woodWOP⁹

Focused on focus.

The CNC programming system from HOMAG

smarter

faster

easier

YOUR SOLUTION

The woodWOP success story began more than 35 years ago.
The basic principle of woodWOP has not changed to this day. In the latest version woodWOP 9.0, HOMAG offers users a large number of new functions and endless possibilities.

1991	woodWOP 1	Premiere at LIGNA 1991: First workpiece-oriented programming in the wood industry
1994	woodWOP 2.5	First version under MS-DOS for work preparation workstations
1997	woodWOP 4.0	First Windows version with unlimited number of contour elements
2002	woodWOP 5.0	Wizard technology for edge processing programming
2009	woodWOP 6.0	3-dimensional representation of workpiece, tool and clamping device
2012	woodWOP 6.1	CAD functions
2015	woodWOP 7.0	CAM plugin for 5-axis programming
2017	woodWOP 7.1	Feature detection
2019	woodWOP 7.2	Extension routing macros, 3D Model Wizard
2021	woodWOP 8.0	New wizard, contour templates, Formula Wizard, MPRXE exchange format
2023	woodWOP 8.1	Nesting plugin, extensions block macros
2025	woodWOP 9.0	New design, favorites mode, drag & drop of macros and contours

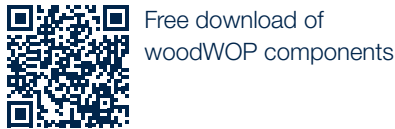**1991** woodWOP 1.0
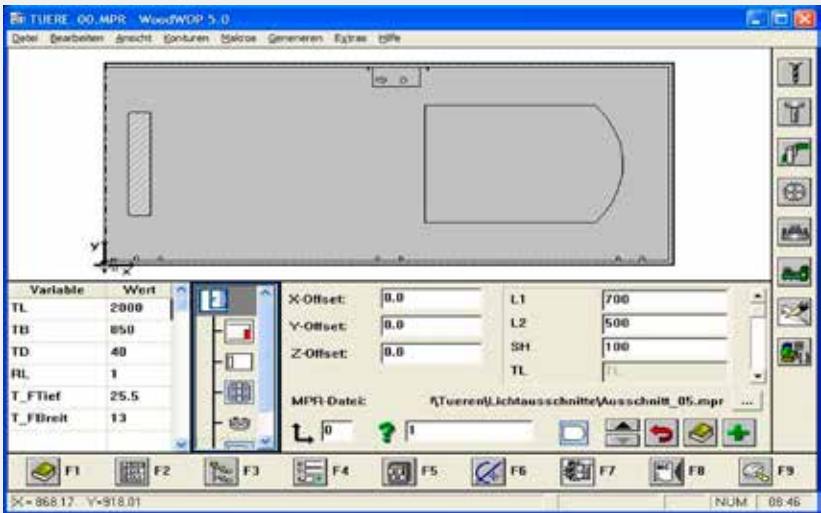
**2002** woodWOP 5.0
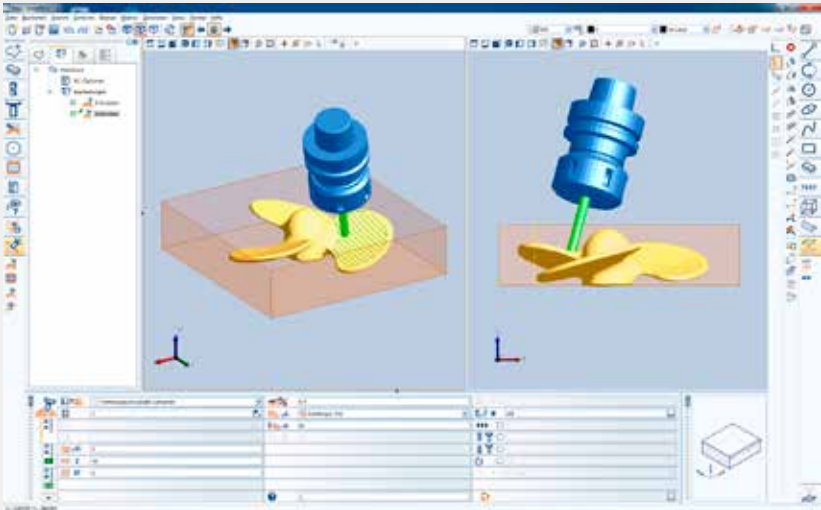
2015 woodWOP 7.0

woodWOP 9.0
The CNC programming system from HOMAG

woodWOP is the CNC programming system from HOMAG. The centerpiece of the innovative user interface is the large graphic area in which the workpiece is displayed three-dimensionally. Routing, drilling or saw cuts are programmed quickly and easily by entering the processing parameters and displayed realistically in the graphic. This guarantees maximum programming reliability and constant control during program creation.

HOMAG.COM

Free download of woodWOP components
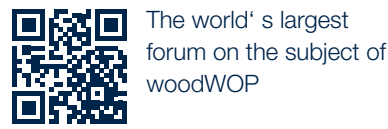
FORUM.HOMAG.COM

The world's largest forum on the subject of woodWOP

CONTENT

The new design

The new user interface impresses with its clean lines and a significantly larger graphic area. Color gradients and blue elements have been eliminated. The white background in the graphics and parameter dialog gives woodWOP 9.0 a modern and fresh look.

"Focused on Focus" means: woodWOP 9.0 supports the user in his daily work and helps him to concentrate on the essentials. The new design allows the user to navigate faster. New functions and support assistants optimize the processes within the software. The favorites mode leaves more space for the workpiece during programming.
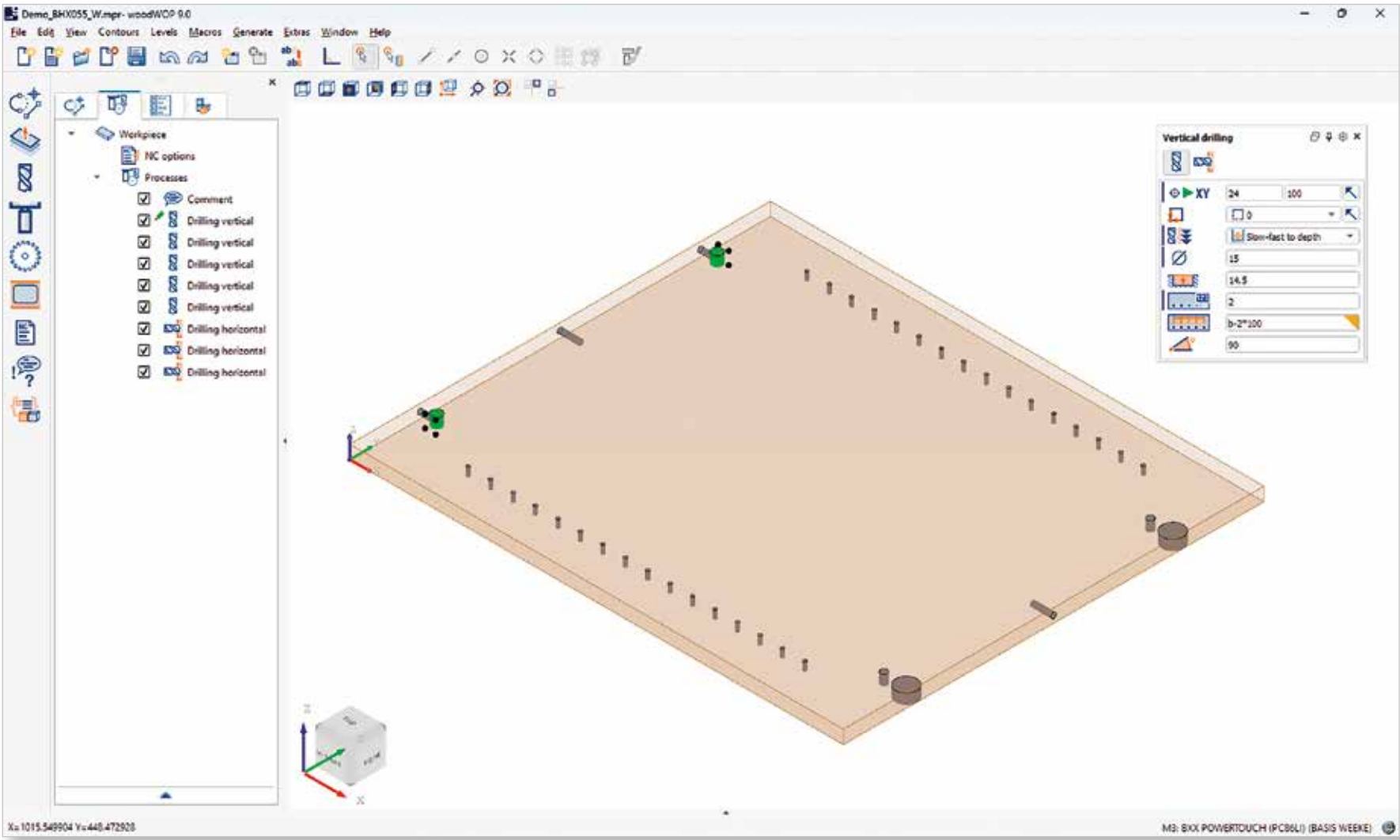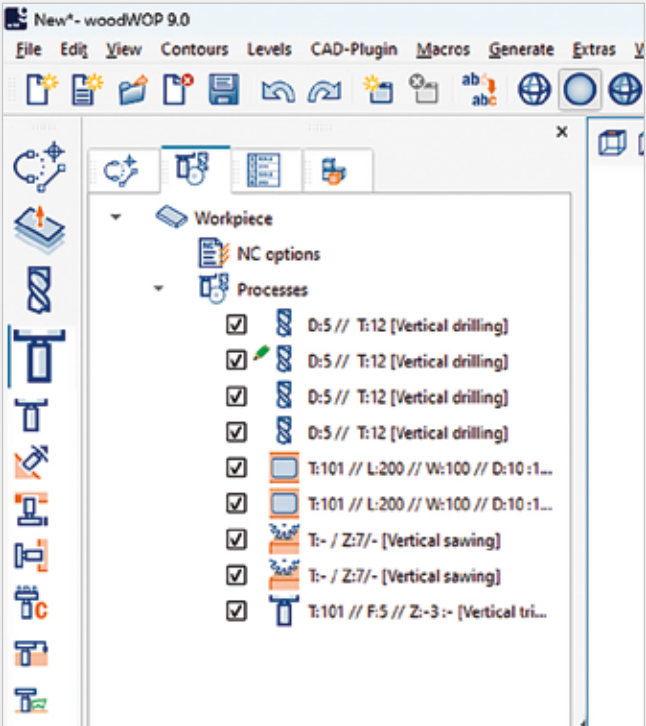

Dark Mode

Users now have the option to use woodWOP in dark mode. This increases readability for many users and is more comfortable for the eyes.
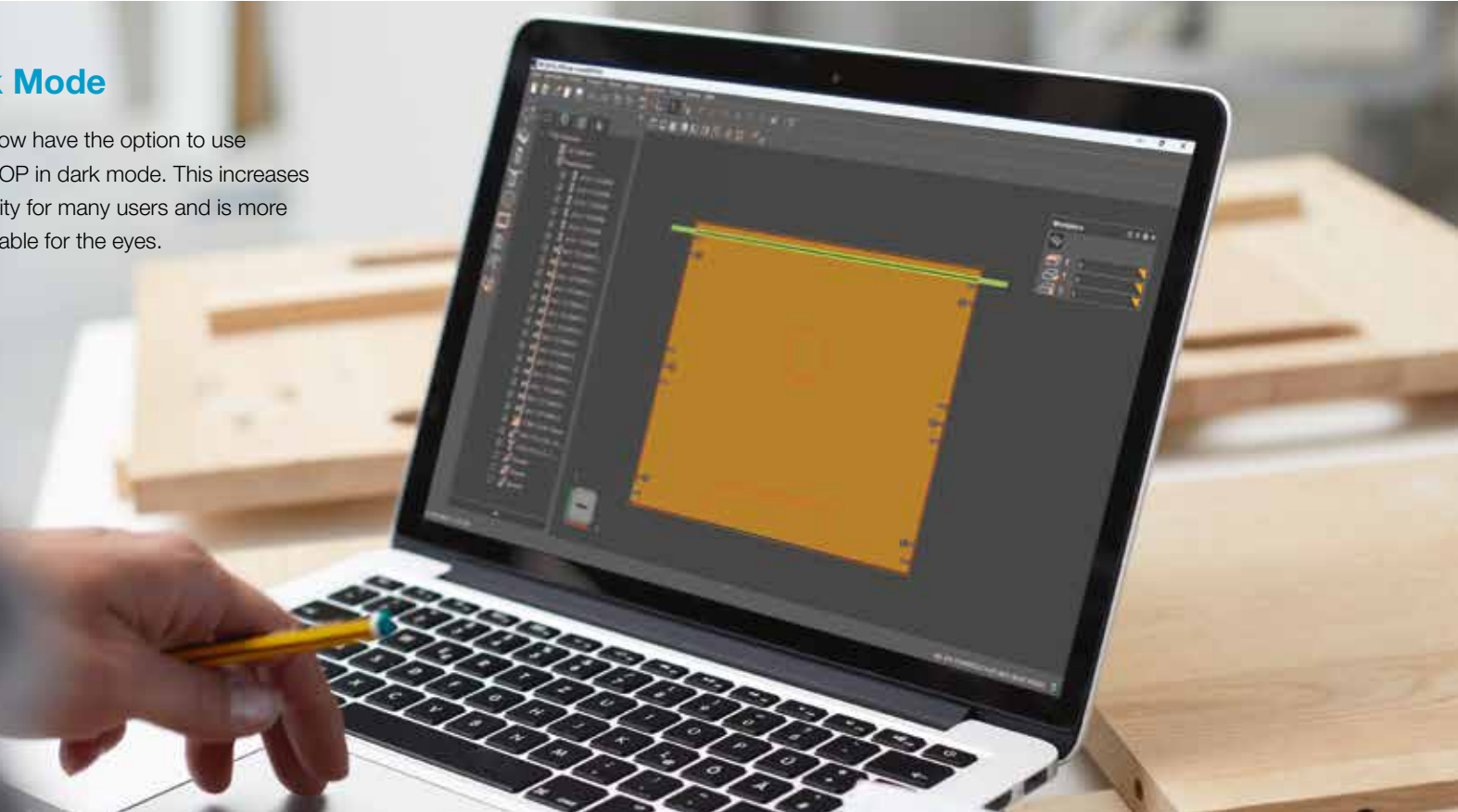
Selecting macros now with a single click

Starting with woodWOP 9.0, macros can be selected for editing with a single click. This is faster and avoids confusion between selected and edited macros.

The new functions

Favorites mode

If you want more space for the workpiece graphics, you can display the parameters in favorites mode. In this mode, only the most important parameters of the macros are displayed. However, the classic parameter dialog with all setting options can be activated with a single click. The favorites mode menu can be individually configured by the user and can either be fixed at a specific position in the workpiece graphic or move along with the selected machining operations.
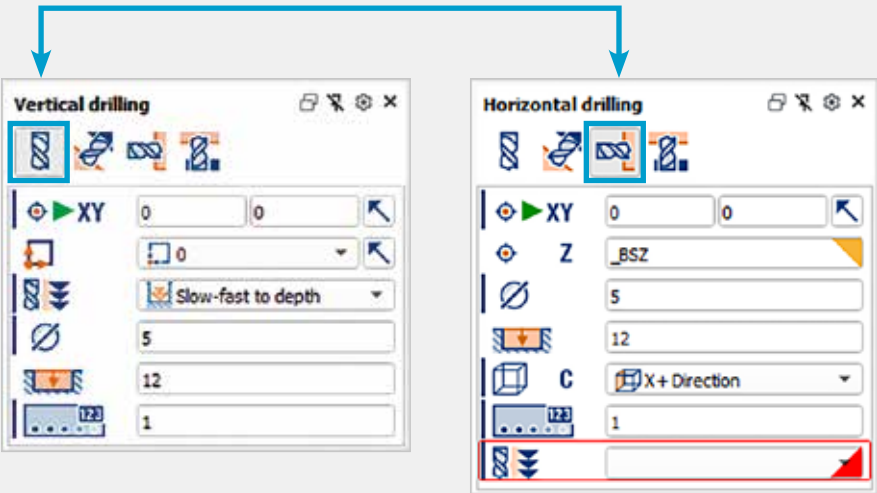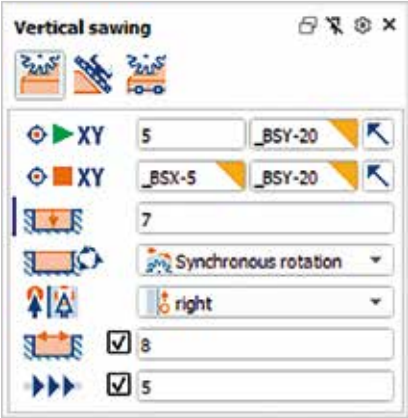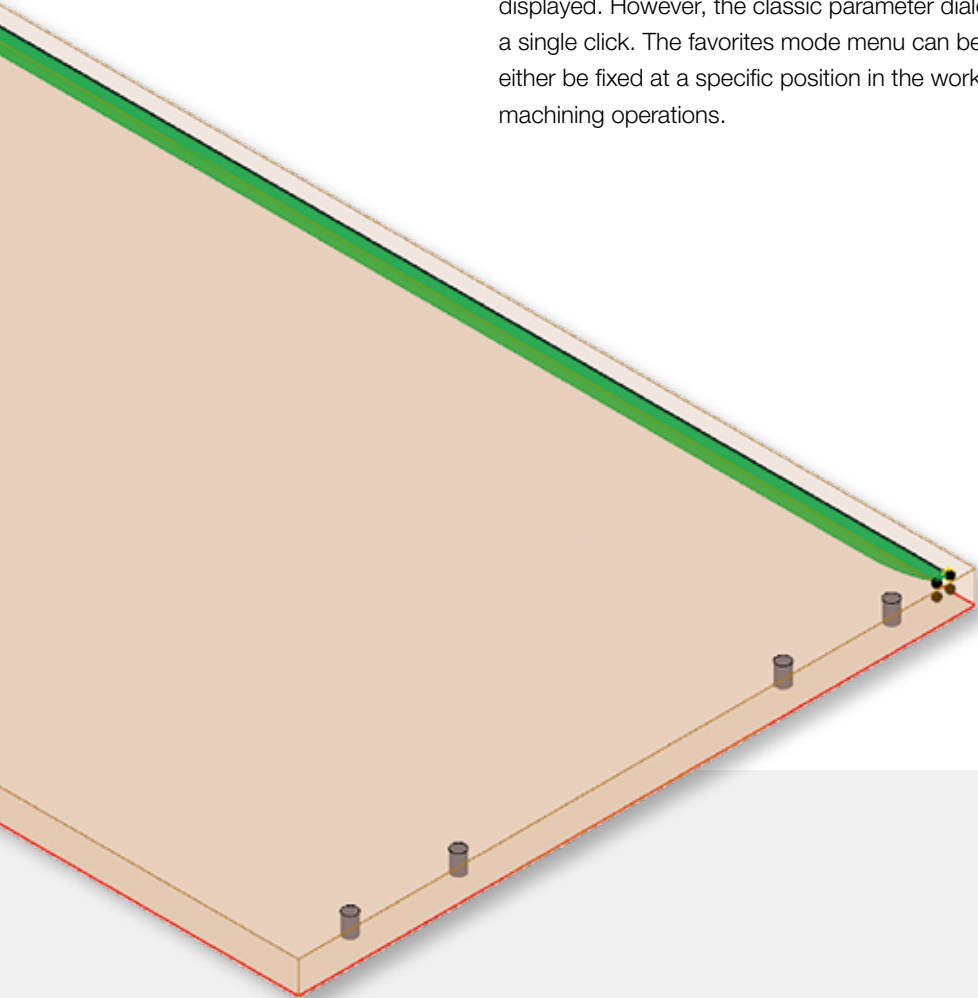

In favorites mode, you can switch within the macro family. This way, a vertical hole becomes a horizontal hole with a single click. Only a few parameters need to be adjusted, such as the drilling mode.
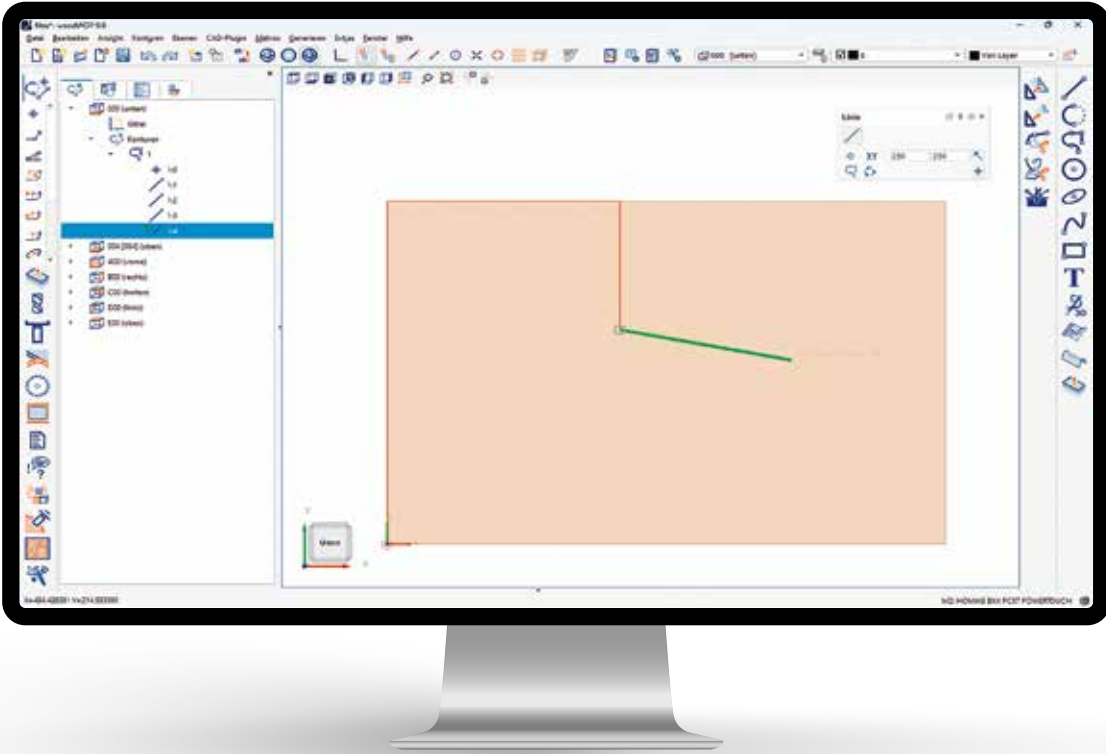
Drag & drop

Drag & drop can save you a lot of time when programming contours. You can assign starting points, lines, arcs, chamfers, rounds, and splits quickly and easily. With woodWOP 9.0, the time required for contour programming is reduced by more than 50%.
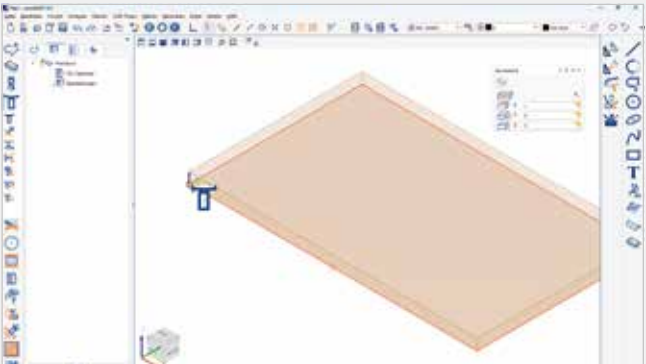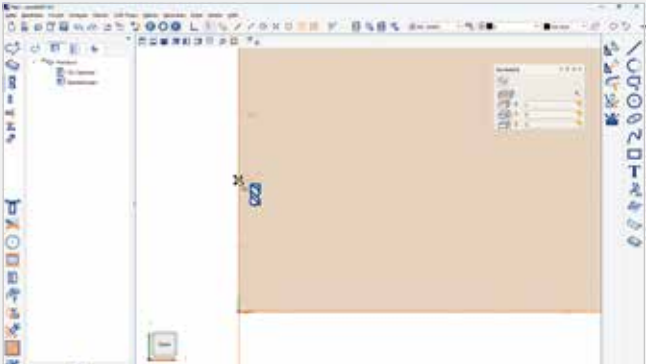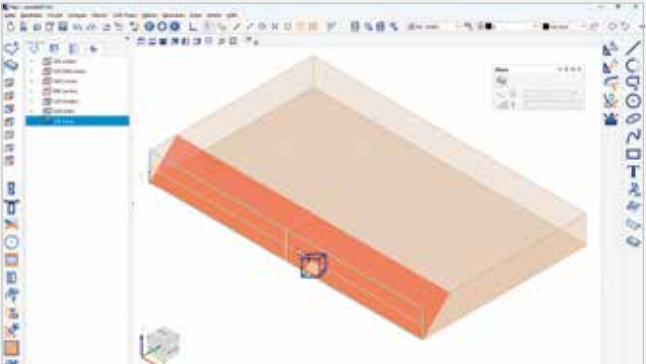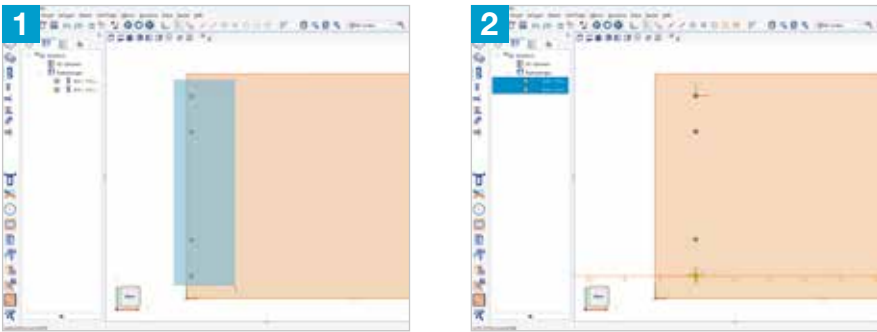

Levels, macros, and components can also be inserted in woodWOP 9.0 via drag & drop. The drop position is automatically used as the insertion point.
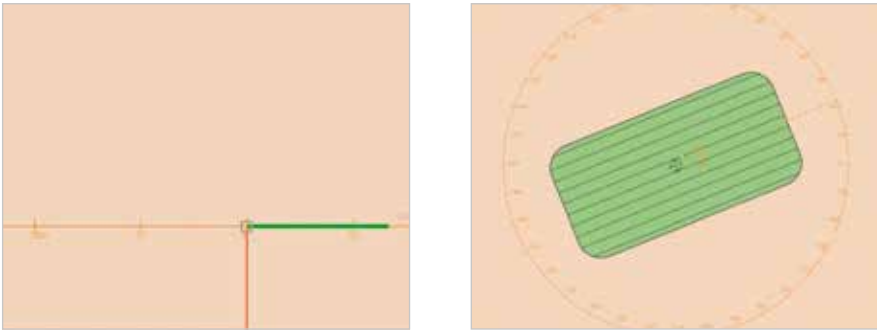
The new functions

Multiselect
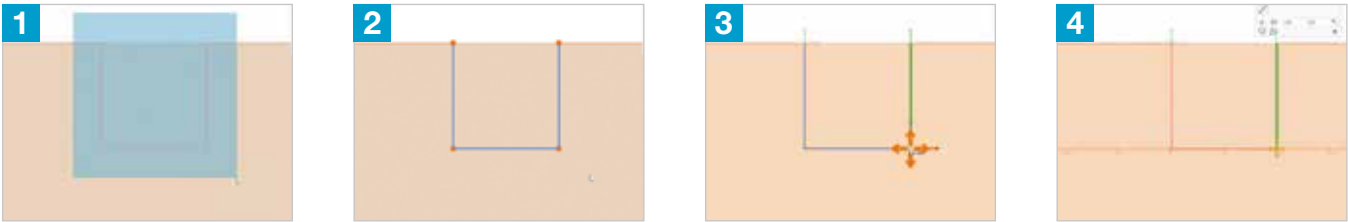
In woodWOP 9.0, contour elements can be selected and moved simultaneously using the new mover. This function allows you to quickly compress or stretch contours.
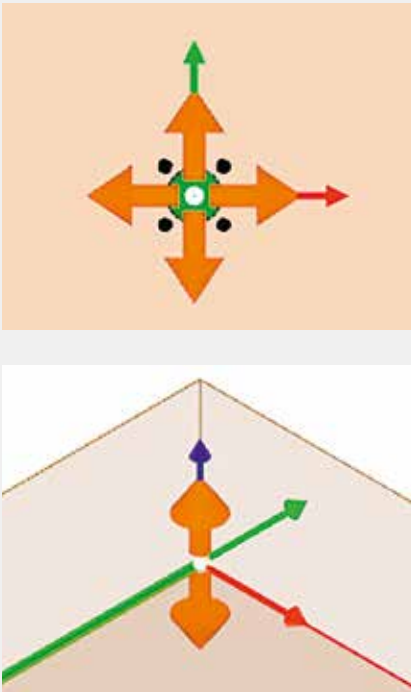

It is now also possible to select and then move multiple macros at the same time.
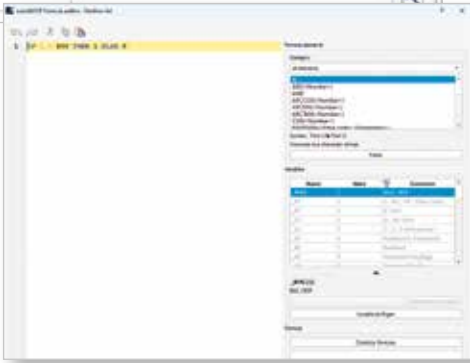
Variables

In woodWOP 9.0 it is possible to hide variables in the form view in the separate column "Hide". The parameter can now be switched on and off as a checkbox or via a formula in the formula editor. This makes the creation of components much easier and more flexible, for example.

Block Macro

There is now even more flexibility in the block macro for the options "position list" and "uneven row". With the new "Use" column, individual items can be activated or deactivated using checkboxes or a formula in the formula editor.

Object snap

Graphics-oriented programming is supported in woodWOP 9.0 by intelligent snap points and lines. The user can find snap points at workpiece corners, CAD elements and machining operations. The temporary snap lines have grids that are more or less visible depending on the zoom level. The rotation mover with angle grid points is available for all angles.
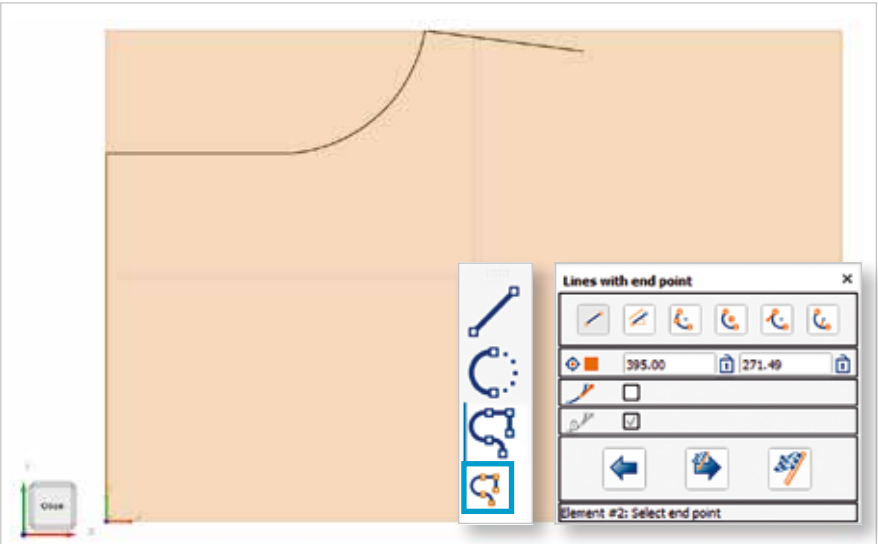
The new mover

The new functions
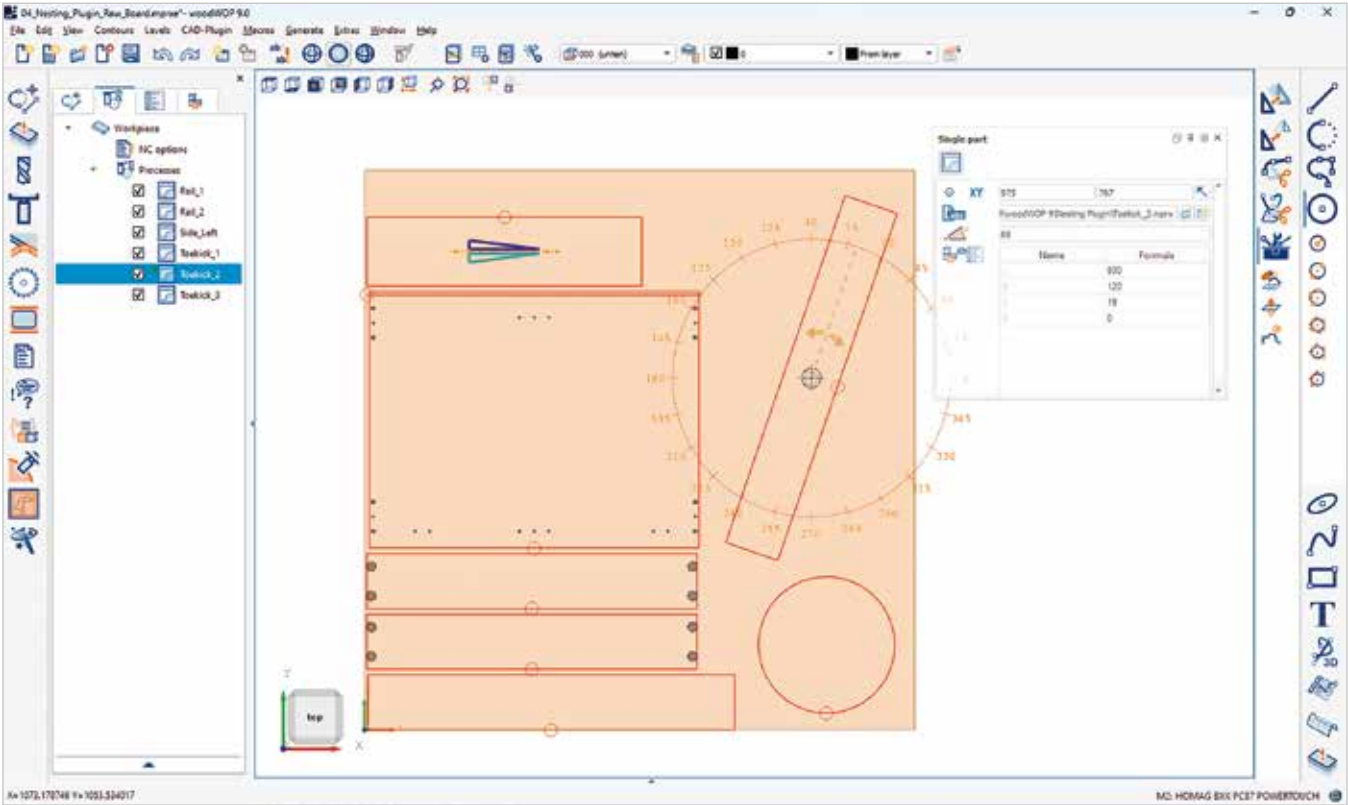
CAD Plugin

In the CAD Plugin, the new option "Line-Arc Sequence" reduces the number of steps when drawing CAD lines and arcs.

Tool track

Starting with woodWOP 9.0, the tool track of the contour macros shows the processing direction by using white arrows. With the start and end point movers, the user can quickly and intuitively adjust the processing by drag & drop.
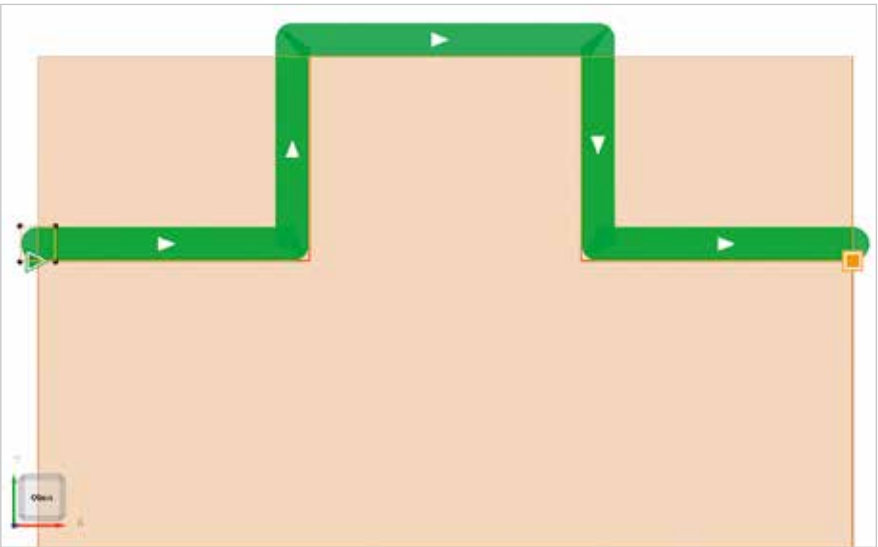

Nesting Plugin

Manual nesting is even easier and faster with the enhancements in the Nesting Plugin. When inserting new parts, the Nesting Plugin makes an automatic position suggestion. For more complex parts, it is now possible to temporarily disable the distance check to achieve better nesting and material utilization. The new Mover is also used in the Nesting Plugin for rotating and moving parts.

Grapical comment

In addition to *.ply files, graphic files such as *.bmp, *.png, or *.jpg can now be loaded into the graphical comment. This allows for better documentation and communication in the manufacturing process.
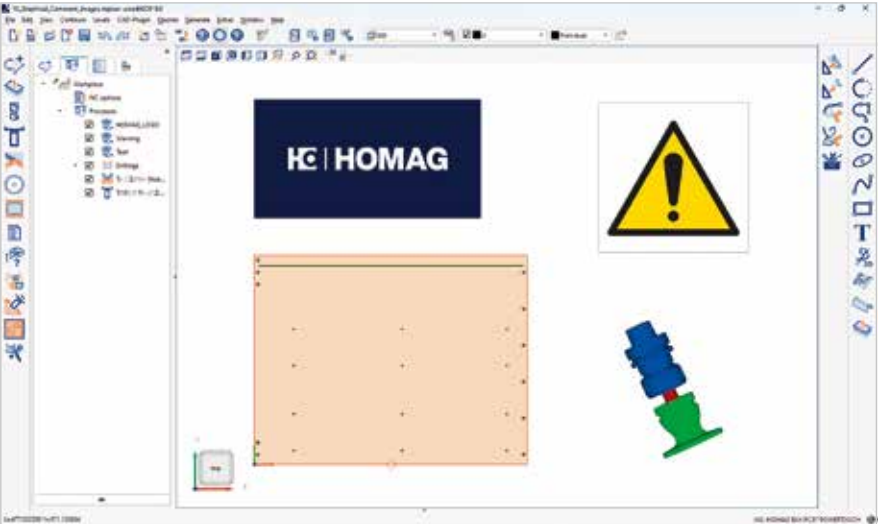
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