

seele

25 years of seele pilsen
your specialist for
precision-engineered steel
and façade structures



1996 Founding, first project:
Pfizer Headquarters, rooflights



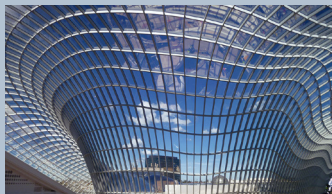
2014 Intercontinental Hotel
Davos, Switzerland



2001 Orangery, Prague
Castle, Czech Republic



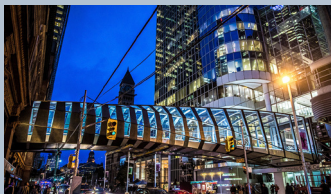
2016 Chadstone Shopping
Centre, Australia



2008 Westfield Shopping
Centre, UK



2017 TEC Bridge, Toronto,
Canada



2011 King's Cross Station, UK



2020 Moynihan Train Hall,
USA



Since it was founded in 1996, seele pilsen signify has stood for high-quality solutions in the architectural steelwork segment. The employees design and fabricate unique high-precision steel structures for architectural highlights all over the world.

From design to production to dispatch – seele pilsen is responsible for all aspects of structures made from steel, stainless steel, brass and other materials. And every project is unique, which makes bespoke solutions based on challenging concepts simply part of the company's daily business.

Congratulations!

seele pilsen supplies the steelwork for virtually all of our projects. The seele plant in Plzeň was established back in 1996 and since then has been regarded as a pioneer and an innovative partner for architects and clients. The very latest planning methods and newest machinery together with outstanding manual skills ensures that all the steel items produced here comply with the demanding technical and aesthetic specifications of our projects.

Within the group, seele pilsen has proved to be a driving force behind innovations. Whether the work concerns the development of member-node systems, modular plug-in systems or the 3D bending of sheet metal, the enthusiasm for steelwork is tangible. At this point I would like to thank all the employees for everything they have achieved so far. I am also very grateful to Mr. Hartl, who has managed the company since it was founded and whose technical experience and professional attitude have resulted in outstanding accomplishments again and again. The group is delighted to be able to count on seele pilsen.

Gerhard Seele, Shareholder

Twenty-five years after founding seele pilsen, I can say that choosing Plzeň as the location was definitely the right decision. Above all, the traditional links with heavy manufacturing have helped seele when it comes to finding skilled workers. The good qualifications of the production staff, technicians and engineers plus the reliable employees in the administrative departments are still paying dividends today. We began looking for a location in the Czech Republic in the summer of 1995. Our journey took us via South Bohemia and Prague to Plzeň. We had no doubts when it came to choosing Plzeň, where we began in a rented property. After we relocated to a new building on the "Borská pole" industrial estate south-west of Plzeň, seele pilsen was able to evolve into a technology hub for architectural steelwork. Modern offices, a state-of-the-art production plant, the international outlook of the seele group and the contribution to unique projects characterise us as an employer.

The most complex façade designs with the most diverse requirements regarding materials and surface finishes are developed and produced in Plzeň for applications worldwide. Our precision work and quality of execution place us among the top global players.

Personally, it gives me great pleasure to work together with this outstanding team, and I would like to thank all the employees for their dedication and the good cooperation. We can view the future with optimism and look forward to many more demanding façade projects all around the world.

Günter Hartl, Managing Director, seele Pilsen



1999–2000

The Plzeň plant was opened in September 2000

4 project highlights

designs by seele pilsen – cornerstones for architectural milestones



- 1 Trial assembly of the entire steel structure at the seele pilsen works.
- 2 Weld seams carried out with maximum precision.
- 3 The finished bridge in Dusseldorf.

Capricorn Bridge, Dusseldorf/Germany, 2019

Some 40 t of steelwork were used to build an enclosed tube-like structure consisting of eight polygons, longitudinal ribs and diagonals all fabricated by seele pilsen with maximum precision. Prior to erection on the site in Düsseldorf, the entire primary structure was trial-assembled and checked at the seele pilsen plant.

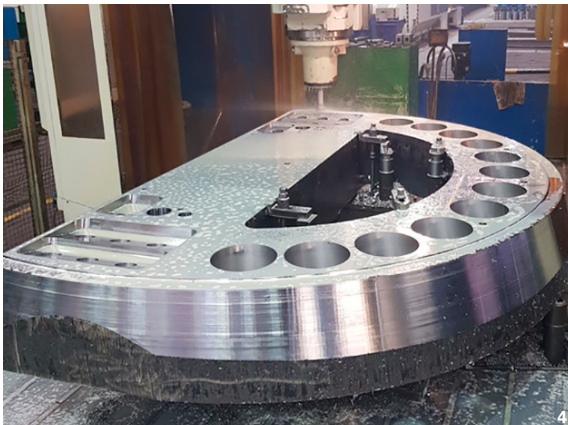


East End Gateway, New York/USA, 2020

seele pilsen fabricated the complex steel structure for the entrance to Penn Station in New York. The approx. 12 m high canopy has become a real eye-catcher at New York's most important transport interchange.

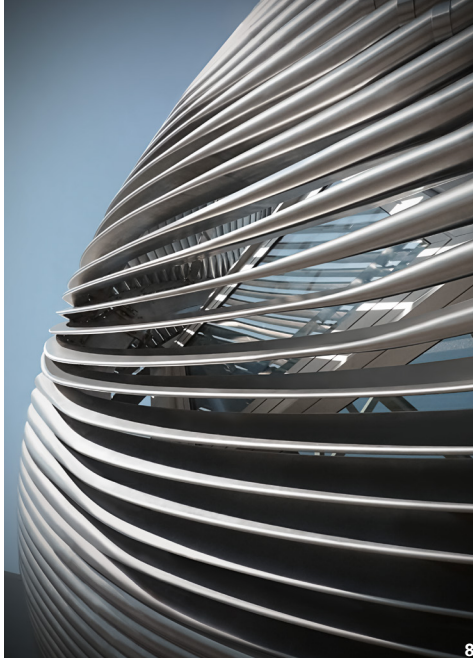
A total of 105 t of steelwork, 139 panes of glass in double curvature and 60 mild steel panels in double curvature were produced and set up on site. The special geometry, the high demands placed on the steelwork and the local circumstances at the site in the heart of Manhattan made every phase of the project a real challenge.

- 4 The "crown" was milled in one piece from almost 400 mm thick solid steel.
- 5 The entire structure was set up at the seele pilsen plant for test purposes before being shipped to the USA.
- 6 The finished entrance to Penn Station on 33rd Street in New York.





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- 7 The bending machine at seele pilsen.
- 8 Around the windows, individual tubes taper to let daylight through into the interior.
- 9 The various buildings of the complex rise like pebbles from the desert.

King Abdulaziz Center for World Culture (KACWC), Dhahran/Saudi Arabia, 2016

This complex erected in the middle of Saudi Arabia's oil-fields makes use of a form of construction never built by seele before: 350 km of stainless steel tubes curving in three dimensions create a façade with an area of 30,260sqm. seele pilsen developed a new production method for manufacturing each of the tubes using an elaborate mechanism and intricate measuring techniques according to the 3D data supplied by the design team.



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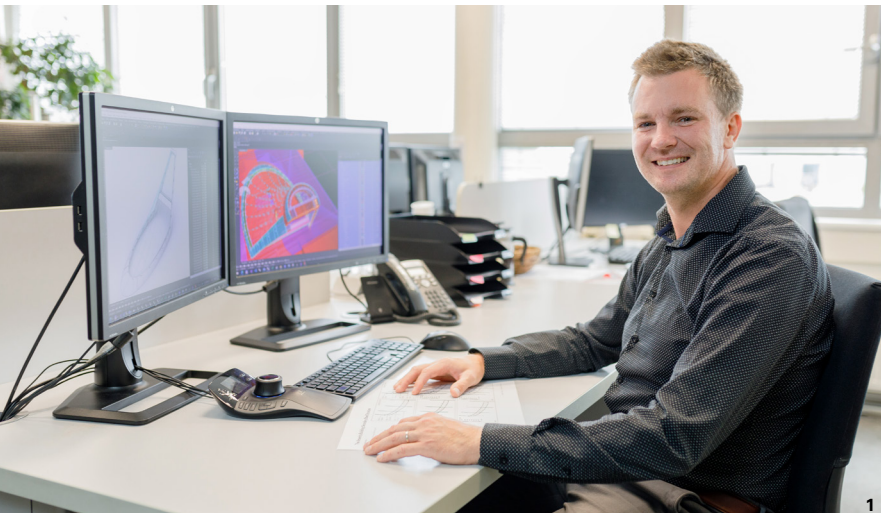
Château Margaux, Margaux/France, 2014

In 2014 a delicate structure with 12 steel branching columns was designed for a new building at the world-famous "Château Margaux" wine estate in France. seele pilsen was able to transform heavy steelwork into a delicate structure with maximum quality and at the same time take into account the special structural requirements. Each column was assembled from plates, some of them with three-dimensional forms, welded together to form a structure that does justice to the architectural design



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- 10 The finished new building, "Nouveau Chai"
- 11, 12 High-quality machining of weld seams and surfaces results in aesthetic columns with a slender appearance.

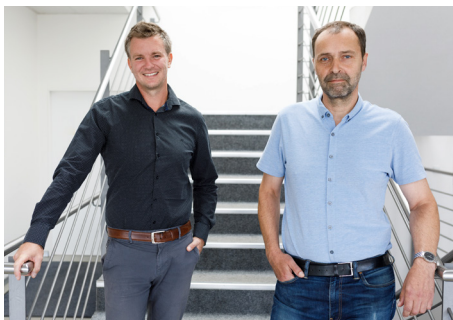


3D design, flying sparks and heavy metal. Whether in design, production or back office, you can be part of our team and contribute to creating architectural highlights!

Designs created by seele pilsen are anything but customary, being mostly based on challenging architectural concepts. Expertise is in demand here! International projects always involve new challenges and tasks, which results in work that is exciting and diverse. At seele pilsen, all our employees grow with their tasks. For example, the job description of a designer has changed in recent years. Our designers are involved in all stages of the building envelope creation process – from the first ideas to detailed design and planning the fabrication in the works.

- 1 The 3D design of challenging components undergoes further development in the design office.
- 2 Design and production working closely together (left to right): Ing. Zdeněk Korec, Ing. Martina Lupáčová, Günter Hartl.
- 3 Measuring a component with the help of a 3D laser scanner.

"I'm a designer and have been working at seele pilsen now for 11 years. I work as a programmer and develop solutions that prepare complex geometries so that, in the end, we can fabricate them, too. Architects' designs are becoming ever more multifaceted and unconventional, and it is our task to turn these into reality using the very latest technology. At the moment I'm also working with a team on the development of applications for VR headsets. seele pilsen gives you many opportunities to develop further and take part in exciting projects."



Pavel Šuch, CAD/CAM Development Specialist

"I joined seele pilsen as a designer in 1998. Today, I'm the manager of the Design Department and can look back on many prestigious projects. When it comes to geometrically challenging free-form steel structures, we pay great attention to delicacy, accuracy and processing quality. To do this, we make use of the very latest technology and employ 3D specialists throughout the work – from conception to implementation. What I find particularly inspiring in my work is the technical complexity of the designs and the way our work is appreciated by others."

Ing. Zdeněk Korec, Head of Design



"After 25 years at seele pilsen, I can say that the work is never boring, because there are always new products and challenges to deal with. And that's what I really enjoy about my work here. The development never stands still. For example, these days the three-dimensional shaping of sheets and plates is a topic that occupies us intensely, a topic that calls for steelwork expertise and skilled personnel. I qualified as a Production Master six years ago, but began here as a welder and metalworker. The Château Margaux project in France was especially exciting because I was involved in both the fabrication and the erection on site. Anybody who joins us here can expect diverse tasks but also a stable employer offering job security."

Vilém Reinl, Production Master

"What I like about working for seele are the diverse, non-standard projects. I'm also about to take part in a one-month internship at group company se-austria, where I can gain further design experience."

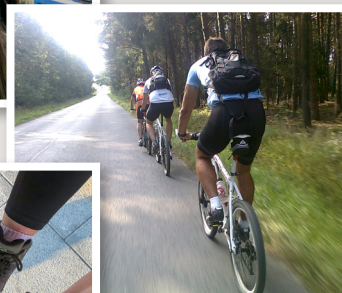
Bc. Pavel Nový, design trainee

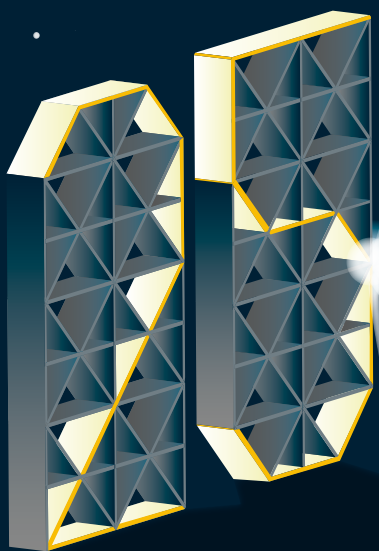
"At the moment I'm getting practical experience in seele pilsen's Design Department. That gives me the chance to put into practice what I've learned during my studies. I'm currently working on a project in Brisbane."

Bc. Zuzana Tomanová, design trainee



BBQ event, table-tennis tournament or cycling tour – even outside working hours there is always something happening here!





years of
seele
pilsen

Credits

Publisher:

seele pilsen s.r.o.
Podnikatelská 13
301 00 Plzeň
Czech Republic
Phone: +420 377 432 811

If you have any questions or suggestions, please write to us:
seele.cz@seele.cz

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