PRODUCT INFORMATION
FACTORY ASSEMBLY OPTIONS

WIEHAG
TIMBER CONSTRUCTION

MACHINE JOINERY BAR-SHAPED COMPONENTS

Max. length: 28.0 m
Max. height: 1.25 m
Max. width: 300 mm

MACHINING OPTIONS

Slot width: From 8 mm
Slot depth: Up to 700 mm
Drilled holes: From 6 to 32 mm in 2 mm steps
Larger bores are milled
Bore depth: Up to 800 mm

Milling by shank-type slotting end mill from 10 mm to 40 mm
or by plain-milling cutter.

6 AXES AND ROBOTIC ARM MAKE OTHER MACHINING OPTIONS MANUFACTURABLE IN ALL ANGLES AND INCLINATIONS

- Flat spots
- Dovetail connections
- Bird's mouths
- Tenons/mortises
- Notches
- Grooves
- Rabbets
- Cuts in all angles

MACHINE JOINERY OF SPECIAL COMPONENTS

LARGEST DIMENSIONS FOR FORMED COMPONENTS

Max. length: 55,0 m
Max. height: 5,0 m
Max. width: 800 mm

MACHINING OPTIONS

Slot width: From 8 mm
Slot depth: Up to 480 mm
Drilled holes: From 8 to 40 mm and up to a depth of 480 mm
Larger bores are milled

Milling by shank-type slotting end mill from 10 mm to 100 mm
and by plain-milling cutter from 250 to 500 mm.
Machining operations possible in all angles and inclinations.

DATA EXCHANGE FOR MACHINE JOINERY

COMPLETE MACHINE FILE FROM CUSTOMER

- bvn, bvx oder btl

MACHINE TRANSFER AT WIEHAG

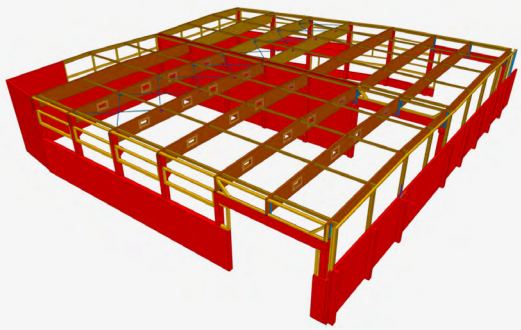
- 3D model on site
- Preparation by our technicians

PROGRAMS

- Bocad
- Cadwork
- Sema

COMPATIBLE IMPORT INTERFACES

- .ifc, .3d, .sat
- .3dm (Rhino)
- .rvt (Revit)



Comprehensive IFC model with all fasteners

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PRODUCT INFORMATION
FACTORY ASSEMBLY OPTIONS

WIEHAG
TIMBER CONSTRUCTION

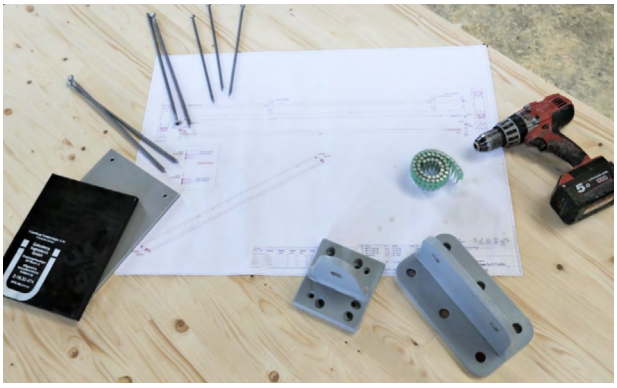
CREATION OF READY-TO-INSTALL ASSEMBLIES BY HAND

- Main-secondary beam connections
- Bracing and special steel parts
- Installation aids
- Support reinforcements/plates
- Elastomer bearings
- Transverse tensile reinforcements
- Tear guards
- Bonded threaded rods
- Surface finishing and paintwork
- Optical final inspection and preparation for transport

Clear labelling for smooth installation

REINFORCEMENTS FOR NOTCHES, BREAKTHROUGH PROTECTION

- External laminated veneer lumber plates (internal as well for block-bonding)
- Internal reinforcements with threaded rods and fully threaded screws
- Bolted-on stringer beams, support wedges

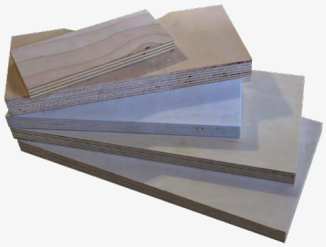
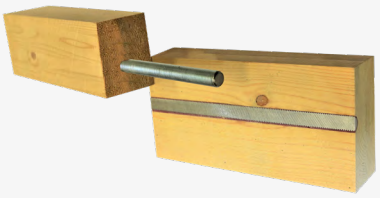
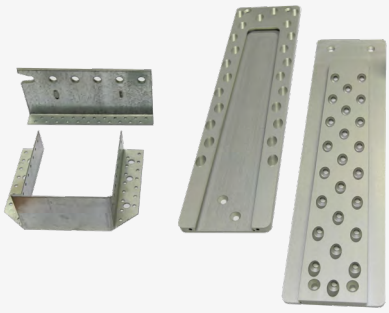

Comprehensive solutions for every component

STANDARD FASTENERS

- All countersunk and pan head screws
- All metric fully and partially threaded screws
- Rod anchors with/without thread
- Threaded rods
- Chemical dowels (wood + concrete)
- Nails and staples
- Ring wedge dowels

STANDARD CONNECTORS

- Beam connectors and shoes
- Angle connectors and perforated plates
- Gerber connectors
- All standard plug-in connectors
- Cleats, etc.

Fitting of steel parts at the factory for plug-and-play assembly

Quick and careful manipulation of components

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