

1998-2018

Solidxperts



SWOOD CAM *by Eficad*

Thought for woodworking machines



Fully integrated into SOLIDWORKS

- Manufacturing treeview in the Feature Manager
- Tools, aggregates and machining macros libraries in the task pane
- Insert library items by drag & drop
- Machining simulation in the **SOLIDWORKS** view including machine environment
- Panel and worktable devices positioning in **SOLIDWORKS** view

Technology

- Multiple spindles, multiple drilling aggregate and horizontal spindle
- Multiple head
- Suction hood 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
- 3, 4 et 5 axis machining
- Woodworking cycle: grooving, sawing, mortising, tenoning
- Nesting

Encoding

- Numerous NC machines already managed thanks to customisable machine code, such as BIESSE, HOMAG, IMA, MASTERWOOD, SCM and more.
- Time file export

Reporting

- Customized production documents generation (Cut list, Programs list, Tools list, Labels with barcode)
- Batch encoding and full project reporting

Associativity

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



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