



COBUS Doors Expert

Cut Costs and Time Invested by 90%

CAD / CAM



The trade solution for door manufacturers

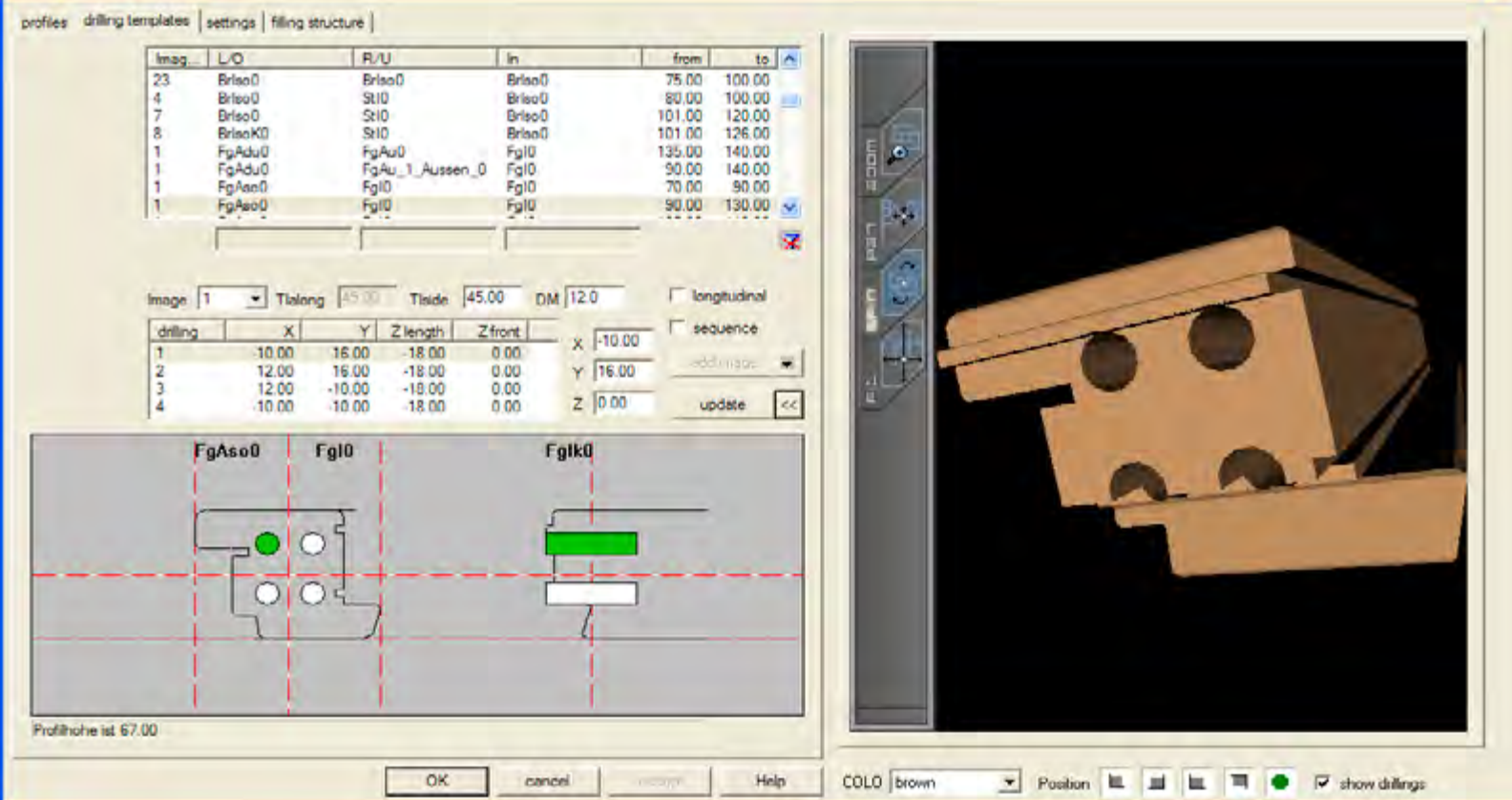
COBUS Doors Expert was specifically developed to streamline the door manufacturing process. Complicated procedures and repetitive tasks are simplified into easy to use macros that guide the user through door construction and CNC programming.

Doors can be set-up according to your own custom designs and catalog. Once a door is created it can be saved into the door types library. From here a door can be quickly selected and edited to match the specification of an order.

All corresponding data is automatically generated and is available for use when and where it is needed. Quotes, shop drawings, inventory orders, a bill of materials etc. are all available with the click of a button.

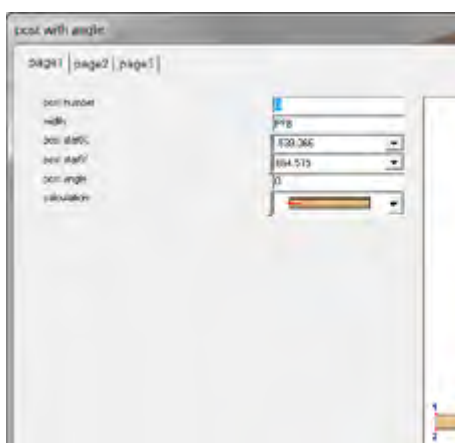
Necessary settings, such as placing clamps, vacuum pods, determining laser projections and LED displays are automatically handled by the software. These solutions are an easy and simple way to increase the security and safety of your production process.

Simultaneously the downtime of machining centers and the assembly line can be reduced because COBUS NCAD can provide more intelligent tools and optimized production routes.



For better control: the 3D profile configurator

Framed Doors – Time Saving Features



- User friendly macros
- Create custom, one of a kind designs
- Easily create CAD drawings and CNC programs
- Automatically calculates window sash, rail and frame
- Calculates panel sizes
- Automatic partitioning of segmental and round arches
- Automatically generated cross sections
- Automatic calculation of drill holes and dowelled joints
- Automatic profile allocation
- Automatically creates a bill of materials
- 3D profile configurator
- Create custom macros

ERP Interfaces

intermediate ply

significant time savings

doors

CNC programming

door libraries

batch size 1

CAD

CAM

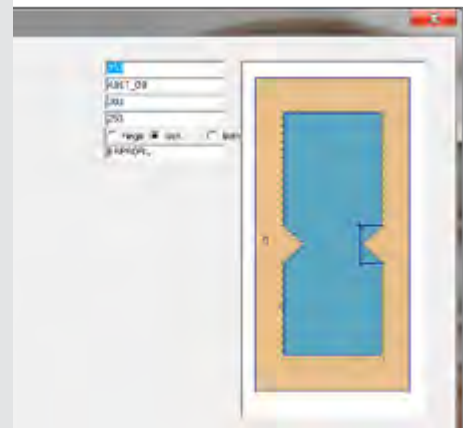
machine neutral

bill of materials

3D profile configurator

Door Panels – Time Saving Features

- Decorative groove library
- Window and cutout library
- Easily generate CAD drawings and CNC programs for cutouts and windows
- Automatic tool allocation
- Automatic corner machining
- Automatically calculates the sash, rail and frames of cutouts
- Automatic fillet selection
- Automatic scrap reduction and removal
- Automatically creates a bill of materials
- Automatic fill calculations
- Surface milling for stepped-edge glazing or material inlays



Fierce competition keeps forcing manufacturers to find new ways to cut costs in order to stay competitive.

Improving the efficiency in your manufacturing process with COBUS Doors can give you the edge you need to stay ahead of the game.



COBUS Doors Expert – Innovative Services

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.

- Create your own custom door library
- Lock and hinge library
- Library for frame and wing types
 - Straight
 - Tilted
 - Segmental arch
 - Round arch
 - Basket-handle arch
 - Free form construction
- Interior and exterior view of doors
- Placement templates for single parts

COBUS Door Expert – A Step Up

- Aluminum frames for wood and aluminum doors
- 3D door studio
- Online door configurator
- Production control system
- ERP integration



**Your Success.
Our Motivation.**



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