



PLAUEN STAHL
TECHNOLOGIE




We
live
steel.



PRECISE, POWERFUL, CUSTOMER-ORIENTED.





We live steel.

● STEEL IS EVERYWHERE.

We specialise in planning, manufacturing, logistics and assembly of steel structures of bridges, building construction and plant structures and of hydraulic steel structures.

● STEEL IS A CHALLENGE.

In addition to the classic steel construction, our strengths are heavy structures with special precision and load-bearing capacity requirements. We deliver reliable, approved quality while ensuring high adherence to deadlines.

● STEEL IS TRADITION WITH FUTURE.

Modern technologies, powerful equipment and the know-how from numerous large projects in several decades make us a major steel construction player in Germany.

● PLAUE STAHL TECHNOLOGIE.

One of the most powerful and most innovative steel construction companies in Germany and Europe.



HALL AREA:
approx. 32,000 m²



ASSEMBLY AREA:
approx. 10,000 m²



NUMBER OF EMPLOYEES:
approx. 250



CAPACITY PER YEAR:
approx. 20,000 t



CRANE CAPACITIES:
for component weights
up to 160 t

PROJECT MANAGEMENT, QUALITY ASSURANCE, CONSTRUCTION, MANUFACTURE, LOGISTICS AND ASSEMBLY:

everything from
a single source,
made by experienced
specialist staff on
modern machinery

CERTIFICATES



Mobility
Networks
Logistics





PROJECT MANAGEMENT

Our project managers are your reliable points of contact in all project phases from the start of the project to its completion.



QUALITY ASSURANCE

There is no question about quality.

OUR PILLARS OF QUALITY ASSURANCE ARE:

- Integrated QA management system
- Own production control including corrosion protection
- Own qualified NDT staff (MT, UT, VT, PT, level 2)
- Consistent EDP-supported tracking





CONSTRUCTION AND WORK PREPARATION



Construction means to us:

Realisation of customer requirements according to applicable standards with highest demands for precision and economic feasibility. State-of-the-art 3D AutoCAD systems, integrated interfaces and a top qualified team ensure efficiency and quality.



MANUFACTURE



Modern machinery, highly developed vertical range of manufacture and broad range of production, comprehensive experiences: Complicated manufacturing processes also run reliably and according to plan. Quality and adherence to deadlines are ensured by quality assurance, component tracking and feedback systems and an integrated capacity planning.



LOGISTICS



An own rolled material storage and best conditions for preassembly, intermediate storage and dispatch:

We also ensure safe project work flows, adherence to deadlines, traceability and comprehensive project management from one single source in logistics.



ASSEMBLY



Assembly included.

Upon request, we are also your reliable partner for assembly.



MACHINERY

Submerged arc welding gantry



Chamfering robot



Welding gantry for SAW / MAG tandem / hybrid welding





Horizontal boring mill and rotary grinder

- Integrated CAD and ERP systems
- State-of-the-art CNC cutting centres for profile and plate processing
- Automated high-duty welding plants
- State-of-the-art CNC centres for mechanical machining
- Powerful measuring equipment
- Crane systems for component weights up to 160 t

HISTORY





PROJECTS

D Danube, Kachlet weir



E Schmiedewerke Gröditz, crane girder replacement



E Dortmund, guideways for elevated railway



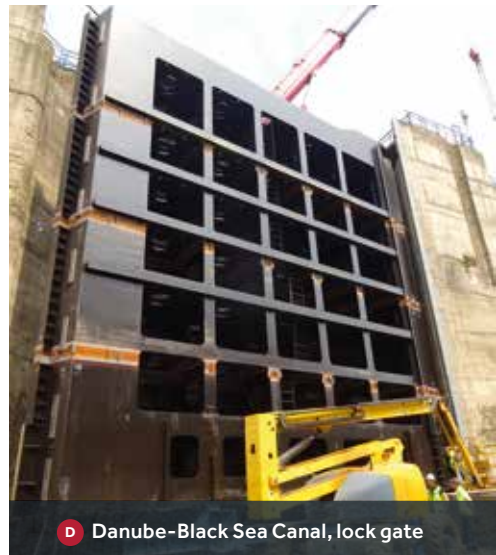
C Dillinger Hütte, extension of hall



B F60 conveying bridge at Nochten, pulley carrier



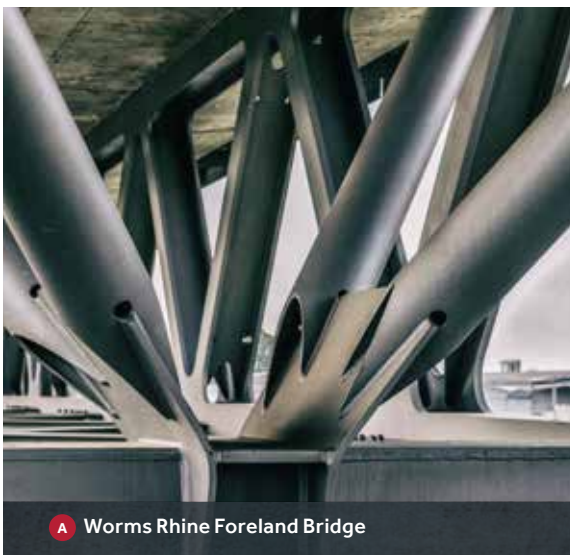
A Niederwartha Elbe Bridge



D Danube-Black Sea Canal, lock gate



B Sostanj Power Plant, boiler support steel work



A Worms Rhine Foreland Bridge



A Schierstein Rhine Bridge



A BRIDGE CONSTRUCTION

- Railway bridges
- Road bridges

... Various bridge types, such as:

- Girder bridges
- Trough bridges
- Arch bridges
- Network arch bridges
- Cable-stayed bridges
- Prefabricated composite girders

... Designed as all steel bridges or composite bridges erected with different methods such as:

- Lifting technique
- Incremental launching
- Cantilever construction
- Lateral and transverse launching
- Floating into position, and others

B PLANT CONSTRUCTION

- Power plant construction (boiler, bunker, air heater scaffolding, supporting steel work)
- Steel and rolling mills (steel construction for foundries and blast-furnaces, coking plants, etc.)
- Conveying plants (raw material conveying/transport for open-pit mining, open-pit mining equipment)
- Platforms for on-shore/off-shore raw material extraction

C BUILDING CONSTRUCTION

- Canopy over large areas such as fair halls and shipyard halls, production halls and warehouses in heavy industry

Supporting and roof structures of:

- Railway stations
- Airports
- Stadiums
- Aeroplane hangars
- High-rise buildings

D HYDRAULIC STEEL STRUCTURES

- Inspection covers
- Lock gates (vertical, slide, mitred lock gates)
- Tidal barrages

E COMPONENT CONSTRUCTION

- Crane track girder manufacture and crane track girder service (heavy industry)
- Crane systems: Crane bridges
- Guideways (elevated railways)
- Machine scaffoldings in heavy industry
- Components of heavy machinery, large equipment and plant construction



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TECHNOLOGIE**

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