



by EFICAD

WOODWORKING CAD/CAM SOFTWARE

FROM DESIGN TO MANUFACTURING

www.swood.eficad.com

SWOOD Portfolio

A COMPLETE CAD/CAM SOLUTION FROM DESIGN TO MANUFACTURING

SWOOD portfolio is composed of 5 solutions which are SWOOD Design, SWOOD CAM, SWOOD Nesting, SWOOD Center and SWOOD BW (Beam & Wall). Each of these products tackles different aspects of the woodworking process.

01

DESIGN

SWOOD Design helps you make your design process efficient.

02

CAM

Use SWOOD CAM to generate specific CNC programs to manufacture the designs that you created.

03

NESTING

SWOOD Nesting, being an add-on to SWOOD CAM, optimizes your nesting process and reduce any raw material wastes.

SWOOD covers all the industry needs and thus enables you to succeed in your business at the same time.

04. SWOOD Center enables mass customization by automating the rebuild of your 3D SWOOD models. Drive your design parameters through an automated API system.

CENTER

05. You can even benefit from SWOOD BW to help you with any of your construction or timber based projects.

BW

SWOOD Design deals with the efficiency of the design process. Our CAD solution allows you to design your projects in a 3D environment using parametric modelling and drag and drop insertion.

SWOOD Design allows you to quickly model furniture, furnishings, interior fittings, and others, by using features dedicated to the woodworking industry in SOLIDWORKS.



01 SWOODBOX

SWOODBoxes are SOLIDWORKS parametric sub-assemblies that allow you to drag-and-drop hardware elements such as drawers, hinges, shelves, dividers, cable grommets and any 3D elements you wish to reuse (including using SOLIDWORKS functions such as sheet metal or weldment tools). The machining associated with these components are also included.

02 CONNECTORS

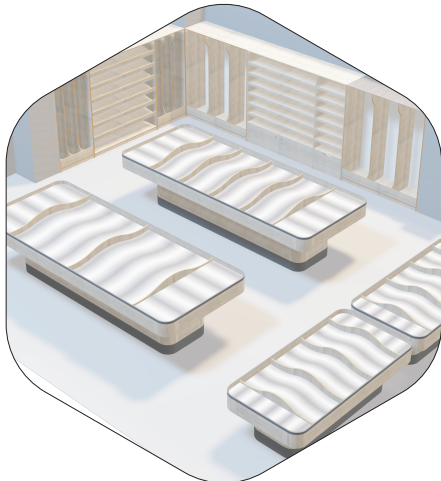
Allows you to add assembly functions such as Lamellos, dowels, excentrics, tenons / mortises, etc. to your projects by automatically detecting the contact surfaces between your panels and wood parts and by controlling them via parametric functions.



03

MATERIAL MANAGEMENT

With SWOOD Design, you can manage all the parameters related to the wood material such as the direction of the grain, the thickness of the panel, the extensions of the stock, the curved panels, the multi-layered panels, and the components such as edgebands or laminate by simple drag and drop.



04

LAYOUT MODE

Create entire rooms using the layout mode (kitchen, store fitting, dressing room, etc.) by reusing your frames templates and easily change the dimensions of the various pieces of furniture that make up the assembly.

HARDWARES						
Picture	Name	Supplier	Supplier Ref	Qty	Unit Cost	Total
	73615-Default			8	0,32	2,56
	LEGARBOX cabinet profile with BLUMOTION, full extension, 40kg, NL =	Blum	750.5001b	1	0,00	0,00
	LEGARBOX cabinet profile with BLUMOTION, full extension, 70kg, NL =	Blum	753.5001b	1	0,00	0,00
	LEGARBOX Drawer Side, Height F (243.0mm), NL = 500mm, Right + Left, for	Blum	770F50025	1	0,00	0,00
	LEGARBOX Drawer Side, Height M (80.5mm), NL = 500mm, Right + Left, for	Blum	770M50025	1	0,00	0,00
	LEGARBOX Back Fixing Bracket, Height F (257 mm), Right + Left	Blum	287F0005			
	LEGARBOX Back Fixing Bracket, Height M (140 mm), Right + Left	Blum	287M0005			

05

AUTOMATIC DATA EXPORT

Once the design is finished, it is possible to export all the project data: cutting list, hardware list, program list with label information, automatic drawings, bills of material, costs of the different components, optimization software for beam saw export. The export is completely customizable and allows to output documents with various file format : XLS, PDF, CSV, HTML, XML, TXT etc.

SWOOD

by **EFICAD**

CERTIFIED
Gold
Product

 **SOLIDWORKS**

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