

# INGENIOUS BMW WELT EQUIPPED WITH NOVENCO RENOWNED JET FANS



## ARCHITECTURE EQUAL MASTERPIECE

When the BMW Group decided to build a brand-experience and car-delivery centre within close vicinity to the corporate headquarters and the BMW Museum in Munich, Germany, 275 architects participated in an open international competition for design of the future construction. In a multi-stage selection, the design by COOP HIMMELB(L) AU won the competition. BMW Welt with its entirely unique architecture is a masterpiece in itself. The incomparable design concept is characterised very much by the unique roof structure and the so-called Double Cone designed in a position at the head of the entire construction. The interior of the BMW Welt is just as impressive with its architecture, which

creates the right atmosphere in which to present the BMW Group brands- BMW, MINI and Rolls-Royce Motor Cars. With a number of car and motorcycle galleries, two shops - BMW Lifestyle & Accessories with 650 m<sup>2</sup> on two floors and the BMW Welt Shop with 60 m<sup>2</sup>, Restaurant International, Bistro and Coffee Bar with a total of 450 seats, forum with space for approx. 700 people and BMW Museum next to it, the BMW Welt is visited annually by approx. 2 million visitors.

## UNDER THE MUSEUM

NOVENCO Building & Industry was awarded the contract for the system design, equipment delivery, commissioning and system approval for the BMW Museum visitor car park. This area underneath

the museum is equipped with high quality NOVENCO axial flow fans and jet fans, tested and approved to meet requirements for both CO ventilation and smoke exhaust in case of a fire.



The interior of the BMW Welt

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## EQUIPMENT DELIVERY

For the efficient and reliable ventilation system for the BMW Museum underground car park, NOVENCO Building & Industry supplied 42 pcs non-reversible jet fans type AUO-380 and 8 pcs reversible jet fans type ARO-380.

For fresh air supply and exhaust in total 6 pcs of NovAx ACN-1250 axial flow fans with capacities up to 120.000 m<sup>3</sup>/h were delivered.

Although the mechanical and electrical installation was completed by BMW in-house contractors, NOVENCO Building & Industry took initial design responsibility and also assisted in the system commissioning and notified inspection body approval.

## FACTS

- APPROX. 2 MILLION ANNUAL VISITORS
- 9 FLOORS
- 18 ELEVATORS WITH 93 STOPS
- APPROX. 100 VEHICLE DELIVERIES PER DAY



Impressive view of the BMW world- BMW Welt, BMW Museum, BMW Tower and BMW Group Plant Munich



Inside BMW Welt



Underground car park with NOVENCO's jet fans AUO 380