

Porsche Design Tower

Stuttgart

Case Study



Manntech designs facade access solution for Porsche Design Tower

Porsche and Porsche Design have joined forces in construction, with the Porsche Design Tower and new Porsche branch being built in the Pragsattel area of Stuttgart, Germany - the heartland of Porsche manufacturing.

The Porsche Design Tower will rise approximately 90 metres high, making it one of the tallest buildings in Stuttgart and allowing for awe-inspiring views of the city and the Killesberg. Once complete it will cover 25 floors, with space for offices, restaurants, a hotel and bar, conference areas and fitness facilities. Office spaces will be situated on the 2nd-8th floors, and Radisson Hotels Deutschland GmbH has obtained a long-term lease on the 9th-23rd floors of the building. The tower will also feature 134 underground parking spaces.

The building design combines modern glass for the facade, alongside a large terraced area which adjoins the tenth floor. To ensure safe, effective facade access for long term building maintenance, Manntech was awarded the project to supply a custom facade access system. In particular, the building maintenance unit would need to be able to pass over the terrace without touching any parasols or surrounding structures, and to continue its operation under the terrace itself.

Manntech has a strong working relationship with the project architect, Bülow AG, based in Stuttgart, and was contacted to assist with proposing a high-quality technical solution at the very beginning of the planning stages of the project.

After considering the unique challenges of this structure, Manntech provided an effective facade access solution consisting of a Type 6 stationary building maintenance unit anchored to the roof of the building with a double telescoping jib and a guide rope system, which was developed in the 90s by Mannesmann, now known as Manntech. The BMU is also equipped with a router, which allows the movements and usage to be monitored online.

The provided building maintenance unit means that maintenance work can be carried out effectively, navigating the complexities of the building's design while also ensuring a safe means of facade access.

Facts and Figures

Proposed Completion:
Late 2022

Commencement:
2020

Building Height:
90 metres

Floor Count:
25

Number of BMUs:
1

BMU Type:
Type 6

Building Type:
Mixed-use

For more information

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