Award for: Unger receives the European Steel Design Award for the diamond-shaped roof at the new Vienna Central Railway Station

Vienna/Istanbul, September 15, 2015. Internationally operating Unger Steel Group proved itself yet again with excellent steel structures and received yesterday in Istanbul the European Steel Design Award from the European Convention for Constructural Steelwork (ECCS). The award was given for the diamond-shaped roof at the new Vienna Central Railway Station. Unger received this prestigious award for the third time: In 2007 the jury bestowed an award for the earthquake-proof "Bucharest Tower Center" in Romania and in 2009 for the West Wing of the city library "Neue Mitte Lehen" in Salzburg.

The European Steel Design Award is given biannually for projects, which represent the outstanding properties of steel in modern architecture. This prestigious award is given this year again to the Unger Steel Group as the contracted steel company. Other project partners included the team of architects Hotz, Hoffmann and Wimmer and the client ÖBB Infrastruktur AG. The award gala was held at the annual ECCS convention in Istanbul.

"We are proud to be receiving this prestigious prize for the third time. The diamond-shaped roof does not only have major significance as our signature project, but it will also welcome travellers from around the world with its appealing architectural form at the new Vienna Central Railway Station – Europe's new transit hub. It gives the station international meaning", explained Josef Unger, CEO Unger Steel Group.

The art of steel construction in Austria.

The new Vienna Central Railway Station has already earned itself a reputation as one of the most significant multi-modal hubs within the trans-European rail network. Approximately 7,000 tons of steel were assembled for the widely visible 37,000 sqm roof structure, which is equal to the quantities used for the Eiffel Tower in Paris. Generosity, openness and functionality characterise the entire Vienna Central Railway Station as much as does its visual highlight, which has already won multiple prizes, with a maximum length of 260 m and a maximum width of 120 m. Consisting of 14 individual diamond segments, the roof spans five platforms and is suspended six to 15 m above the platform level. Each individual diamond crafted from poles and junctions is a testimony to Austrian craftsmanship. For the entire diamond-shaped roof including the piazza canopy, more than 57,000 profiles, 286,000 plates and
340,000 screws were used. "Steel is the ideal building material for implementing architectural structures like the diamond-shaped roof - a masterpiece made of rods and joints. The structure appears slender and stylish and is also extremely durable. This major project was extremely challenging from a technical, logistical and scheduling aspect, requiring solution mindedness and flexibility. We are very proud to be receiving the European Steel Design Award for the third time already", explains Bernd Mühl, Head of Division Steel, Unger Steel Group.

Perfect planning and logistics.
35 Unger Steel Group experts were necessary to merge the ambitious architectural requirements with the technical necessities. Thanks to comprehensive expertise in all construction-related areas, more than 60 years of experience in steel construction and the use of state-of-the-art software, this complex project was completed on time as a logistical feat.

About the European Steel Design Award.
The European Steel Design Award was established in 1973 by the European Convention for Constructural Steelwork. Eligible for the award are full members of ECCS, with each member state receiving one award. The purpose of the European Steel Design Award is to raise awareness of the outstanding design in steel construction and to highlight the economic, logistical and architectural advantages of steel. The Unger Steel Group won this award for the steel construction of the diamond-shaped roof at the Vienna Central Railway Station.

Facts and figures

| Project: | Roof structure of the transport depot and “Anlage Ost” (east site) at Vienna central railway station |
| Awarding authority: | OBB Infrastruktur AG |
| Architects: | ARGE “Vienna team” comprising of consultants Werner Consult Ziviltechniker GmbH, ISP Ziviltechniker GmbH, Stoik und Partner Ziviltechniker GmbH, Tecton Ziviltechniker GmbH and consultant engineer Wilfried Pistecky. On behalf of the Vienna Team, architecture planning in the transport depot area is being realised by architects Theo Hotz AG, Prof. Dipl. Ing. Erst Hoffmann ZT-GmbH and Albert Wimmer ZT-GmbH, and in the South and East areas by architects Zechner & Zechner ZT-GmbH. |
| Services rendered by the Unger Steel Group: | Steel construction: Supports, roof structure, tubular lattice pylons, overhead contact line components, maintenance walkways within diamond roofs, glazing and sheet metal working |
| Scope: | Approx. 37,000 m² roof area and sub-layers. Of which: About 22,500 m² diamond roofs / about 12.870 m² individual platform roofs / 1,554m² piazza canopy |
| Amount of steel: | 7,000 tons |
| Component parts: | Around 57,000 profiles, 286,000 metal sheets and 340,000 screws for the entire diamond-shaped roof and the piazza canopy |

Austrian Federal Railways: Austria’s major mobility service provider
As a comprehensive mobility service provider, the Austrian Federal Railways facilitates the environmentally-friendly transport of goods and people in all of Austria. It has earned a reputation for being one of the most punctual railways in Europe. Employing 39,833 people for...
rail and bus transport (35,990 of whom in Austria and 3,843 internationally along with 1,814 trainees) and generating approximately 6.27 billion EUR in revenue, the Austrian Federal Railways corporation is one of the major economic players in the country. Its strategic parent company is ÖBB-Holding AG.

About Unger Steel Group.
As an Austrian group of companies operating in the construction industry, Unger Steel Group is one of the leading and internationally most successful industrial companies in Europe. Its core competences lie in the fields of constructural and architectural steel, as well as project development and the ready-to-use delivery of complete projects as a general contractor; certified to ISO 9001:2008. In more than 20 sites in Central and Eastern Europe as well as the Middle East, regional experts offer access to all of the group’s services. The two production sites with a total of 70,000 total capacity per year - in Oberwart (Austria) and Sharjah (United Arab Emirates) - allow the completion of a large variety of projects. The family business with app. 1,200 employees was founded in 1952 and has a top credit rating. The Unger Steel Group is the leading steel construction company in Europe. [www.ungersteel.com](http://www.ungersteel.com)

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