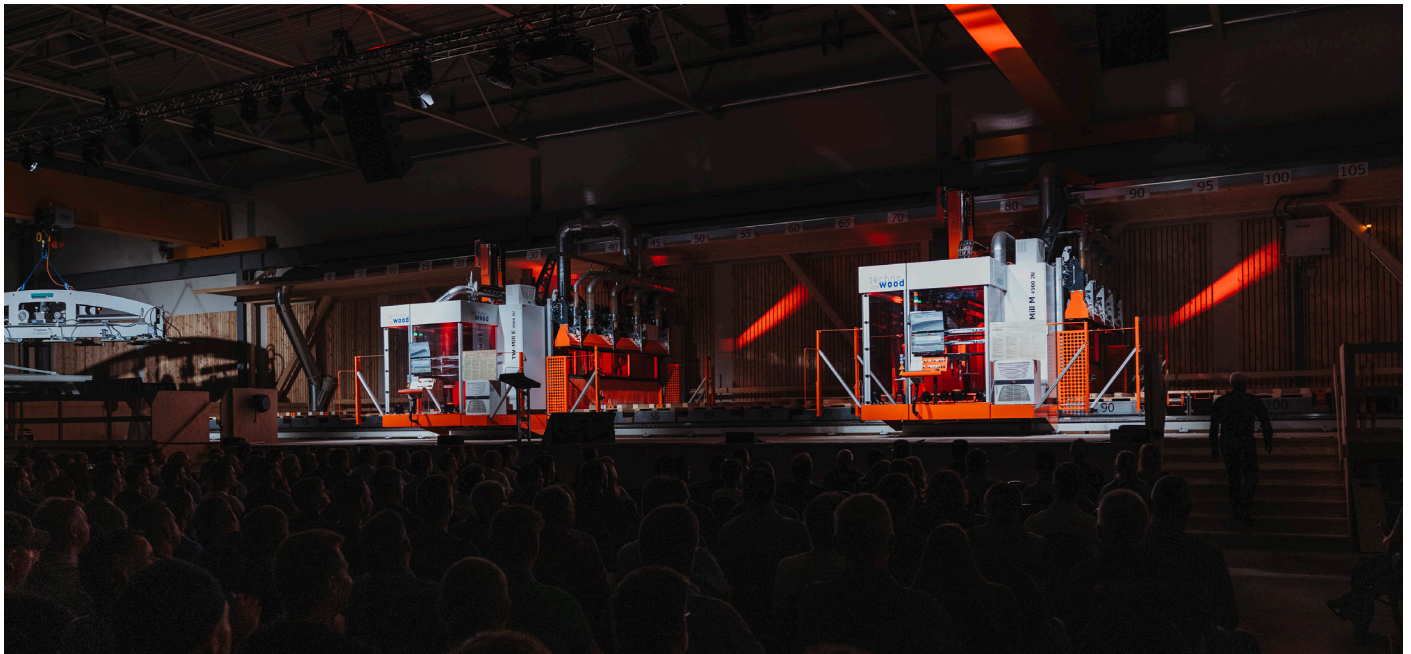


NEW SERVICES AROUND CROSS-LAMINATED TIMBER & CO.

The demand for cross-laminated timber for multi-storey timber construction is growing rapidly, as are production volumes. However, joinery capacities are lagging behind. Balteschwiler AG has decided to step up. They have been working in the field of solid wood panel joinery for more than ten years and have now invested a total of 8.5 million CHF into their joinery center, which was officially inaugurated after just 15 months of planning and construction.

Balteschwiler AG officially began operation of its joinery center for large-format solid wood panels on September 21, 2023. The core element is a 72 meter long TW concept line from TechnoWood AG. In the future, the company will be able to offer timber construction companies across Europe groundbreaking services from joinery to element prefabrication.



Demonstration of the TW-Concept line at the Balteschwiler AG inauguration ceremony

The heart of the new systems is the TW-Concept Line from TechnoWood, which impresses with a maximum workable space of 72 m x 4.3 m x 1.2 m. It is designed for processing cross-laminated timber and glued-laminated timber elements and is equipped with two gantry robots (TW-Mill M and TW-Mill E), two turning devices (TW-Flip) and a longitudinal conveyor (TW-Flow X).

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Revolutionary production flexibility

Markus Fuhrer, CTO of Balteschwiler AG, who was responsible for the expansion, explains: "There are nowadays hardly any limits to our processing options. Panels up to 4.3 m wide and 1.2 m thick, and length which is only limited by transport, can be processed. Drilling, milling, grooving, simple rectangular cuts as well as 5-axis free-form machining and nesting are possible thanks to the flexible CAM system, Lignocam and the TW-Control. Even gypsum board planking can be applied using CNC control.



With the TW-Flip turning devices, panels weighing up to 7 tons can be turned safely.

Award for top supplier TechnoWood AG

"Balteschwiler AG sees itself as an extended workbench for its timber construction customers," emphasizes CEO Jörg Langheim. "If desired, we can also provide other services such as surface treatment of panels, prefabrication of wooden components and modules, such as lift shafts, and the organization of logistics."



The TW-Mill E and TW-Mill M portals enable Balteschwiler AG to process a wide range of panels up to a thickness of 1.2 m

TechnoWood AG was presented with the "Top Supplier" award at the inauguration ceremony of the new systems in front of 350 invited guests. Despite the pandemic, they managed to meet all of deadlines and thus made a significant contribution to the success of the project.

Die Balteschwiler AG: partner for timber construction – since 1791

In 1791 Blasius Balteschwiler founded Balteschwiler AG. Today, the approximately 100 employees in Laufenburg (AG) produce innovative wood products using state-of-the-art equipment. With one of the most advanced joining centers in Switzerland, large-format solid wood panels can be processed as desired, even into finished modules. Balteschwiler AG is also one of the leading planing and surface coating factories in Switzerland and a proven specialist for terrace and wood protection systems.



Balteschwiler
Besser leben mit Holz.

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