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BIM FOR INDUSTRIAL AND GLASS FACADES

bocad
Roof and Wall

SCHULLER & Company GmbH

Mergenthalerallee 15-21
65760 Eschborn
Germany

Tel +49 6196 700 8301
sales.bocad@schullerco.com
schullerandcompany.com

Target market:

- Engineering offices for structural steel, industrial facades and glazing / metal constructions
- Design offices for structural steel, industrial facades and glazing / metal constructions
- Steel construction companies with or without NC production, industrial facades and glazing / metal constructions
- Full-service providers for halls
- Metal construction companies

Projects:

- All types of halls including cladding
- Glass facades and skylight domes
- Conservatories and greenhouses
- individual steel constructions,
- Domes
- And many others

You expect...

- Automated workflow and minimization of mistakes
- Order and scheduling reliability
- Correct calculation basis
- Availability of all order data
- Continuous data flow for manufacturing process
- Storing of recurring constructions
- Complete production documents
- Accurate assembly documents
- Support of work preparation
- Shared project processing
- Solutions for complex 3D challenges
- Easy definition of profiles

We offer...

- CAD for halls made of steel, facades and prefabricated concrete parts
- Working on any number of views and sections
- Automatic construction connections
- Independence from manufacturers
- 3D model containing all information
- BIM oriented planning and design
- Definition of individual standards
- Automatic BOM and order lists
- Automatic installation and palletisation plans
- Automatic form parts and drawings of bent plates
- Automatic shop drawings
- Automatic lists of glazing cuts
- Control of construction and assembly
- Free definition of profiles – also bent plates
- Individual detailing of connections
- Conformity of model and drawing
- Direct machine control
- Administration of construction and assembly phases

Modules:

- Steel module
- Roof & wall module
- Glazing module
- Automatic connections for steel and glazing
- Concrete designer
- Stairs & railings
- Automatic marking
- Automatic drawings
- Automatic BOM
- Delivery notesEdit
- Bar and plate nesting

Interfaces:

- IFC
- DXF, DWG, DXF-3D
- 3D PDF
- DGN
- SDNF
- Mechanicad (STEP, IGES)
- DSTV-NC
- DSTV-PSS
- DSTV-Statics
- DSTV-Bills of Materials (BOM)