

TVH PLANT T

Waregem
Building a new distribution center

Status
2024 - 2026

Services:
Industrial MEP

Sectors:
Industry: Logistics

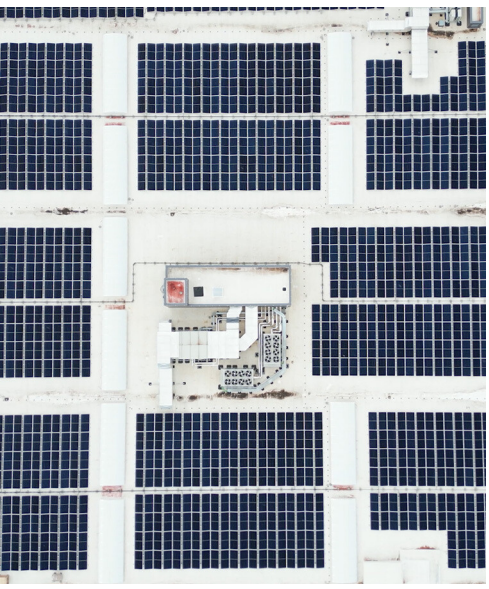
Client:
TVH Parts NV

Architect:
DBG Architects & Engineers

Area:
54000 m²

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General

With the realization of Plant T, TVH continues to strengthen its logistics infrastructure in Waregem. This new distribution center, with a surface area of more than 50,000 m² and a height of approximately 30 meters, forms an essential expansion of the existing site and functions as a scalable logistics backbone for the future. The building is conceived as a robust and high-performance link that can effortlessly accommodate growing volumes and further automation of logistics processes.

The implantation and volumetry are purposefully designed with maximum efficiency as the starting point. Plant T functions as an optimized logistics machine in which structure, circulation, and height come together to combine high storage capacity with clear and easily readable goods flows. Within the building, incoming and internal logistics processes are organized in a way that guarantees continuity, speed, and reliability.

A crucial element in the project is the physical and functional connection with the existing distribution center WB3. Via an approximately 80-meter-long glazed walkway over Brabantstraat, both buildings are connected to each other, creating one integrated logistics whole. This transparent connection strengthens the operational synergy between both sites and ensures efficient, safe, and intuitive circulation of both goods and employees.

In addition to performance and scalability, sustainability also plays a central role in the design. Plant T aligns with TVH's ambitious sustainability vision and follows the same principles as other recent developments on the site. The project focuses on energy efficiency, high-quality construction techniques, and a qualitative working environment, with attention to comfort, light entry, and indoor climate. As a result, the building transcends its purely industrial character and evolves into a future-oriented and sustainable logistics platform.

With its pronounced scale, technical performance, and strong architectural identity, Plant T is not only a functional expansion but also a powerful statement within the site. The project symbolizes TVH's continuous growth and innovation, where logistics efficiency, sustainability, and spatial quality go hand in hand.

Technical Systems

- Fully gas-free concept with redundant heat pumps
- Concrete core activation for energy-efficient and uniform comfort in production
- Smart control via building management system (BMS + SCADA)
- Redundant energy supply with UPS and grid balancing via stage 2 & 5 generator class
- Natural ventilation in the impressive bridge
- Full coverage sprinkler installation in combination with fire and aspiration detection

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