



# COBUS NCAD

CNC Programming

Starting at Batch Size 1

## One Programming Solution for All Your Machines

CAD / CAM



Tried, tested and approved. With more than 20 years of success under its belt, COBUS NCAD has a proven track record providing customers with a user-friendly, powerful programming tool to control all of their CNC machines.

Routing, drilling, sawing and filling – applying and running these machine jobs is quick and easy. Display dialogs for powerful macros come with useful in-built help graphics to let you know what each setting does and allow you to be confident in your work. And to help with repetitive tasks, you can set up your own custom macros and save them to the macro library to be used when you need them later on.

Because of its compatibility, COBUS NCAD also helps with reducing workforce and software costs. Think about it: One system controls every CNC machine and all of the necessary data is sent directly to production through COBUS NCAD. So there is no need to spend additional time training employees on how to use a variety of other software programs. The danger of becoming overly specialized and reliant on only one machine type will be a thing of the past. And learning to navigate and use the software is easy, even for beginners, thanks to the use

of modern day .NET technology to build the user interface.

NCAD also helps you keep more of your hard earned money in your pocket. For example: Imagine you have added a new CNC machine to your production line. With NCAD running on your system, your current CNC data is easily transferred to the new machine, saving you time and money and allowing you to immediately perform maintenance requests. And since you are able to see a graphic representation in 2D/3D of the CNC, work piece and applied machinings you get a better sense of the operation and its security.

Software knowledge and CNC programming data rank as some of the most important resources a company can have in the woodworking industry. COBUS NCAD takes and stores these resources, guaranteeing control and maximizing efficiency of your machining centers and production lines.

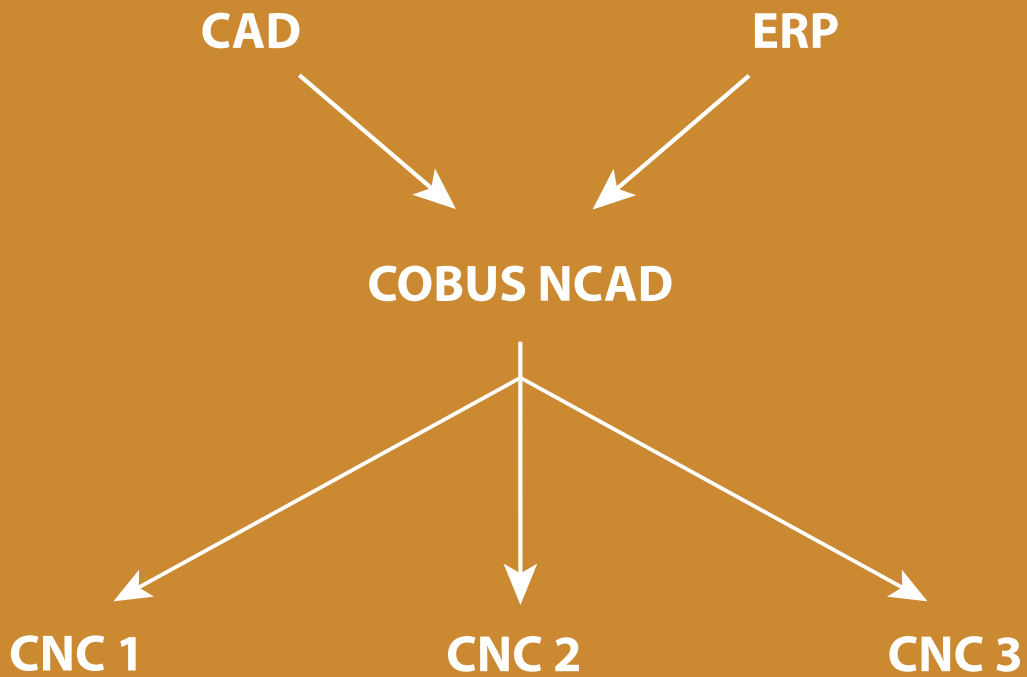


## Tried and Tested, Reliable and Efficient

If you simply want to program directly at the CNC machine, then the COBUS WOP machine interface is right up your alley.

### Features

- Unsurpassed user-friendliness
- Proven, industry specific macros
- Useful inbuilt help graphics
- Autosave feature: regular back-ups while working
- Free design and import of drawings
- Point and click design interface
- Controlled inner arch radius
- Incorporates established WOP interface features
- Customized to fit the needs of each individual machine manufacturer
- Import existing CNC programs (woodWOP, IMAWOP, Biesse XNC, ...)
- Postprocessors for every machine make and control
- Fully automatic CNC program generation
- Feed rate adjustments for corners and small radii
- Material specific feed rates
- Feed limitation: Postprocessor sends a warning when feed rates are too small or too high
- Extensive drilling macros
- Timed 3D simulations reduce unproductive test runs
- Adjusted optimizations and mounting aids for each machine type
- Multi-axis compatibility ( 5 axis)
- No need to program multiple CNC machines
- Reduced interface costs; all data goes to production via COBUS NCAD



## Available Options

- COBUS edge banding
- COBUS automatic pod positioning
- COBUS automatic clamp positioning
- COBUS automatic tool management
- COBUS work piece placement manager
- COBUS optimal free form nesting
- COBUS 3D simulation with collision control and material removal
- COBUS NCAD; The CAD/CAM built around a custom CAD core
- COBUS interfaces with software from other industry leaders (windows, interior design, stairs)
- COBUS solutions for door, window, countertop and cabinet manufacturers
- COBUS import tool data from the machine
- COBUS integrates with ERP-/CAD-systems

Ideally the personnel in the office and on the shop floor are using the same programming software for all systems and machine types. Normally, that's a hard thing to achieve. Not so with COBUS NCAD.

*Modern CAM software adds a great deal of value to investments already made in machines, but it only represents a mere fraction of the total costs.*



## Compatible with all Popular Numerical Controls

### This is COBUS ConCept:

A German IT company of system engineers who have been reliable partner to wood-working manufacturers for more than 25 years. They offer professional systems and solutions, design and optimize databased business processes and integrate bespoke software solutions for CAD/CAM automation techniques.

Revolutionary and efficient are just a few of the words that describe what COBUS NCAD can do for CNC programming. With COBUS NCAD, you do not have to rely upon the performance of the machine interface. One system is able to handle all of the work... saving you time and money.

woodWOP 2.5 - 6.1 | CNC 90 | Bosch | IMAWOP 2.4 - 7.0 | Xilog Plus | NUM 750 | NUM 760 | NUM 1060 | NUM Axiom | NUM Flexium | EdiCad | MasterWork | Siemens 810 | Siemens 840D | BWO 900 | Fanuc | OSAI | HECKLER & KOCH | BECKHOFF | NC 1000 | biesseworks 3.2-3.3 | XNC | TPA | TRIA 4000 - 7500 | MultiCam controller | GENESIS | RT 480 | CID/3 | Serie 10 | WoodFlash | Ferrocontrol | Heidenhain | Allan Bradley | PH BlueSYS | Albatros | ...

Issue: 08/2013 [ccs-P-104-en]  
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**Your Success.  
Our Motivation.**

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