

SWOOD Design

SWOOD Design makes it easier to generate your woodworking projects. Design more efficiently with the dedicated SOLIDWORKS plug in, using specialized tools to easily drag and drop features into the parametric system.



SWOOD
DESIGN

Panel Management

- Linear/Curved Panels
- Stock Extension

Material Management

- Drive panel thickness
- Laminates/compounds materials
- Grain Direction

Edgebands/Profiling

- Build and customise your library of Edgebands and profiles
- Apply via a simple drag and drop.

Connectors

Panels can be assembled using connectors/fixture using traditional joinery techniques or mechanical.

The connector library facilitates quick custom design and insertion utilizing a drag/drop technique.

Create and apply insertion rules for parametric intelligence.

SWOODBox

A SWOODBox is a parametric assembly adaptable to an area. Use/add to your library of reusable assemblies to create a multitude of design scenarios. This unique feature enables easy insertion of doors, drawers, shelves etc. including supporting hardware and machining of adjacent parts.

SWOOD Frames

SWOOD Frames are parametric assemblies used as a basis for SWOOD Boxes. Frames can easily be generated using the dedicated panel insertion tool, automating the process of adding mates and associated dimensions.

Layout

Insert your cabinet and link the dimensions to a layout sketch, to effortlessly create a main assembly of your design. Use the layout dimensions to manipulate and parametrically update the assemblies below (SWOOD Frames and Boxes).

Reporting

Customisable document:

- Cutting list
- Hardware list
- Labels

Miscellaneous

- SOLIDWORKS PDM Integration
- SWOOD Center