

IMPROVED EFFICIENCY AND OCCUPATIONAL SAFETY

Technical progress in timber construction

As a result of the change in operations in spring 2022, the last hour had come for the previous hydraulic element table at the von Rohr Holzbau AG. After 25 years of continuous use, this important piece of equipment had to be replaced by a modern erecting and turning system that meets the latest technical requirements. The management of von Rohr Holzbau AG opted for the „TW-Flip“ system from TechnoWood. The „miracle device“ has been in use since March 2022.

In a short interview, Pascal Mäder (PM, head of the timber construction department) explains how the modern equipment was received by his employees, the carpenters:

How is the TW-Flip doing in daily use?

PM: *The TW-Flip is doing very well and greatly simplifies the production process. Elements can now easily be turned alone. Due to the increased production flow, the bottleneck in the area of element production was eliminated. As a result, the production capacity and thus the element output can be increased in the event of short-term demand. Thanks to our new table solution, six employees can simultaneously produce elements at peak times.*

Was it difficult for you or the employees to learn how to use the new erecting and turning system?

PM: *No, the turning process is logical and structured. Only some details must be observed and complied with, and the two short training sequences provided by TechnoWood were completely sufficient for the technically savvy production employees to operate the turning unit independently.*

How much has the efficiency in daily work changed with the TW-Flip?

PM: *Not only the efficiency, but also the work safety with regard to the turning process has improved massively compared to the old table solution. In addition, an indoor crane is no longer required during the turning process. The crane system thus remains operational for other tasks. Furthermore, the turning operation by hand cannot be performed as smoothly as with the TW-Flip. Because of the new production possibilities thanks to the table solution with integrated turning unit, work processes can be combined, which of course results in an increase in efficiency.*

In this context: How many wooden elements do you process per day on the „miracle device“?

PM: *Of course, this depends heavily on the respective production order and cannot be quantified generically. However, since more employees can work with or at the table, the production capacity can be flexibly adjusted, increased or reduced. Our production staff would not “give up” the table.*

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THE SUCCESSFUL PATH TO THE FUTURE OF TIMBER CONSTRUCTION

by Rohr Holzbau AG

„Curtains up for a look behind the scenes“, was the slogan during the two open days of the von Rohr Holzbau AG in Egerkingen, in the heart of the canton of Solothurn. In January 2020, the new commercial building was occupied, with which the traditional, more than 100-year-old family business in the fourth generation, dared to take a big step into the future. The approximately 37 employees, as well as the 9 apprentices, have settled within the new premises over the past two years.

After two years of waiting due to Covid-19 pandemic, the impressive new building was ready with the gates wide open. The team was rewarded with a veritable rush of visitors at the beginning of May 2022.



The new von Rohr Holzbau AG commercial building.

The entire team has performed exceptionally with their great commitment and high level of expertise. The new wood-hybrid production and office building with a floor plan of 72 x 48 meters and a total height of 14 meters, makes the hearts of the employees beat faster.

The three-part building complex contains the joinery production, the entire timber construction production, as well as exhibition and office space. Already in the construction phase, its own power generation, with groundwater heating and cooling system and other sustainable factors were of great value. Thus, the new building received the «Minergie-P» certification, as the first commercial building in the canton of Solothurn.

Optimization of processes

Furthermore, the modern installation of CNC machines via the new element table, multiple overhead crane systems, in addition to traditional and proven hand machines, allow the state of the art production of individual customer products. The optimized processes also enable a higher degree of prefabrication, which means that efficiency significantly increased and the already wide range of products and services can be further expanded – a big plus for customers and suppliers, as well as for employees.



Visitors of the open house being fascinated by the TW-Flip.

In the spacious exhibition, those interested can find out more about the range of products of the von Rohr Holzbau AG. From planning the project, through production, to delivery and assembly, von Rohr Holzbau AG makes the wishes of potential customers come true. True to the motto: Competent. Personal. Passionate.

Construction planning: project planning, implementation planning, construction supervision.

Timber construction: family homes, commercial buildings, roof extensions, shelters, exterior floors.

Roofing: tile and Eternit roofs, facade construction, skylights, energy renovations, roof maintenance.

Windows: wood-metal windows, wooden windows, lift-and-slide doors, bench windows.

Joinery: exterior and interior doors, wardrobes, cupboards, living room and bathroom furniture, floors.

Kitchen construction: individual kitchens, cooking islands, bar counters, tables, benches.

More information about von Rohr Holzbau AG is available at www.vonrohr-holzbau.ch.

Text and photos: von Rohr Holzbau AG



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Bauplanung
Holzbau
Bedeckung
Fensterbau
Schreinerlei
Küchenbau