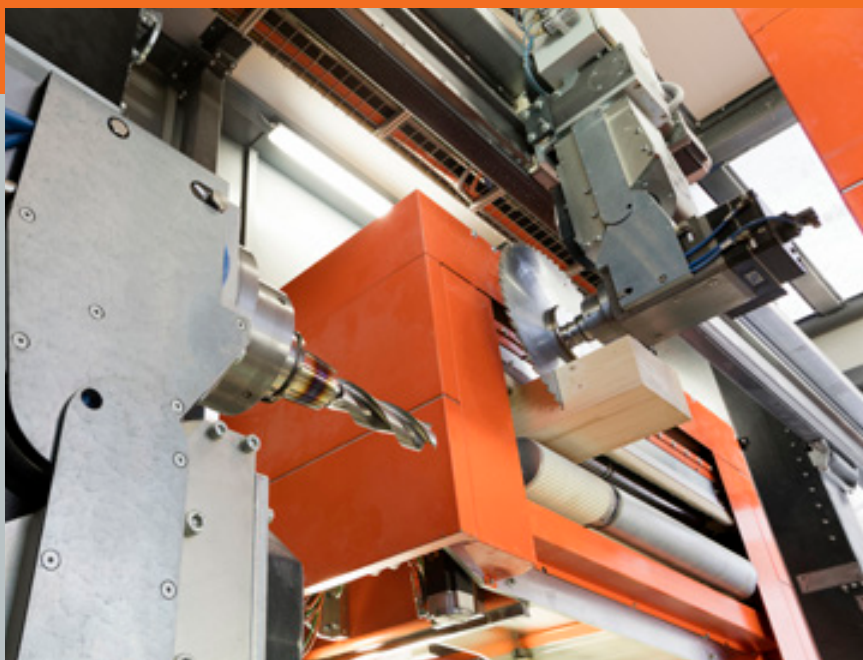


The Swiss machine manufacturer



About Technowood

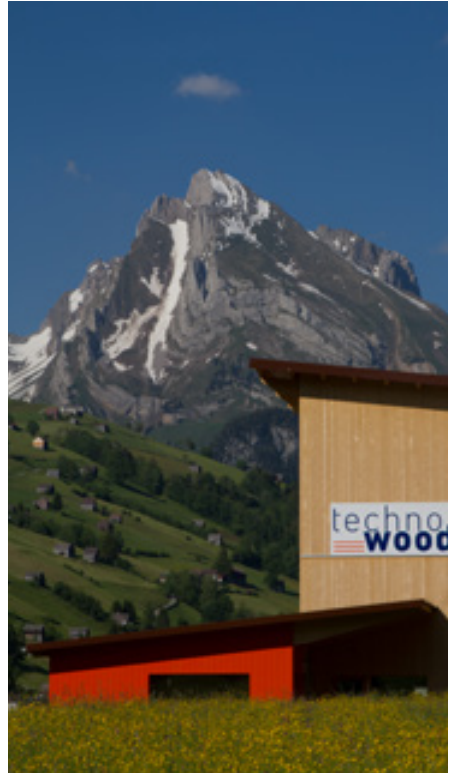
“Once upon a time, many years ago, beyond the seven mountains....” that would roughly be the beginning, if the story of Technowood was a fairy tale.

Fortunately, together with its high quality, efficient and versatile CNC timber processing plants, Technowood is a reality. Magical in contrast is the location of Technowood, at the foot of the seven Churfirsten peaks and the dominant Alpstein massif.

Here the centers are constructed, built and tested - Swiss quality in all fields of the development.

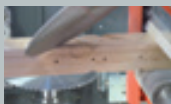
The strength of Technowood is based in to the unite of the know-how in the field of timber- and machine construction and controller design.

Technowood stand for openness and willingness for new ideas in the cooperation with customers and colleagues.



Products overview

Processing Center



TW-Agil

Great components are carried efficiently and processed by the center and are worked on.

Joinery Portal



TW-Mill E - the portal for element constructions

The specialist in the area of element construction offers solutions for standard and special treatments.



TW-Mill M - the mobile joinery portal

The portal moves above the machining table and work-piece and offers high flexibility.



TW-Mill C - the stationary joinery portal

Components are placed logistically efficiently on portal carriage, are worked on 6-side and discharged.

Production Line



TWOODS-Line

The production line creates out of raw planks dowed timber plates.

Control System



TW-Control

Technowood offers with her control on own and foreign centers the determining advantage.

Special Machine Construction



TW-Flip

Components are turned savely, carefully and in order to save space on a production line.



TW-Balance

It offers huge saving potential on the building site - components on the crane are positioned simply and fast.

TW-Agil

The processing center



ROBOT TECHNOLOGY

- 6-sided machining with two spindles
- free tool selection from tool changer

EFFICIENCY

- automatic feed and discharge
- 4-sided clamping of components
- optimising of production and costs

DIMENSIONS

- rod and plate machining up to 1300 x 400 mm
- unlimited length



TW-Mill E

The portal for
element constructions



ONE SYSTEM

- nailing, screwing, stapling, gluing, joining, ...

SYSTEM VARIETY

- wall, ceiling and roof elements, free shapes, ...

FLEXIBILITY

- machining of frames, plates, trusses, boxes, ...



TW-Mill M

**The mobile
joinery portal**



EFFICIENCY

- versatile use of tools in spacious machining zone

FLEXIBILITY

- diverse, customized table solutions can be implemented
e.g. tandem operation, TW-Flip turning system, ...



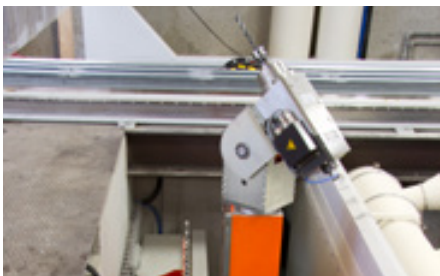
MODULARITY

- configuration tailored to customer and product



TW-Mill C

**The stationary
joinery portal**



EFFICIENCY

- **automatic feed and discharge**
- **individually programmable cars**
- **6-sided machining**
- **central disposal**

FLEXIBILITY

- **unlimited design thanks to open-loop control**

MODULARITY

- **configuration tailored to customer and product**

TWOODS-Line

The production line



TWOODS

- from the raw board to the visible element - without glue and without metal

PRODUCTION LINE

- placing, pressing, drilling, dowelling, joining and finishing



PERSPECTIVE

- high added value and low personnel expenses



TW-Control

The CNC machine controller



SERVICE

- quickly learnable, windows-based PC control
- 3D collision monitoring
- remote maintenance

FLEXIBILITY

- compatible with customary CAD / CAM
- individual, company-specific macro programming
- Integration into SQL databases

POWER

- multichannel e.g. parallel use of 2 spindles
- no reference travel thanks to absolute encoders
- special functions e.g. backwards, ...

TW-Flip

The turning and set system



SPACE SAVING

- turning of elements onto the smallest area
- without leaving the table

SAFETY

- controlled, gentle turning
- even of very heavy elements

EFFICIENCY

- quick turning on site without any tools
- (no crane, forklift, suspension, ...)



TW-Balance

The crane balancer



QUALITY

- high precision when placing elements
- thanks to remote-controlled positioning



SAFETY

- large operating range (up to 100 m)
- loads up to 5 tons
- tested remote control

EFFICIENCY

- enormous reduction of assembly time for crane and mechanics



www.technowood.ch



For further information please do not hesitate to contact us.

**Technowood GmbH
Horb 5
CH-9656 Alt St. Johann
+41 (0)71-997 04 00
info@technowood.ch**

techno
wood the art of wood machining

