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^{m2} is being built on a plot of 10,500^{m2} and is intended entirely for workshops. The total SIA volume of the first floor and the mezzanine floor of this stage is 83,600^{m3}. 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^{m3} , this stage^{offers} a gross floor area of 8,600^{m2} on 6,600^{m2} of land, spread over a first floor with mezzanine and two upper floors.

Building volume: 83'600^{m3}

FACTS

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

SERVICES

New constructions