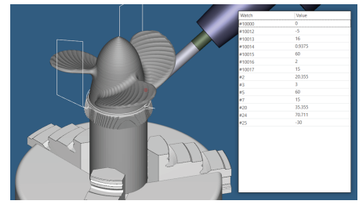
Stock Compare

Compare the simulated stock to the design model to easily identify inaccuracies. The stock is colored based on the distance to the design model.



Simulation Report

All program errors are shown in the Simulation Report. Select an error and jump to the corresponding line. Modify the code and the Simulation Report verifies that the problem is resolved.



Variable Watch

Track the initial and current state of variables in your NC program while the simulation is running or when selecting specific lines.

Machine Simulation Add-on

Prove-out your NC program on a 3D model of your CNC machine and see the exact movement of components such as heads, spindles, and even peripheral devices.

* Purchased separately

- ✓ Stop Conditions
  Options to stop simulation at over travel limits, tool changes and collisions.
- ✓ Scanning Commands
  Automate the loading of tools, geometry, work offsets, stock, and more.
- ✓ Geometry Manager
  Tree view for overview and configuration of machine components.
- ✓ CAM Integrations
  Transfer data from supported CAM systems (Mastercam, SolidCAM).
- ✓ Free Online Courses
  Online training courses for learning milling, turning, NC code, and more.

MORE

www.cimco.com →

Visit our website to discover many more features, videos or to download our free, 30 day trial version of CIMCO Edit.