



COBUS | ADULO | CAM

Data Import from Window Designer

CAD / CAM



High-speed production with COBUS NCAD

In order to help you manufacture your windows economically we offer our well-established CAD/CAM solutions that meet all requirements of manufacturing companies and which help reduce the cost of production.

If you apply ADULO for planning and designing wooden or wood-aluminium windows you will be able to bring your production up to speed with combining ADULO with COBUS NCAD. With this integrated solution the single parts of the design will be smoothly transferred to COBUS NCAD, which will create the CNC programs for production fully automatically.

Your machinery park is formed by different types of machines, also of different makes?

With COBUS NCAD you will master this challenge easily. The programming effort is minimal, for your CNC programs will be created automatically, no matter whether it is for a

machining center or for a complete production line. Even the simultaneous control of one or multi-line production lines is possible.

COBUS NCAD is a system with which you can generate and edit your master data yourself.

Use one of our extendable libraries for your

- profile systems
- fittings systems
- corner connection systems

The completed programs are created neutral and do not need machine specific sub-routines. This will make your production flexible and speedy in reaction.

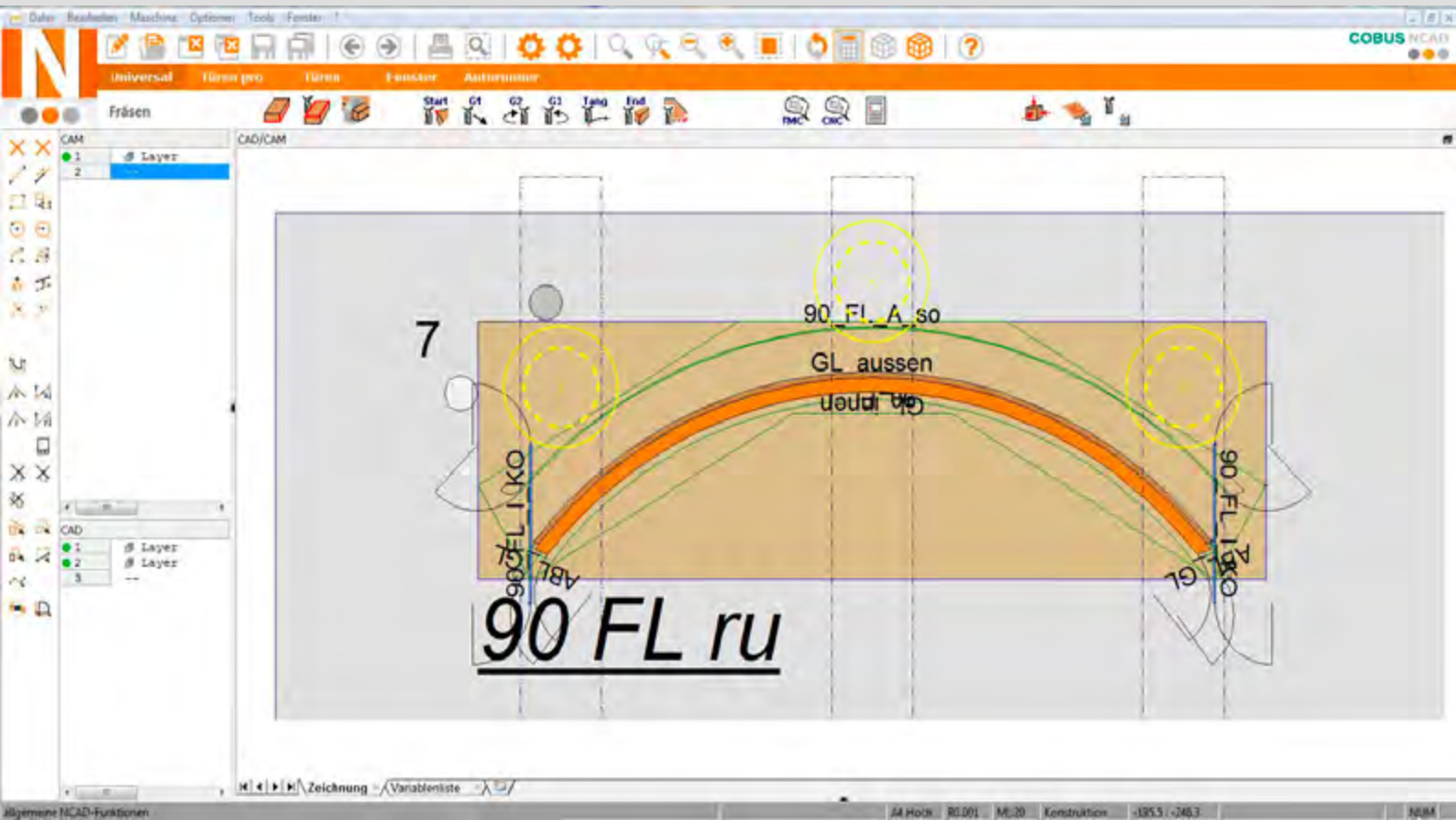


Abb.: Ansicht einer Fensterkante in COBUS NCAD, fertig platziert auf der Maschine

Save resources and time

You can position your window single parts on the machining table with the integrated placement manager, either fully automatic or manually.

Have you clamping fixture positions calculated automatically. It will be indicated where clamping fixtures can be set corresponding to the window scantling and the defined machining routes without causing collision damage. Processing at the clamping side is automatically disabled with this. After resetting the clamping fixtures the previously disabled side will be processed without additional programming efforts.

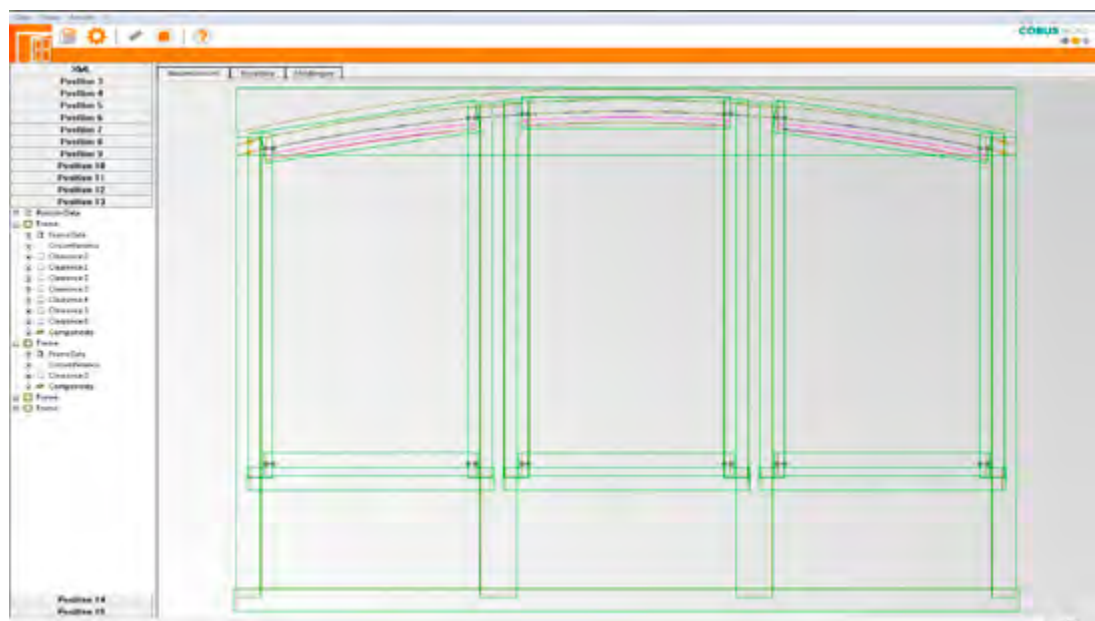


Fig.: View of window construction in the interface

placement templates

time savings

window production

machine neutral

fittings library

trade expertise

change of rebate

approach strategy

Depending upon the type of wood you will need different machining strategies. COBUS NCAD offers many different approach strategies, which will support you with the frontal machining of soft- and hardwood.

Profile splitting is a further machining strategy that will keep your production flexible. Decide yourself whether you will process your profile systems with singular tools or with sets of tools. No matter how – with COBUS NCAD tool optimization your production will be set to high speed.

COBUS NCAD supports machines with fully automatic self-setting machine tables. They can reset the fixtures for the single parts automatically.

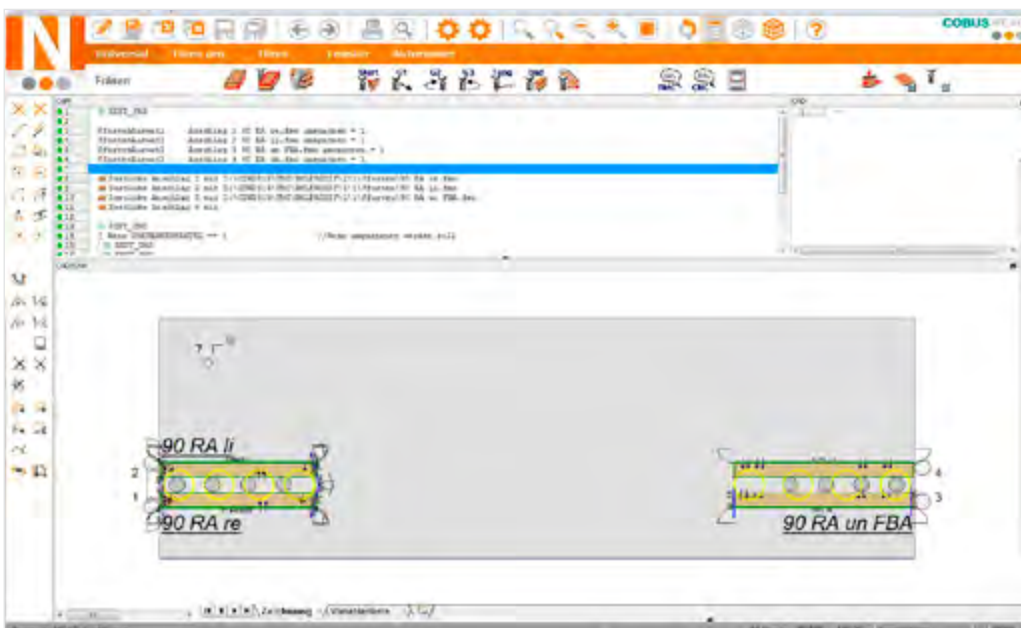


Fig.: Several window scantlings, which COBUS NCAD placed optimally on the machining table

What took many hours previously you can now do within a few minutes thanks to modern CAM software.

With COBUS NCAD you will get automation in your business and production processes which will save you time and reduce error sources.



This is to your economic advantage

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.

COBUS NCAD Advantages

- fully automatic CNC program creation for any machine control up to five axes, no matter whether it is a machining center or a tunnel machine
- adjusted optimization and placement support significantly reduce production time at the machine
- 3D profile configurator for easy creation of profile systems
- tool optimization
- libraries for
 - fitting systems
 - profile systems
 - corner connection systems
- automatic calculation of round arch segments
- single part placement of several components on the machining table and optimized processing of the parts
- automatic resetting of clamping fixtures for single part production with automatically disabling processing at the fixture side
- order related production with automatic single part programming
- change of rebate
- automatic profile creation
- automatic calculation of execution of corner connections corresponding to the width of the frieze



**Your Success.
Our Motivation.**

COBUS 
ConCept

Central Offices
COBUS ConCept
Nickelstraße 21
33378 Rheda-Wiedenbrück
Germany
Phone: +49 5242 4054-0
Fax: +49 5242 4054-199
E-Mail: info@cobus-concept.de
Web: <http://www.cobus-concept.de>

Further offices in
COBUS ConCept
Haus Uhlenkotten 26
48159 Münster
Germany
Phone: +49 5242 4054-16600
Fax: +49 5242 4054-16699
E-Mail: info@cobus-systems.de

COBUS ConCept
Alter Hellweg 50
44379 Dortmund
Germany
Phone: +49 231 997792-0
Fax: +49 231 997792-92
E-Mail: dortmund@cobus-concept.de