



Stuttgart Theater



Products/Solutions

- Allplan Architecture
- Allplan Engineering
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- CINEMA 4D

Project Data

Client

City of Stuttgart

Planning and Construction

plus+ bauplanung GmbH
Hübner · Forster · Eggler
In collaboration with
engelhardt.eggler.architekten
Project architect: Christoph
Forster
Management: Martin Müller

Construction Costs

17 Mio. Euros

Square Footage

Gross Floor Area: 12.200 m²
Gross Volume: 60.094 m³

Certificate

1995

Start of Planning

01/2003

Construction Period

start: 10/2001
completion: 03/2003

Photos: Dietmar Strauß



"During early planning, we used Allplan's functions to plan efficiently. Elements under historic preservation protection were fully entered in 3D, like the two exterior walls & the filigree lattice roof structure. This let us plan virtually around the existing building and facilitated implementation of new construction."

(Olaf Hübner, Managing Director,
plus+ bauplanung GmbH)

Renovation, New Construction and Expansion of the Stuttgart Theater

Since March 2003, the Stuttgart Theater has had a new location: the Rheinstahl-Hallen at the Pragsattel in Stuttgart. The old, former industrial building from 1923 was expanded through a large-scale construction project. Only those parts of the former industrial building that enjoy historic preservation protection were preserved – the two façades and the steel roof structure. Therefore, it was particularly crucial for this project to preserve the major elements of the building under historic protection and to integrate them with future-oriented spatial designs.

plus+ bauplanung GmbH successfully achieved this goal through a harmonic design and a functional occupancy concept. The new Stuttgart theater features four individual theaters of different sizes. Some of them have seating that can be moved and are designed for flexible use: With its variable number of seats from 150 to 1,050 in the large hall, the available space has been optimally customized to meet the requirements of different event formats. A multi-functional hall and gymnasium fully accentuates the old roof structures and links culture and sports activities.

The designers used Nemetschek's Allplan software to tackle the project's construction complexity. Work on the project proceeded seamlessly in 3D, from drafting to detailed planning. Since all data was entered consistently in 3D, the planners benefited from the detailed working method and were able to perfectly integrate all new construction in the existing building part.

About the Company

Prof. Peter Hübner founded his firm in 1972. It has been in business as "plus+ bauplanung GmbH" in Neckartenzlingen since 1995. It is run by Peter Hübner, Christoph Forster & Olaf Hübner, working on social projects. Until 2007, Hübner was at the Institute of Building Design & Construction, University of Stuttgart.

More information: www.plus-bauplanung.de

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