Industrial hall TSUGAMI, Delémont

2025

With its new building, TSUGAMI NP Swiss is focusing on an aesthetic wooden hall. This forward-looking and sustainable construction blends into the landscape of the Delémont Valley.

The project

The new hall covers an area of 46 x 23 meters and combines several functions under one roof: a showroom, an administrative area with modern offices, and a storage and preparation area for machines. This well-thought-out room layout enables TSUGAMI to efficiently map all business processes on one level. The wooden construction of the building not only ensures a particularly high load-bearing capacity and long service life, but also provides a remarkable aesthetic that has a positive effect on the indoor climate.

The construction method

Wood is omnipresent in this hall. Double-sloped glulam beams, which adapt to the roof slopes, rest on three rows of wooden posts. The floors in the office area and the roof are made of CLT laid on beams. The floor beams are supported by double joists. The interior and exterior walls are made of a wooden frame construction.

The challenge

Avoiding impacts was an important consideration in this project. The idea was to avoid adding any blocking elements or increasing the cross-sections of the posts too much. The construction system was therefore designed so that the rest of the structure could compensate for the loss of a post.

Interior view of the office area

Interior view of the exhibition hall

TSUGAMI | Development of high-precision machine tools

Construction of the hall ceiling

Construction Data
- BSH volume: 160m^3
- Glulam panel area: 1320m^2

Construction costs
- Total cost: approx. 4 million Swiss francs

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