SWOOD CAM

SWOOD CAM manages NC machines dedicated to woodworking and their technologies. Generate your programs and production documents directly inside SOLIDWORKS, using specialised tools.

SWOOD CAM

SWOOD CAM Library

Generate and customise your library by adding various tools and aggregates.

Multiple and horizontal spindles can easily be generated in the aggregates wizard.

Utilise machining macros to quickly apply operations via drag and drop.

Fully Integrated into SOLIDWORKS

- Manufacturing Tools in the Feature Manager
- Machining simulation in SOLIDWORKS view including machine environment
- Material removal simulation
- Parametric tool paths associated with SOLIDWORKS

Technology

- 3, 4 & 5 axis machining
- Automatic feature recognition – Contour, Drill, Pocket, Groove & more
- Automatic modulation of feed speed according to grain direction
- Multiple datum definition
- Flat bed or pod and rail machine compatible
- Laser layout projection
- Suction hood management
- Parametric worktable management
- Nesting module as an option

Encoding

- Part and assembly programming
- Multiple machine language outputs
- Compatible with a range of machine manufacturers:
  - » BIESSE
  - » HOMAG
  - » SCM

Reporting

Customisable document:

- Program list
- Tool list
- Program labels