



Your road to complete a work top with the COBUS cad/cam solutions

The Work Top Trade Solution is a package which was created especially for the requirements of work top manufacturers. Just like the other trade solutions this is an extension of the basic module of the COBUS cad/cam solutions for a certain woodworking trade.

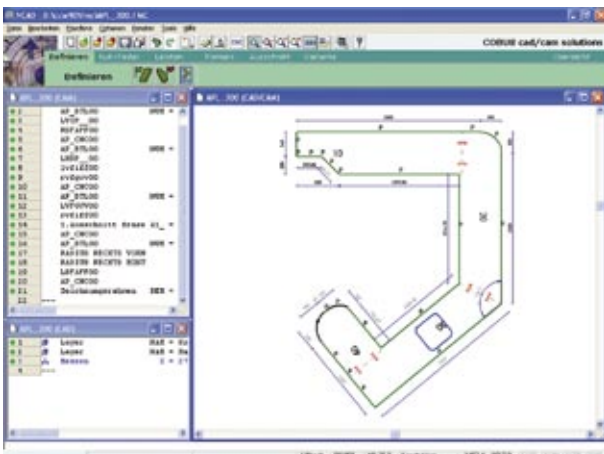
Within the COBUS trade solutions we differentiate between the aspects of construction/graphical display and manufacturing. Thus, the Work Top Trade Solution has been divided into a CAD and a CAM solution. The CAD part allows easiest graphical editing, with the CAM part individual work tops may be manufactured quickly and efficiently. Both parts can be combined with each other.

In previous years we have integrated well directed trade knowledge into the COBUS cad/cam solutions. Customer suggestions are welcome to our developers and get implemented. This results in close customer relationships and trade specific solutions which include expert knowledge of products and their manufacturing.

The original work top trade solution CAM allows the processing of one work top.

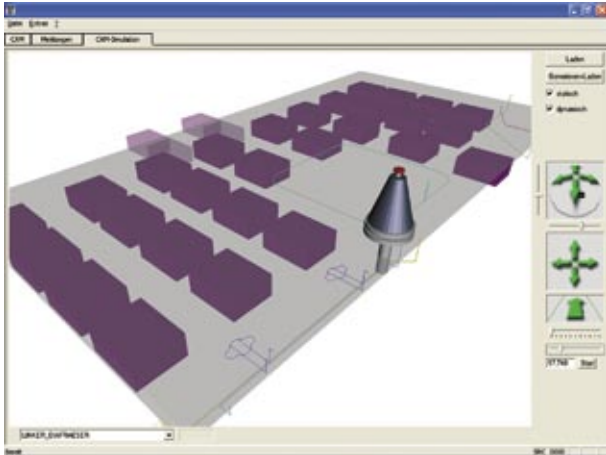
A customer requirement - to make the combination visible on the display when working with connected work tops and to be able to edit the construction - led to the present-day Work top trade solution cad. It offers specialized commands which make all trade specific CNC-processing steps very comfortable. More than that: It also covers further leading requirements, e.g. creation of drawings and accompanying documents for the production.

Also the gaps between order records and CNC-manufacturing can be filled easily and efficiently with the trade solutions of the COBUS cad/cam solutions, by integrating ERP/PPC-systems like infor:com for example. Global order data are then exchanged between the two systems, thus, they only have to be recorded once.



3D-Simulation

With the 3d simulation you can create a three-dimensional model of work piece and processings. Special tool models can be included as well. This way you can, for example, watch the animated movement of a routing tool along the programmed path on the monitor.



We distinguish two ways of displaying a process:

1. Static display: a presentation of a process that does not change.
2. Dynamic display: changing presentation of a process, for example the animated movement of a routing tool along the programmed path.

COBUS integrated web services - from web to machine

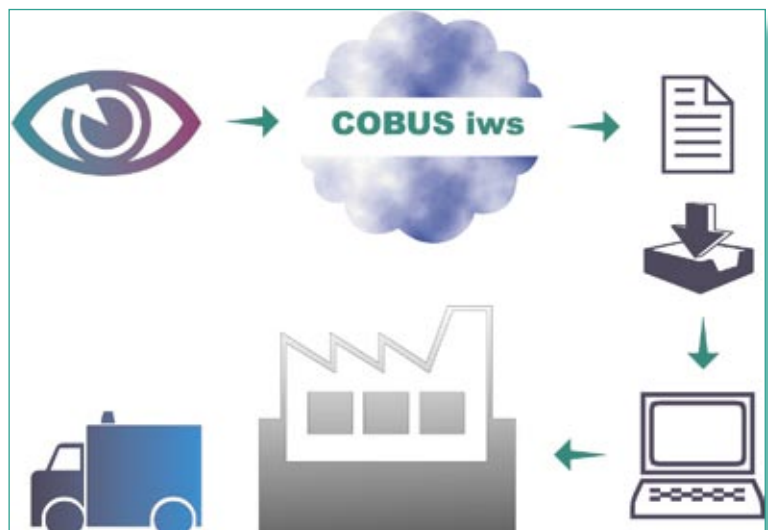
Web-ability is a modern requirement. In our time, which is stamped by time pressure, more and more customers use the internet as a fast way to get product information and even purchase the products. Information must be ready at hand immediately and ordering has to be as simple as possible.

With the web-tool **COBUS integrated web services** (COBUS iws) you can now offer your products on the internet.

It has been conceived for trades who produce to individual customers' desires. The customer can bring in his/her ideas online, and transmit them to the producer directly via the internet.

It is possible, for example, that a work top manufacturer offers products on the internet, where the customer can bring in individual requirements for a work top or a work top combination. The user can select a surface type from the product stock, indicate dimensions, and cutouts, and can have the work top designed directly at the computer, live, and online. The CAD-system works in the background and creates the construction drawing, from which the necessary production data can be generated. The work-piece drawing can also be printed.

The construction data which were generated online are transferred to the order recording system of the manufacturer via COBUS iws. There, the order is processed further and passed on to the COBUS cad/cam solutions. From this data the elementary NCAD-module automatically creates the necessary CNC-program. All this happens online and at once.



Trade solution work tops - application in DIY-stores

COBUS ConCept has developed a work top solution, together with a well-known work top manufacturer, which is supposed to ease the life of sales personnel and customers of DIY-stores.

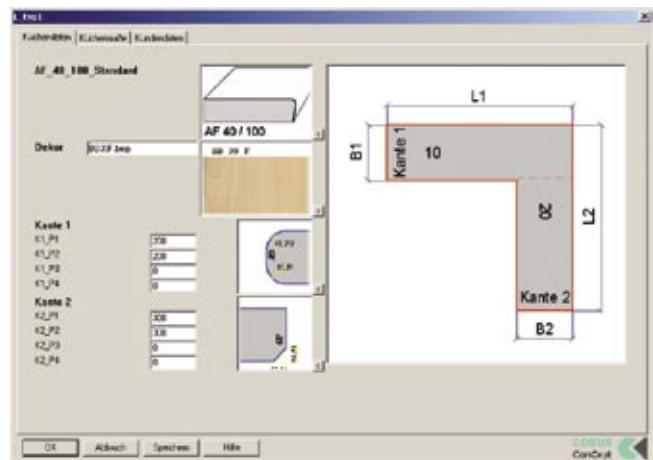
The versatile options of normal work top cad are not necessary in DIY-stores, because the requirements here are mainly for simple standard work tops for L- or U-formed kitchens. There is rather a need for simple and quick recording of part and customer data. So the menus were restructured and a user friendly, easy to handle version of the work top cad solution was created which is used by the DIY-store customer together with the sales person, in order to record the data for the work top there and then.

A drawing is created from the entered dimensions and customer data, and then the order can directly be transferred online or by fax to the manufacturer. The DIY-store solution additionally allows the calculation of prices. In order to do so the system uses a spreadsheet, in which material and processing costs are recorded.

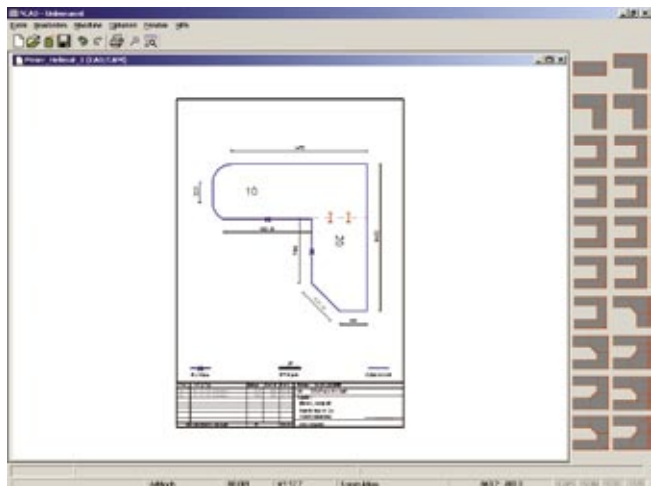
This trade solution is meant to be applied in all DIY-stores.

Conclusion: All three solutions are based on the same foundation and can all be combined according to individual requirements. Thus, this system is very versatile in its application.

Your decision for the COBUS cad/cam solutions gives you the certitude to have found a flexible system and a reliable partner. With this solution you can always react to the special needs of your customers.



Recording the data at the terminal display (DIY-store)



Result at the terminal-display (DIY-store):
The drawing for the customer resp. for the order to the manufacturer

We shall be happy to send you more detailed information:

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