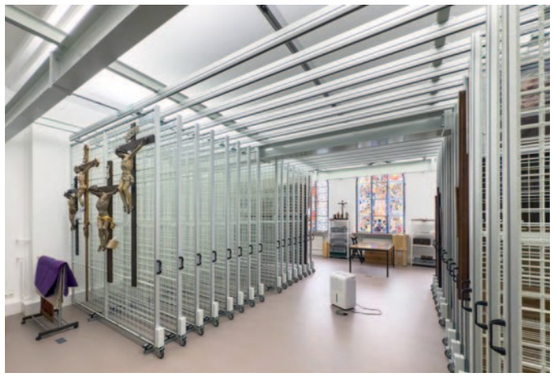
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The painting depot in the Franciscan monastery in Paderborn

A masterpiece of art preservation in a historic setting

The Franciscan monastery in Paderborn, a place of great historical significance and rich cultural tradition, was faced with the challenging task of preserving its valuable art collection in a modern yet respectful way. The team from ArtStore and ArchiBALD Regalanlagen worked closely with Stephanswerk to develop an innovative painting storage system that not only the conservation requirements, but also meets the technical challenges posed by a historic building. This project represents a milestone in the combination of tradition and modernity and serves as an inspiring example for similar projects in historic buildings.



Painting storage system type DL-100 from ArtStore.
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The challenge of art conservation in a historical context

The Franciscan monastery in Paderborn, founded in 1657, can look back on an eventful history. Despite secularisation, the Kulturkampf and wartime destruction, it has its importance as a spiritual and cultural centre. The need to centralise and simultaneously protect the monastery's extensive art collection presented those responsible with a complex task.

Challenges during installation

There were several specific challenges when installing the painting train system in the Franciscan monastery in Paderborn:

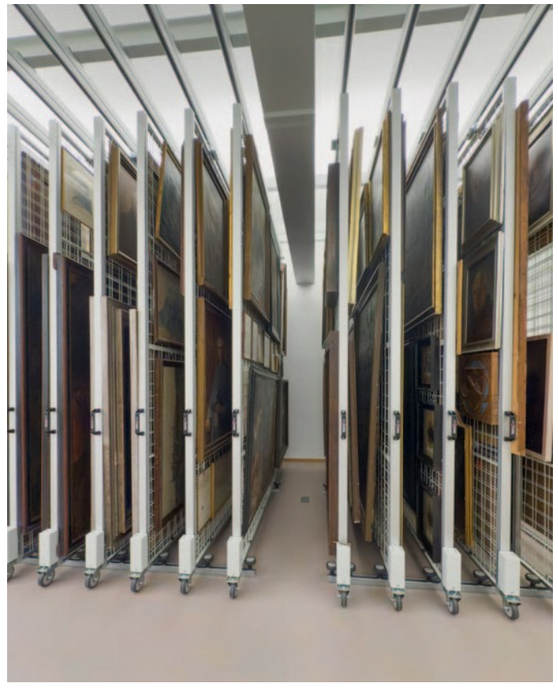
1. Static restrictions: The system could neither stand on the floor nor be attached to the ceiling. As a solution, a steel structure was developed between two walls, which transfers the loads to the historic foundations of the building.
2. Bringing in the materials: The long steel beams had to be transported to the upper floor through a window, which required special logistical planning.
3. Unexpected structural discoveries: When chiselling the supports for the steel construction, a former passageway to the nave with a room behind it was discovered, which required a flexibly adaptable construction.
4. Protection of historical elements: During the construction work, historic windows, floors and the existing lighting technology had to be carefully protected.
5. adaptation to the historical fabric of the building: the installation had to be carried out in such a way that it harmonised the historical ambience of the monastery without detracting from its character.

These challenges required close collaboration between ArtStore, ArchiBALD, Stephanswerk and local craftsmen. As the local partner for ArtStore in Germany, ArchiBALD took on the role of general contractor
and was able to offer the client the entire range of services from the necessary protective measures, the masonry work to create the supports, the construction of the steel structure to the final installation of the tensile system from a single source.

Innovative solutions for special requirements

The development of the painting storage system required a high degree of creativity and technical expertise. The structural conditions of the monastery ruled out conventional mounting options, so the idea of wall mounting between two walls was born. This unusual solution made it possible to overcome the structural challenges while respecting the historical character of the building. Beams over 11.5 metres long and weighing 900 kg each were used. The installation with supports of more than 40 cm in the historic walls required

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Ceiling-running sliding walls with mesh panels.
© ArchiBALD Shelving Systems GmbH

It was necessary to split the beams and provide them with appropriate connections so that the beams could be coupled on site. To the work on site as easy as possible, ArtStore was able to prepare this work in the factory.

The ArtStore painting storage system: a masterpiece of functionality

The centrepiece of the project is the specially developed DL-100 painting storage system from ArtStore. This system combines state-of-the-art technology with aesthetic design. Sliding ceiling panels made of robust steel elements, a surrounding frame with welded mesh mats on both sides and an elegant powder coating in papyrus white create optimum conditions for storing and protecting the works of art. The three-part construction with a centre aisle that can be pulled out on both sides ensures efficient use of space and allows easy access to the paintings.

The installation process: A symphony of cooperation

The installation of the system required precise orchestration of the various trades. From the careful preparation of the walls and the complex installation of the steel beams to the final plastering and painting work - every step required the utmost care and expertise. Thanks to the flexible design of the ArtStore system, it was possible to respond to this challenge. The close cooperation of all those involved made it possible to make quick decisions and creatively integrate the unexpected challenges into the overall concept.

A look into the future of art conservation

The painting storage facility realised in the Franciscan monastery in Paderborn sets new standards in the combination of art preservation and historical architecture. This project not only serves as a technical inspiration, but also as a model for good cooperation and a sensitive and future-orientated approach to cultural heritage in historical contexts.

How the experience of ArtStore and ArchiBALD help

The many years of experience and collaboration between ArtStore and ArchiBALD were decisive for the high quality of the project at the Franciscan monastery in Paderborn. With 15 years of expertise each in museum furnishings and art storage, the two companies were able to precisely analyse the requirements and develop a customised solution. Their technical expertise was particularly evident in the demanding wall installation, which mastered the static challenges. This expertise led to a solution that is perfectly matched to the historical ambience, both functionally and aesthetically.

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