



Special roofing construction in Germany

STRUCTURAL STEELWORK

MACHINE BUILDING

ENGINEERING

Dear Mustermann,

"it works"

The ambitious idea of revolutionizing constructional steelwork with automated solutions for the assembly and welding of steel structures has been effectively implemented. The SBA systems implemented in applications worldwide "function" very effectively and give ZEMAN an appetite for new, innovative solutions in the area of optimized "plate sorting". Here we present for the first time our SPS (Scanning & Plate Sorting) system. The Zeman subsidiary company, HDF, is convincing once again with an impressive roof construction for the automobile and aerospace industries. The Zeman subsidiary company, "ZECO", on the other hand has implemented a striking architectural solution, comparable to the "Toll-gate in Baku", for the roofing of the skating stadium in the German town of Werningrode.

As always, we wish you a lot of pleasure in reading our newsletter,
Your Zeman team

Newsletter 2017/1

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News from News from ZEMAN HDF – the specialist for the design, planning and assembly of geometrically complex dome structures made from steel and glass within the ZEMAN Group

Roof Construction for a Warehouse and Production Building for a Group in the Automotive and Aerospace Industries



On the behalf of the company Hochtief Polska, Zeman HDF designed the roof of a warehouse and production building in Zawada for Hutchinson Polen Sp. Z o.o. – a member of the international group, TOTAL, which is engaged in the production of components for the automotive and aerospace industries. The roof of the 180 x 96m multi-bay building has a ridge height of 10m and was completed in April.

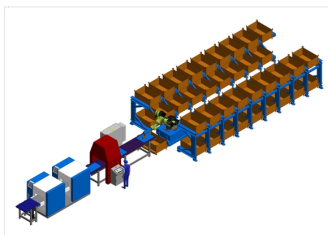
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News from ZEMAN Bauelemente – the mechanical engineering specialists and market leader for the latest welding robot systems (innovative robotic applications) in the ZEMAN Group

SPS – An Innovative Solution from Zeman for Optimum Plate Sorting in Steel Construction



The SPS system brings the idea of rack storage into steel structure production and thereby minimizes the processing time of parts handling.

After the selection of various "smart-options" the machine can not only bring greatly increased efficiency in the processing time of parts sorting and handling, but also complete smart parts handling right up to an entire workshop, together with the achievement of improved quality recording and the incorporated efficiency management of all manual work.

With the inclusion of all options, the idea of an intelligent factory for the production of steel structure components becomes a reality. With Tablet PCs, it is possible to maintain a complete parts tracking system for an entire workshop. In addition, this information can be used subsequently for documentation, efficiency monitoring and cost calculations.

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News News from ZEMAN & Co - the specialists for sophisticated architectural and industrial steel construction in the ZEMAN-Group

Feuerstein Arena – Potato Chip – Roof Construction in Werningrode / Germany



With the roofing of the historic and listed skating stadium in the Schierker district of the town of Werningrode in Germany, the company ZECO demonstrated the possibilities of constructional steel structures. The membrane roof, reminiscent of a potato chip, has a span of 73m and rests on a plate box girder, curved in the top and elevation views, which exhibits a varying cross section and in addition is rotated about the centroid axis.

[Links to our international companies](#)



Impressum:

Head office: Zeman Beteiligungsgesellschaft mbH
Schönbrunner Straße 213-215
A-1120 Vienna
Austria

Tel.: +43 1 81414 - 0
Fax: +43 1 8122713
E-Mail: info@zeco.at
www.zeman-stahl.com
www.zebau.com

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