

## Hotline-Support KOSY/MCS

Category 3: **Software nccad9**

Description: **What is different and needs getting used to**

**A suggestion to try out – Tick the box when you have tried it out**  --->

### General notes

Don't worry: Different doesn't mean more complicated, you just need to know and get used to it.

Please regard this page as a **suggestion for trying**, therefore only keywords and sometimes short descriptions are given.

### Operation/Surface

Date January 2015

- Start**  
Machine selection and the representation of the machine with automatic assignment of its parameters.  
Und dann die Funktionsauswahl: Bitte erst mal *CAD/CAM 1 Ebene* wählen.
- Workpiece** > 3D-view. Possible to change colour, 2 individual.  
*All can be modified afterwards under icon group Technology WORKPIECE.*
- Mousewheel** > **Zoom** from mouse position to all sides, **rotate**: press mousewheel, move mouse.
- Operator bar** > Many icons to get used to. Please try them out.
- Tree** > „Collect“ the drawing elements in groups, groups instead of layers.
  - Select** choose a drawing element or group for editing
  - Position** shift the position by drag & drop
  - Sort** for assigning machining (Technology)
  - Names** Individual names for parts and groups

**And always recommended: Read the status bar at the bottom.** It tells you „where you are“ and „what the computer wants you to do next“.

### From Drawing to Machining

Date January 2015.

- The process chain**  
Above the function menu the tabs **Start until Machine** are placed.  
It is easy to go forward and backward. *Start* means: call up a new file.
- Dialog box: Drawing elements** > The window appears when you are drawing, you can enter numbers at once.
  - Draw** draw roughly, then edit for exact measures.
  - Orientation** on point, on centre, measures.....
  - Documentation** extra group, **automatically** black, not N° 9.
- Dialog box: Technology** > The window appears at once, with assignment to tree.
  - Groups instead of layers** increased numbers.
  - No n° 0** replaced by group technology
  - Explanatory windows** when going to a field, to inactivate,
- Simulation with NC-Code** > clear depiction, course of operation can be well analyzed.
  - 3D view** use mouse wheel
  - NC Code** is depicted.
  - Single steps** a *slider* as aid
  - Cont. Correct.** original contour remains visible
- Contours and pockets** > Assignment to groups and automatic assignment
  - Isles** More, isles in each other, special cases.
  - Direction** Try out, test by simulation.

## Draw and Edit

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- Import drawings from nccad6/7x**  
Layers to groups, check technology assignment, simulation as test.  
In a few cases it is necessary to rework some drawings.
- NC-Editor** > Different window arrangement, extended operation, set tabulator.
  - Syntax-Check** can be inactivated
  - Cycles** special, can be inactivated.
- Symbols** > Different assignment in tree and branch, selective composition.
  - Dissolve** try
  - Shift** via drag & drop in other groups
- Modified drawing functions** > Another operation.
  - Convert** all conversion functions
  - Engraving texts** visible at once
  - Font height** extended settings
  - PCBs** for electronic technicians

## Help

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- Menu Help**  
Videos and slide assistants, generation of service files, installation wizard, link to MAX-HomePage.
- Expansion of limits** > According to versions. See list *Modules and Data*. Since **nccad9a**:
  - Undo** more actions can be undone
  - Up to 5 files** but without copying each other
  - Up to 30 groups** much more than layers
  - NC-lines** huge number, depending on storage capacity, for 3D
- Memory organisation** > corresponding to new operating systems Windows 7/8.
  - Parameters file** universal assignment
  - Public** examples
  - Application** mill, print, scan and global.
  - Network** mind the operation systems
  - Folders** see menu *Parameters/Files/Select folder*.

## Help

It may happen that you do not know how to understand it and how to do it. No problem: Use our help pages in the menu *Help/Help topics*.