

maeg

- BUILDINGS AND SPECIAL STRUCTURES

Coverings

Specialist in the **design,** **manufacturing** and **installation** of steel structures

About Maeg

Maeg is an international player in the construction sector. With more than 40 years of experience, Maeg's expertise can adapt to each project characteristics to devise tailor-made and innovative engineering solutions, concretely transforming design into substance.



ISO 9001:2015



ISO 1090-1/2



ISO 3834



EURO SOA



RFI - SQ008 TMF-001



AFER



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List of projects

Coverings

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PLACE VENDÔME DOMES

Location

Doha, Qatar

Client

United Development Company (UDC)

Contractor

Construction & Reconstruction Engineering Company (CRC)

Scope of work

Design, fabrication and installation of steel structures and glasses

Period of execution

2017-2019

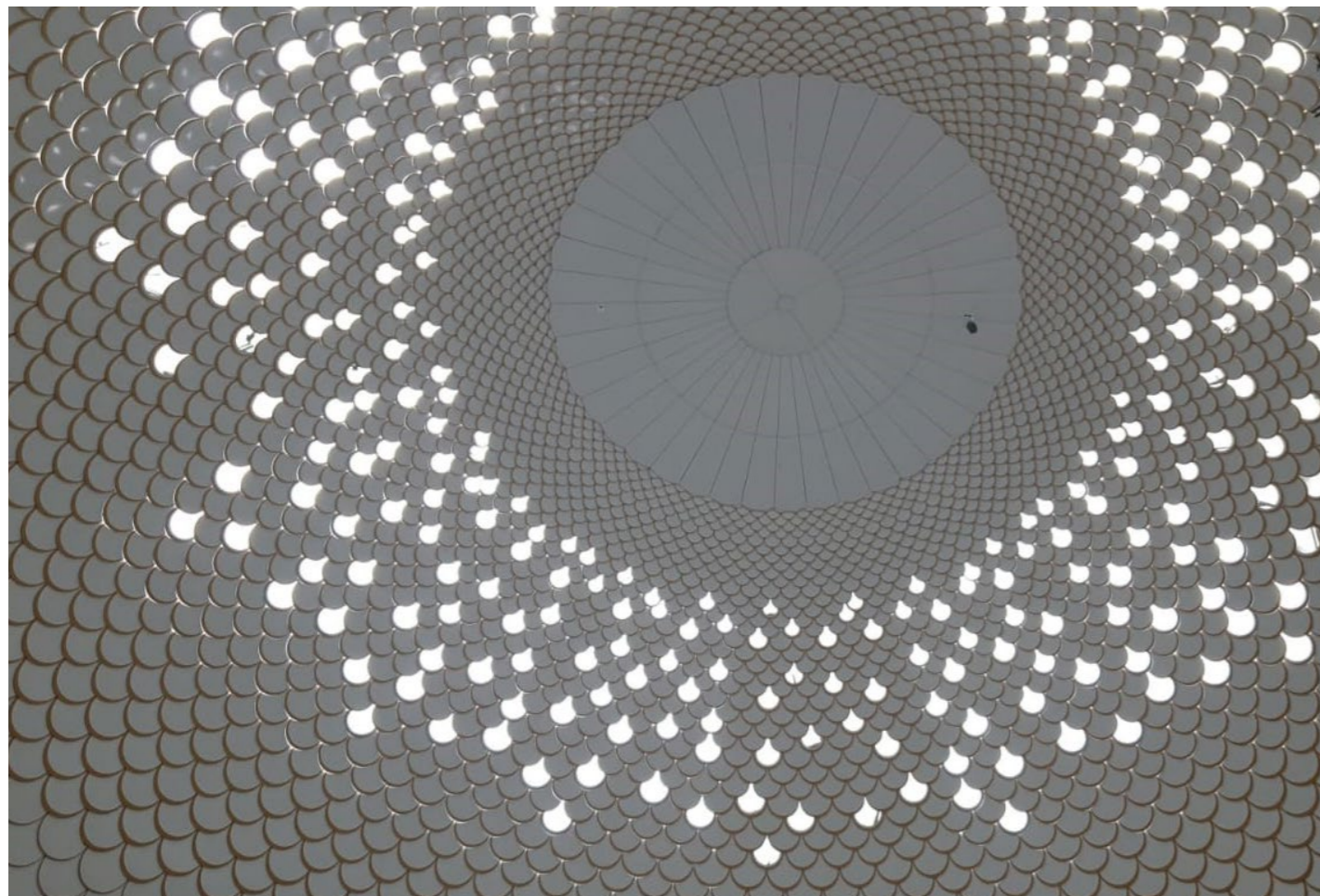
Weight

1.230 tons

Place Vendôme is a luxurious mixed-use development of one million square meters, hosting two parking basements and two parking towers, two floors with shops, three 5-star hotels and an internal canal directly connected to the sea.

The building is completed by thirteen skylight domes, different from one another both in shape and finishing. Maeg has realized both the steel structure and the aluminum and glass cladding of each dome, optimizing the combination amongst the different materials, proving itself as a competitor in the field of installations of architectural envelops. Overall, the weight of the steel structure amount to 1.230 tons, while the glass surface reaches 35.000 square meters.





ZOO DE BEAUVAL TROPICAL GREENHOUSE

Location

Saint-Aignan-Sur-Cher, France

Client

SAS ZooParc de Beauval

Contractor

Constructions Metalliques Florentaises (C.M.F.)

Scope of work

Design, fabrication and installation of steel structures

Period of execution

2018

Weight

780 tons

The zoo of Beauval is building, for the fortieth anniversary of its opening that will take place in 2020, a one of a kind tropical dome: bigger than a soccer field, it recreates and controls the temperature and the air management of an equatorial microclimate necessary to host several species of plant and animals.

This steel structure has a circular plant with no internal supports and it is the only one of its type in the world: it has a height of 33 meters and a diameter measuring 101 meters, covering an overall surface of 8.000 square meters. The structural steel reaches a final weight of 780 tons and it is divided in 38 semi-arches that have been assembled on the ground and erected with a tower crane located in the middle of the dome lying on a central temporary tower until the completion of the

welding. Later, the dome will be coated with a specific glass needed to regulate the sunlight, the temperature and the air quality to maintain constant the ecosystem required for the flourishing of tropical plant and animals. This new attraction will host up to 3.000 people daily.





SOUNDPROOF COVERAGE

Location

Casalecchio di Reno, Italy

Client

Autostrade per l'Italia

Contractor

Salvatore Matarrese S.p.A.

Scope of work

Design, fabrication and installation of steel structures

Period of execution

2011

Weight

155 tons

Noise-absorbing coverage on the top of the “Corva” artificial tunnel, built to reduce at the minimum the noise pollution arriving from the enlargement of the A14 highway.

The structure has a total length of 98 meters and it is divided into 38-metre trusses in steel angle, positioned approximately every 3.5 meters. It has been preassembled on the ground and then painted with an intumescent cycle, until the final nose launching.





POLICE SCHOOL COVERING

Location

Florence, Italy

Client

Ministry of Infrastructure and Transport

Contractor

S.CAR.s.c.r.l.

Scope of work

Design, fabrication and installation of steel structures

Period of execution

2009

Weight

910 tons

The New School for Warrant Officers and Sergeants of the Carabinieri has been conceived as a self-sufficient town, concentrating the different didactic poles spread across the nation.

The construction of this new hub develops around four main operational sectors – sport, accommodation, logistic and services – reaching a hosting capacity up to 2.500 people. These sectors are connected by an outdoor gallery, almost 17 meters wide, protected by a cover realized with welded pipes with a diameter of 323.9 mm, connected by bolted joints.





GOLDEN TULIP PLAZA HOTEL

Location

Caserta, Italy

Client

Hotel Marina di Castello S.p.A.

Scope of work

Design, fabrication and installation of steel structures

Period of execution

2004

Weight

300 tons

The roofing of the Golden Tulip Plaza Hotel is the biggest structure of its type in Italy and one of the largest in Europe: a ventilated covering made of steel and shatterproof glass realized to cover the internal courtyard of this luxurious complex, conceived to create a new hub in the ex Saint Gobain area of the city.

The hotel is formed by a visually striking U-shaped body. This structure is the biggest of its type in Europe: it has a surface of 3.600 square meters (58.5*58.5 meters) supported by 300 tons of tubular arches that, to balance the seismic of the area, directly anchor to a system of bearings transmitting horizontal forces through sliding supports. The dome, made of shatterproof laminated glass, could not be assembled on the ground and has been directly installed at height starting from perimeter beams.





NH LAGUNA PALACE HOTEL

Location

Venice, Italy

Client

Venezia Futura S.r.l.

Scope of work

Design, fabrication and installation of steel structures

Period of execution

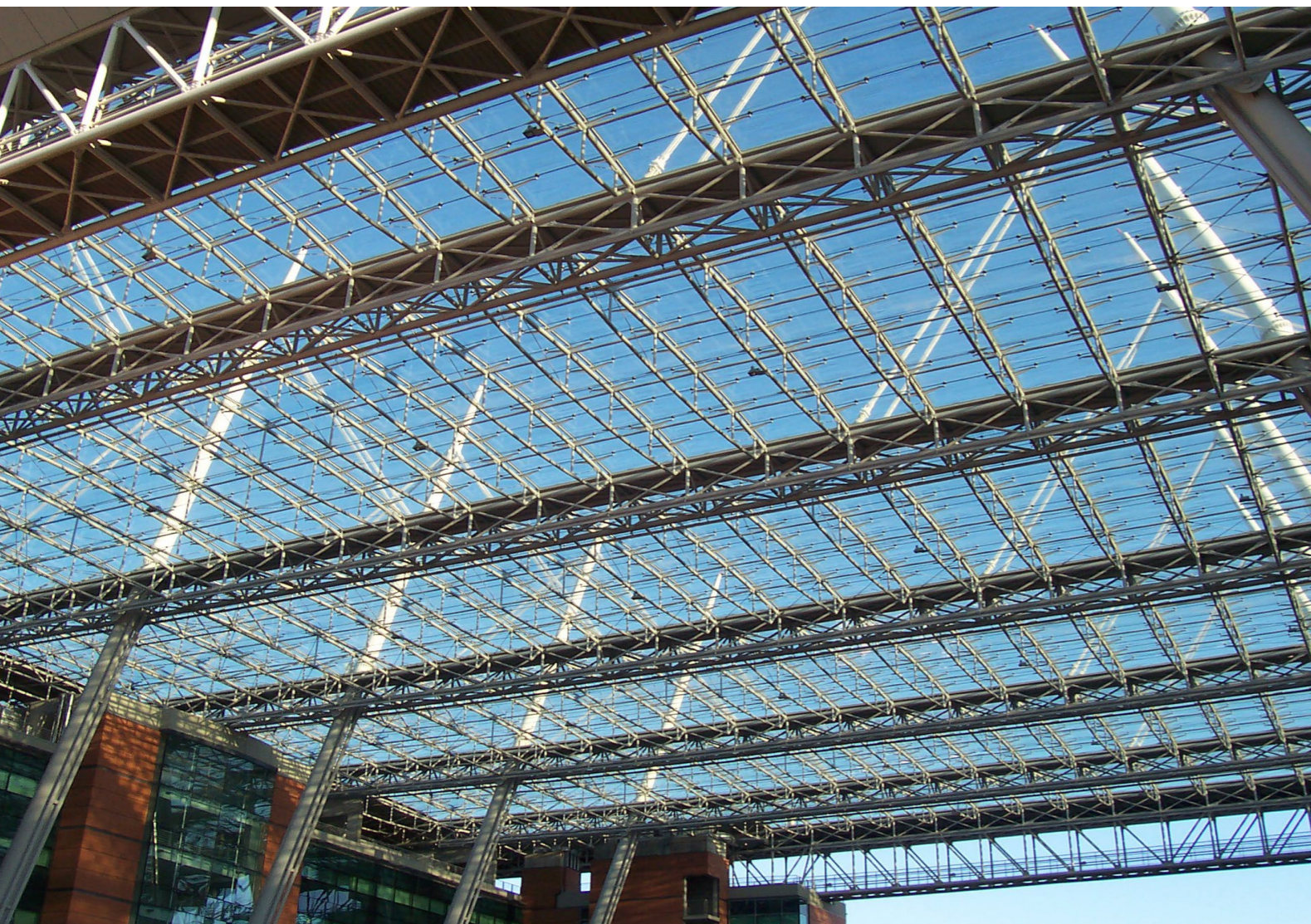
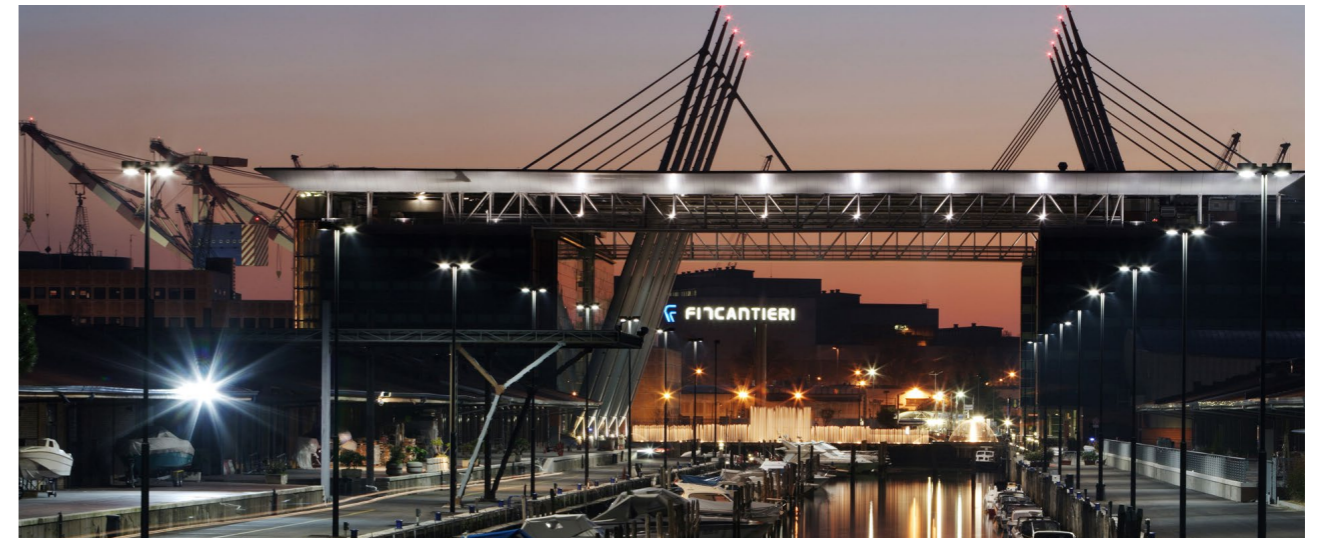
2001

Weight

120 tons

The characteristic element of the project is a 11.000 square meters roof made of glass and steel, covering a wet dock able to host more than 400 boats.

The roof is supported by trusses leaning both on the two buildings and on pillars, contrasting the bending of the beams.





Ideas
shape
the
World

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