

## Extension Usine Bobst, Mex



### SHORT DESCRIPTION

As a renowned industrial company active in the production of machines for manufacturing cardboard packaging, the client already had a site in the triangle formed by the municipalities of Villars-Ste-Croix, Vufflens-la-Ville and Mex, in the "En Fara" industrial zone near Lausanne.

### THE PROJECT

The large volumes defined by the program were developed primarily with industrial functionality in mind, while also meeting precise qualitative and economic requirements.

The buildings have a compact overall volume with a balanced geometry characterized by an imposing shed roof. The structures feature a metallic main supporting structure with several frames with triangular roof beams.

The crane runways of the 50-ton cranes are also used to absorb the horizontal forces and distribute them throughout the structure, fulfilling a dual function that is beneficial from a structural engineering perspective. In the roof area, a traditional system of rolled profiles with cover plates offers the right solution for this type of building.

### SERVICES IN DETAIL

The first stage with a gross floor area of  $6,800\text{m}^2$  is being built on a plot of  $10,500\text{m}^2$  and is intended entirely for workshops. The total SIA volume of the first floor and the mezzanine floor of this stage is  $83,600\text{m}^3$ . In the second stage, 62% of the entire building is intended for workshops. The remainder is divided between storage rooms (18%) and administration rooms (20%). With an SIA volume of  $56,800\text{m}^3$ , this stage offers a gross floor area of  $8,600\text{m}^2$  on  $6,600\text{m}^2$  of land, spread over a first floor with mezzanine and two upper floors.

Building volume: 83'600<sup>m3</sup>

## FACTS

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<b>Location</b>	Zone Industrielle « En Fara » 1031 , Mex , Switzerland
<b>Status</b>	completed
<b>Start of construction</b>	June 1999
<b>Completion</b>	June 2002
<b>Architect</b>	Atelier d'architecture P.-A. Juvet, D. Chollet & Associés SA – Lausanne + Collaborateur : P.-A. Veuthey

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## SERVICES

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New constructions



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