

Production and Machines

... Find out more about this Global Concept solution ...

cadwork Machine is complementary to the 3D and is used for the preparation of 3D data for the CNC woodworking centers. The user has an automatic recognition of the parts' geometry and can quickly transfer these data to the machine. Standard jobs are therefore facilitated.

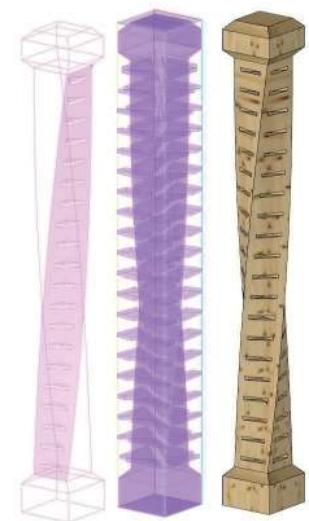
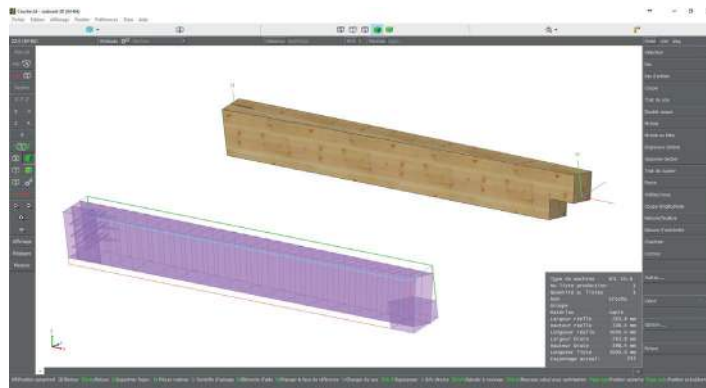
Substantiate the full power of the 3D cadwork engine thanks to the machine transfer.

For a long time, architecture software has allowed us to generate free forms that have become more and more complex over time. However, so far, in the execution phase, "specialized" software would not give this degree of freedom both for design and manufacturing (control of CNC machines).

cadwork makes it possible to fill this gap between the complex architectural ideas and its realization into a real project. Spectacular projects such as the Centre Pompidou in Metz and the Pavillon France at the Universal Exhibition in Milan are the most convincing examples.



cadwork, the most communicating wood building software



The cadwork 3D engine offers many possibilities to import data from other software, in the most common formats (DXF / DWG, SAT, etc ...) as well as the best performance formats (IFC). You can get and use some three-dimensional volumes ready to be converted into machine data.

This is a tremendous asset that allows you to work with partners using third-party software and with which you will be assured that compatibility is possible through the most suitable file format.

It is no longer necessary to remodel what has already been modeled before! This saves a considerable amount of time in the execution phase and you are certain to transmit the right geometry of the project you were given to the CNC machine.



{ the pros
making the
difference }

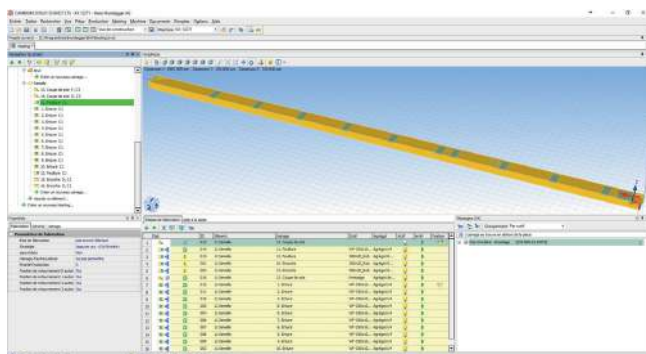
- ▼ Advanced solution
- ▼ Support and tips
- ▼ Privileged follow-up
- ▼ Professionalism
- ▼ Continuing education



The cadwork machine transfer: currently the most efficient on the market

Each volumetric element freely drawn in cadwork 3D is analyzed by an algorithm for recognizing the shape, which will place on each piece of wood the most appropriate processes, depending on the geometry and the position of the material to be removed on the rough part.

This pattern recognition grid is modifiable and customizable for each type of machine. Therefore, the resulting machine file is totally adapted to the type and capacities of the selected machine.

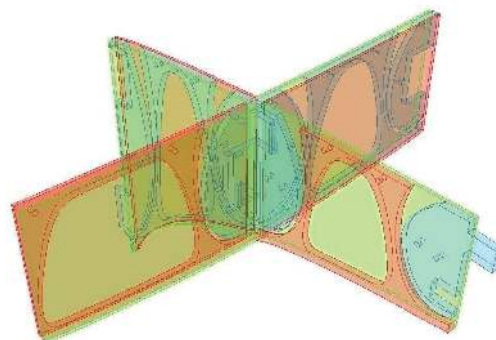


The cadwork machine export is:

- More than 30 brands of compatible cutting machines
- Full compatibility with cutting centers and leading CAM vendors on the market
- Export to BTL and BTLxml universal formats, accessible to all cutting machine manufacturers
- Constant developments allowing for the greatest flexibility and user-friendliness
- The tool used by most lamellists
- The recognition of processes, from the most basic to the most complex, from the simple end cut to the 5-axis contour
- A recognition of the processes that does not replace the performance of your cutting center: only the geometry and the parameters of the processes are converted into machine files by cadwork. It is the strategy of the machine that then decides, on its own, the paths and the tools that are the most adapted to carry out each process.
- All the power of the free creation offered by the cadwork 3D engine, converted into machine language thanks to a high performance processing algorithm

• Total control by the operator of the data transmitted to the cutting machine thanks to the individual control of the parts: the operator can at any time modify the recognition of a process to adapt it to the working habits of the company if needed.

• A transfer that will allow you to control your machine in the best conditions, whatever construction system you use: framing, prefabricated, traditional, timberframe, log, CLT, etc ... but also adapted to the panel work in the woodworking field.



Test the cadwork machine transfer before acquiring your machine.

Before deciding to purchase a cutting machine, cadwork offers you the opportunity to test the transfer for free for 2 months.

Test the cadwork machine export in real conditions for the realization of your projects. We pledge transparency and mutual collaboration with confidence.

cadwork associated with your cutting center is the insurance for the most effective and most complete compatibility currently in the CNC machining field.

Examples of cutting machines compatible with cadwork:

- | | | | |
|------------------|--------------|-----------|--------------|
| > Hundegger | > Schmidler | > CMS | > SCM |
| > Routech | > Biesse | > Essetre | > Stromab |
| > Baljer&Zembrod | > Uniteam | > Burmek | > Morbidelli |
| > Krüsi | > Weinmann | > Randek | > etc ... |
| > Krusimatic | > Lignamatic | > Maka | |

Simple and intuitive software

Efficiency - Flexibility - Speed - Quality.

The flexibility, speed and quality of the preparation are today essential to any company wishing to keep up with the competition. The numerous possibilities of cadwork and its simplicity make it an indispensable tool allowing you to strengthen your position on the market.

"Try and buy option:

Following a 2-day training course, you will benefit from a 2-month free trial installation, without obligation to purchase. During this time, you have access to the modules of the full version of the software and all our services, including phone support."

OFFER
2 months trial
FREE
without obligation
to purchase

The confidence of our clients, our international presence, the experience and expertise of our team guarantee a safe investment.