Press release

On-time completion of the diamond-shaped roof of the Vienna Central Railway Station

Unger receives follow-up commission for north-west canopy roof

(Vienna, March 27, 2014) - The on-time completion of the diamond-shaped roof of the Vienna Central Railway Station, which has already won multiple prizes, by Unger Steel Group has been one of the most challenging recent steel construction projects in Austria. Approximately 7,000 tons of steel were assembled for the widely visible 31,000 sqm roof structure, which is equal to the quantities used for the Eiffel Tower in Paris. 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. The spectacular roof made of steel and glass components is a beacon of modern mobility and functionality, giving the train station a unique presence and international significance. However, Unger won't rest on its laurels for long after the successful completion: the steel construction specialist received another bid for roofing over the north-west canopy in the direction of Südtiroler Platz. On-site steel construction works for the project will begin in June 2014.

The art of steel construction in Austria.
Generosity, openness and functionality characterise the entire Vienna Central Railway Station as much as does its visual highlight, the significant 200 m long and 120 m wide diamond-shaped roof. 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.

Austrian Federal Railways' project manager Karl Hartig: "The Vienna Central Railway Station is one of the signature projects generously funded by the Austrian Federal Railways. We are creating a modern international transit hub in the heart of Europe and the centre of the city. At the same time, we have laid the groundwork that will allow for rail mobility in the future to be facilitated in a comfortable, environmentally-friendly and sustainable fashion."

"We are proud to have made such a significant contribution to realizing this cutting-edge project in Austria which is set to shape Vienna's urbanscape in a lasting manner. We thank the Austrian Federal Railways for their trust, since our success is founded on long-term partnerships like this one. The follow-up commission for the roof of the north-west canopy further attests to a good and successful collaboration and is a testimony to our expertise," explains Matthias Unger, Sales and Business Development, Unger Steel Group.

Architect Albert Wimmer: "The Vienna Central Railway Station is not just an important transit hub and impetus for urban development. It is also at the same time a hub in a city that demonstrates its openness
toward Europe and symbolises a unified Europe through the layout of rail tracks in all directions. The diamond-shaped roof further contributes to this ideal, creating an architectural icon with its dynamic shape, rhythm and suspended design as a symbol of the metropolis and music capital of Vienna."

**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.

**Completion in two stages.**

The entire roof was constructed in two building stages. In the first stage (May 2011 to July 2012) approximately 60% of the steel construction, including the roof cladding, the soffit and the glazing were completed. This marked the completion of the piazza canopy, eight diamond segments and three individual platform roofs. Following the partial opening of the train station in December 2012, passengers found shelter for the first time beneath the inviting and partially translucent roof. Between August 2012 and April 2014 the remaining six diamonds and two individual platform roofs were finalised and presented to the client on time. In December 2015, the Vienna Central Railway Station is set to resume full operation and the impressive view of the diamond-shaped roof with its outstanding design will remain a lasting final impression of the capital city for more than 145,000 passengers every day.

**Follow-up commission for the north-west canopy.**

However, Unger won't rest on its laurels for long after this successful completion: the steel construction specialist received another commission for the roofing over of the north-west canopy in the direction of Südtiroler Platz. On-site steel construction for the project will begin in June 2014. Unger specialists are already hard at work, planning the approximately 473 sqm attractive glass-steel roof of the north-west canopy. The temporary protective roof will be dismantled over the next few weeks and work on the ca. 95-ton steel substructure will begin in June 2014. Based on a ribbed and coated steel structure, the roof glazing will be constructed using aluminium and steel frame sections. The stainless steel-glass design infuses the structure with elegance, opening the canopy of the station to Südtiroler Platz. Passengers will find comfortable seating below the canopy roof, where they can while away the time waiting for buses (13A, 69A) or walk to the lifts and escalators of the station building protected from wind and weather. The logistics of the construction project pose a particular challenge: access to lifts, escalators and buses must remain unobstructed during most of the construction process.

**Collaboration based on partnership.**

As an international family-run business that distinguishes itself by authenticity, Unger does so through short decision paths, reliability, on-time completion, interdisciplinary and transnational expertise as well as individual
solutions. The specialist in architectural and structural steel construction and general contracting offers all services, ranging from planning through to ready-to-use completion from one source.

Vienna Central Railway Station: one of the largest infrastructure projects in Austria.
The new Vienna Central Railway Station is one of the largest infrastructure projects in Austria. The station building will be opened in autumn 2014. Coinciding with the introduction of the new timetables in December, the first long-distance trains will stop at the Vienna Central Railway Station; the tracks will all be completed by late 2015, when the station will become a fully functioning international transit hub.

Facts & Figures.

Diamond-shaped roof and piazza canopy:
- 14 diamonds with 19,200 sqm
- 5 individual platforms with 10,200 sqm
- Piazza canopy with 1,554 sqm
- Tons: 7,000

North-West canopy:
- Construction time: summer 2014
- Area: 473 sqm
- Tons: 95

Awards.

Austrian Steel Design Award 2013
SOLID-BauTechPrize 2012

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.
The Unger Steel Group is one of Europe’s leading and internationally most successful industrial companies. 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. As a one-stop shop, the Unger Group offers comprehensive and customer oriented solutions and proofs over 60 years of competence in the sector of high-quality steel construction as well as in holistic project handling. Besides the Headquarters in Austria, about 20 subsidiaries throughout Central and Eastern Europe and the Middle East enable local access to all services of the corporate group. Two production sites - in Austria and Sharjah (UAE) – with a capacity of 70,000 tons annually ensure a wide range of projects - starting from small projects to complex construction projects. Unger is well-known for its comprehensive product range, the know-how in each branch, on-time delivery and the customer-oriented full-service. Europe-wide, the Unger Group is the number one in steelwork.

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