

BIM FOR TIMBER DESIGN

bocad **Timber**

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Target market:

- Carpentries, wood construction companies and cutting centres
- Glulam industry and timber engineering
- Prefabricated and log house producers
- Manufacturers for wall, ceiling and roof elements
- Hall construction and commercial buildings
- Design and engineering offices

Projects:

- Halls and complex roof landscapes
- Prefabricated houses, buildings in timber frame construction
- Carports, log and summer houses
- Wall, ceiling and roof elements
- Bridges, towers, special structures
- And many others

You expect...

- Automatic workflow
- Error minimization
- Scheduling and calculation reliability
- Availability of all order data
- Continuous data flow for fabrication
- Adaptation to existing work routines
- Interface to planning software
- Solutions for complex 3D challenges
- Accurate and complete manufacturing and assembly documents
- Support in the work preparation
- Fast preparation of drawings
- Processing of large scale projects
- Easy handling

We offer...

- Working on any number of views, sections, and spatial representations
- Entity of 3D model and drawing
- BIM oriented planning and design
- Automated construction connections
- Simplified profile input
- Automated BOM and cutting lists
- Automated workshop drawings
- Definition of individual profiles, connections and standards
- Extensive control of construction and assembly
- Presetting of manufacturing lines
- Administration of construction and assembly phases
- Direct machine control
- Material optimisation

Modules:

- Joining (timber connections and connectors)
- Wall panelization and log house construction
- Roof structures and roof panelization
- Ceiling construction and ceiling panelization
- Solid wood and cross laminated elements
- Glued laminated beams
- Lamella grading
- Bracings, connections and tension rod systems
- Concrete designer
- Steel with automatic connections for steel
- Automatic marking
- Automatic drawings and bills of materials (BOM)
- Delivery notes and Edit
- Bar and plate nesting

Interfaces:

- IFC
- DXF, DWG, DXF-3D
- 3D PDF
- DGN
- SDFN
- Mechanicad (STEP, IGES)
- HLI
- DSTV-NC, -PSS, -Statics, -Bills of Materials (BOM)
- BTL
- Hundegger (optional)
- Weinmann (optional)