



ModuleWorks

Get There Faster.

Woodwork Component

Industry-proven CAD/CAM software components for woodworking applications providing high-quality 5-axis machining, 3-axis machining and simulation of the part and machine. Cost-effective implementation of milling and turning operations as well as 3D printing.



Sculptured Machining

Key Benefits

- State-of-the-art technology
- Proven in the woodwork industry
- Easy to use
- Cost-effective implementation
- Milling for 3+5-axis routers
- Turning for lathes
- Applications (beam, rotary)
- 3D printing
- Machine simulation with material removal



Beam Machining

Material Removal Simulation

- Supports all milling operations
- Multiple tool engagement (drill blocks)
- Cutting with saws
- Optimization for large panel parts
- Form tools, incl. concave shapes
- Wood textures

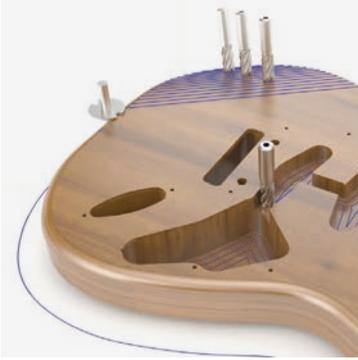


Door Production

Machine Tool Simulation

- Full kinematic machine model
- Advanced collision detection
- Replaceable/multiple heads
- Vacuum pods to hold plates
- Flexible CL file-based simulation
- Time-based simulation

Fact Sheet: Woodwork Component



2D Roughing + Finishing

Sign Making and Reliefs

- Engraving
- Wrapping

Beams

- 6-Axis output
- Saw machining

Cabinets, Doors and Windows

- Prismatic roughing and finishing
- Drilling



Relief Machining

Sculptured Surfaces

- Advanced roughing options
- Wide range of finishing cycles, including parallel cuts, z-level, constant cusp, projection and pencil machining
- Full 3+2-axis support



Handrail Production

5-Axis Routers

- Wide range of cycles
- Full collision control
- Inverse kinematics to calculate machine angles
- Variety of approach and link options
- SWARF cutting based on curve geometry
- Outer and inner corner handling

For information on other CAD/CAM components, including 3-axis and 5-axis toolpaths, visit:

www.moduleworks.com



ModuleWorks

ModuleWorks GmbH
Aachen, Germany
Tel: +49 241 99 000 40
info@moduleworks.com
www.moduleworks.com

ModuleWorks Japan
Fujisawa, Japan
Tel: +81 466 54 9144
hashimoto.h@moduleworks.com
www.moduleworks.com



Sign up for our Newsletter at:
www.moduleworks.com