

SWOOD CAM

**SWOOD CAM manages NC machines dedicated to woodworking and their technologies.
Create your programs and production documents directly inside SolidWorks.**

Fully integrated into SolidWorks

- Manufacturing treeview in Feature Manager
- Tools, Agregates and Machining Macros libraries in Task Pane
- Insert library items by drag & drop
- Machining simulation in SolidWorks view including machine environment
- Panel and worktable devices positioning in SolidWorks view

Technology

- Multiple spindles, multiple drilling aggregate and horizontal spindle
- Multiple head
- Chip suction and deflector management
- Automatic modulation of feed speed according to grain direction
- Blocked on flat table or with consoles and suction cups
- Laser projection
- Multiple positioning
- Parametric worktable management
- Woodworking specific operations: grooving, sawing, mortising, tenoning
- Nesting module as an option

Encoding

- Numerous NC machines already managed thanks to customisable machine code
 - HOMAG
 - SCM
 - BIESSE
 - IMA
 - MASTERWOOD
 - ...
- Time file export
- Batch encoding and full project exporting
- Customized production documents generation (Cut list, Hardware list, Labels, ...)

Associativity

- Full associativity between SolidWorks geometric entities and machining
- Additional machining rules defined using configuration, custom properties and features status.
- Automatic and optimised drilling with drilling aggregate

Machining and producing woodworking inside SolidWorks