

# WE WOODEXPERT

3D CAD software for furniture design and manufacturing



CERTIFIED  
Solution  
Partner

 SOLIDWORKS

COMPATIBLE WITH  SOLIDWORKS



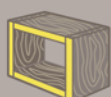
Optimization through automation - discover an intuitive 3D CAD software designed to increase the productivity and work comfort in the furniture and woodworking industry.

WOODEXPERT supports all stages of working on a furniture project, including: 3D modeling, generation of 2D documentation, bills of materials, cost estimates, production reports and the process of preparing packages for safe storage and transportation.

# Try 1 month free!

free DEMO download

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woodexpert3d.com



DESIGN

## DESIGN

Smooth workflow is the key to productivity, so the interface is arranged in a clear, easy-to-use way according to the natural flow of users' activities. 3D modeling with WOODEXPERT is all about easy editing. With perfectly designed material management the software detects errors and allows you to fix them quicker than ever. As a result, you eliminate the risk of material losses in the production process.



DOCUMENTATION

## 2D DOCUMENTATION

Allows for instant generation of 2D documentation. With one click, automatically, you create subassembly drawings with the data necessary for production: any number of views, dimensions, CAM format, veneers, edgebanding, grain direction.



BOM MANAGER

## BOM MANAGER

Generates all the data necessary for product pricing and production. In addition to the bill of materials, it has been enhanced with the packaging function. You can share the project data with parties who don't have WOODEXPERT - as an html report or 3D pdf.



CAM

## CAM

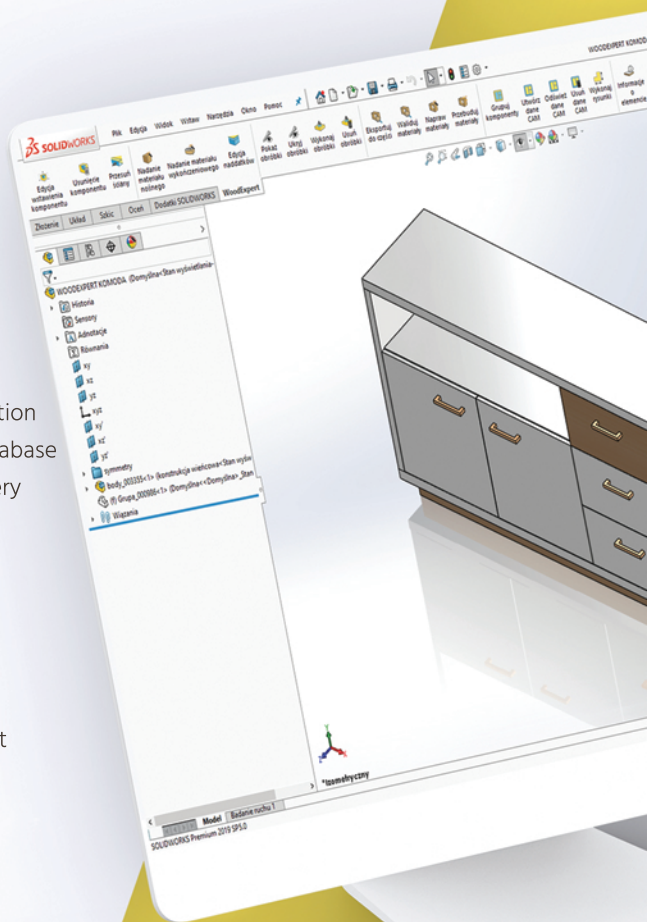
Automation is the key. WOODEXPERT gives you a smooth transition from design to production. CAM is based on a technological database which allows you to set up standard strategies and tools for every machine in our factory. All programs are created automatically, but with the ability to adjust parameters and paths as needed.



NESTING

## NESTING

The NESTING module allows you to download a list of boards included in the project and assign them to the appropriate sheet based on the given material and board thickness.





# Why choose WOODEXPERT?



## REDUCING WORKING TIME

The furniture design process should be quick, easy and error-free. When creating WOODEXPERT we focused on reducing the number of steps performed during furniture modeling as much as possible. In our software you can easily generate drawings, custom material lists and programs with only three clicks. It will help you to reduce time of preparing data more than 95%.



## INTEGRATION WITH ERP AND PDM SYSTEMS

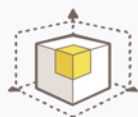
Created with Industry 4.0 idea in mind, the software is perfectly suited to the integration of intelligent machines, systems and processes. The structure of the created files and data allows for easy integration with ERP and PDM systems.



## COST REDUCTION

Reducing designing time and limiting errors occurring in the production lower yours operating costs, which in turn contributes to increasing the competitiveness of the company on the market.

Make your work faster, more convenient and efficient thanks to:



### INTELLIGENT COMPONENT INSERTION

allows quick prototyping and easy editing of the inserted components.



### ASSISTED ASSIGNMENT OF CORE AND FINISHING MATERIALS

quickly assign materials to designated parts according to a user-defined scheme.



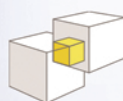
### SURPLUSES WITH PREVIEW

gives the possibility to control the technological allowances of bearing and finishing materials and the angle of the grain.



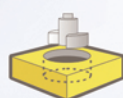
### MATERIAL LEGEND WITH VARIANTS

you can create material legends and expand them with further color variants.



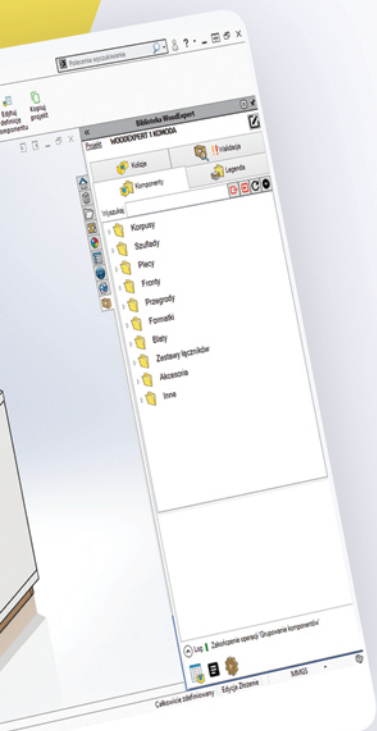
### TECHNOLOGICAL COLLISION DETECTION

allows you to detect collisions between components of an assembly and categorize them to avoid manufacturing errors early on in the prototyping.



### HOLE FOR FASTENERS

"Execute machining" operation transfers the machining of fittings and accessories to the board hole. Changing dimensions or machining configurations transfers them to the model.





SOLIDEXPERT is a team of over 100 people specializing in providing CAD / CAM / PDM / ERP solutions for a group of more than 3500 clients.

We cooperate with universities and scientific institutions, we provide services in the field of robotics, CNC machining and have training centers throughout Poland. We are not only a SOLIDWORKS and 3DEXPERIENCE portfolio reseller, but also a developer of many proprietary solutions, including the WOODEXPERT - 3D CAD software for furniture design and manufacturing.

## **WE** WOODEXPERT

Automation is the key. WOODEXPERT gives you smooth transition from the design to the production phase. Automation not only reduces work time and eliminates human mistakes, but also unifies all documentation. By integrating WOODEXPERT with SOLIDWORKS, you'll instantly generate NC code for any numeric machine, and the built-in component packaging tool will help you prepare packages of finished furniture for safe storage and transport.

Save your time and money, improve the product quality and accelerate business growth.



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