



MACHINE JOINERY *BAR-SHAPED COMPONENTS*

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

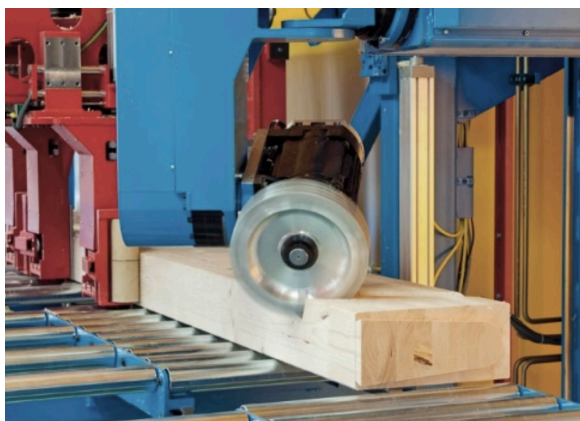
MACHINING OPTIONS:

Slot width: From 8 mm
Slot depth: Up to 360 mm
Drilled holes: From 6 to 32 mm in 2 mm steps
Larger bores are milled
Bore depth: Up to 900 mm

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

5 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:

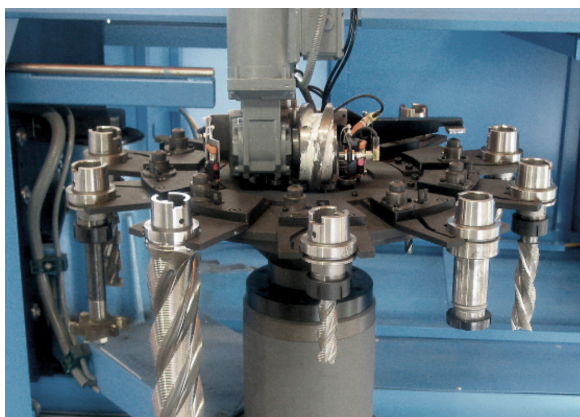
Max. length: 50.0 m
Max. height: 5.0 m
Max. width: 400 mm

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.





ADDITIONAL FACTORY ASSEMBLY SERVICES

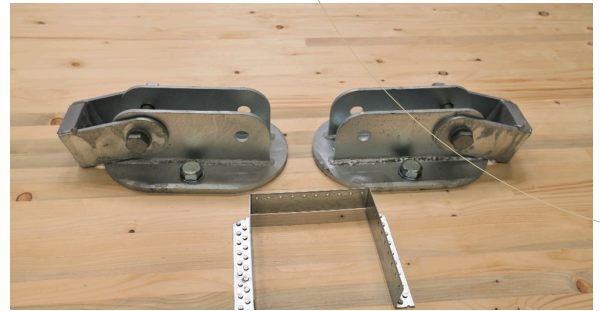
FASTENERS

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

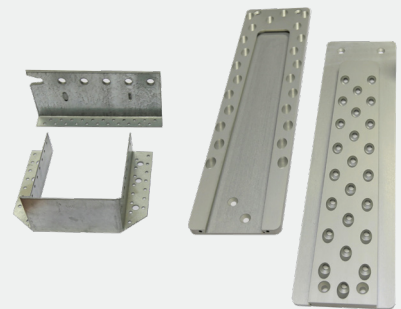
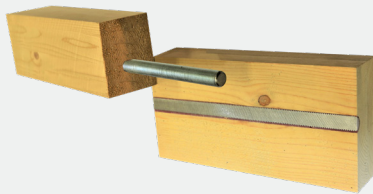
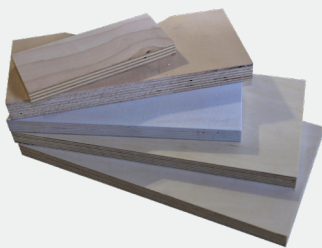
REINFORCEMENTS FOR NOTCHES, BREAKTHROUGH PROTECTION

- External laminated veneer lumber plates (internal as well for block-bonding)



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



STANDARD FASTENERS

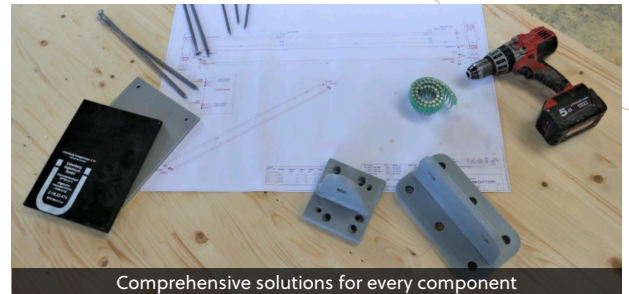
- All countersunk and pan head screws
- All metric fully and partially threaded screws
- Rod anchors with/without thread
- Threaded rods
- Chemical dowels (wood + concrete)
- Nails and staples
- Ring wedge dowels



Ready-to-install assemblies ex-works



Clear labelling for smooth installation



Comprehensive solutions for every component

DATA EXCHANGE FOR *MACHINE JOINERY*

COMPLETE MACHINE FILE FROM CUSTOMER:

- .bvn or .bx on site

MACHINE TRANSFER AT WIEHAG:

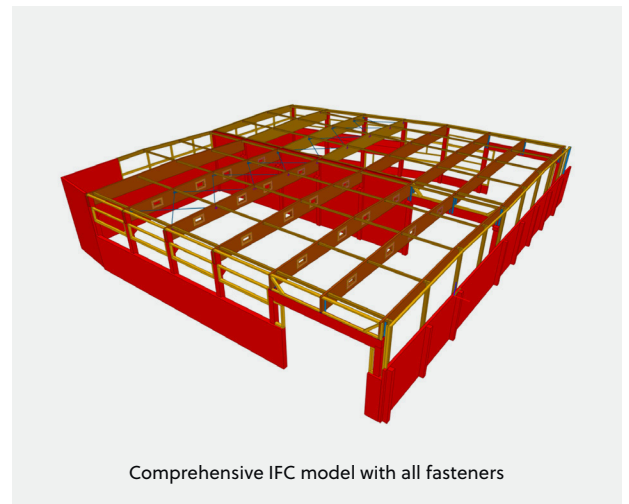
- 3D model on site
- Preparation by our technicians

PROGRAMS:

- Bocad
- Cadwork
- Sema

COMPATIBLE IMPORT INTERFACES:

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



Comprehensive IFC model with all fasteners



3D factory planning in Design Engineering



High-precision machine joinery with optimised cross-sections