



Complex solutions for railways



About us

The Hering Group is a family-run, medium sized company based in Burbach (North Rhine-Westphalia), and since its foundation more than 120 years ago it has evolved into a specialist for system solutions for the implementation of rail infrastructure projects as well as for products in public spaces and architectural concrete façades.

One of the benefits of medium-sized enterprises is their flexibility as economic and social organisms.

The Hering Group has a staff of about 450 persons. Since its foundation we have seen the company as an association of many individuals who contribute their creativity, time and energy to it. To us, innovation is part of the responsibility towards the customer.

Quality:

Our enterprise is a platform on which a building culture is fostered, durable constructions are created and constructed projects remain stable in value. Consistent quality management and regular audits underline this claim.

Environment:

The sustainable use of natural resources is a living element of our company practices and is constantly being optimised. We want to contribute to the protection of the environment and its preservation with our certified environmental management system according to EMAS and a resource-saving production.

Occupational Safety and Health Management:

An occupational health management has been implemented for the benefit of all who are linked with the company. In addition, the association of the German building trade certifies that the Hering Group meets the requirements of systematic and effective occupational safety based on AMS Bau (09/2005) (German Social Accident Insurance Institution for the building trade).



Traffic route construction

The traffic route construction division of the Hering Group has been growing continually for decades. Based on this growth as well as the know-how and innovative ability of its staff, further development of the range of services and high-performance machinery Hering successfully meets the demands of the domestic and international railway market.

The Hering Group has constantly been expanding its capacities, know-how, competencies and geographical presence. In Germany, traffic route construction is handled by the three locations Burbach, Essen and Elsterheide. Traffic route construction is subdivided into the competence areas of track construction, civil engineering, system roofs and system platforms, rail-bound heavy machinery technology as well as rail and road noise protection measures. It is particularly the interaction of these areas which ensures that the Hering Group is able to implement even very complex rail infrastructure projects in-house and with a great production depth. This is a great advantage for our customers as they obtain all services from a single source without having to communicate with numerous contact persons. In addition, the individual areas provide customer-oriented solutions for the operators of branch lines, tramways and dock railways as well as for private railway infrastructure companies. The Hering Group can rely on a powerful machinery fleet and highly-qualified experts for the implementation of the work.

successful



Track and point renewal

- Ballast track
- „Dresdener Oberbau“ design
- Slab track

Track and point repair

- Rail replacement
- Sleeper replacement
- Replacement of pre-assembled point parts
- Maintenance agreements
- Framework agreements

Underground cable engineering

- Cable pits
- Cable ducts
- Track crossings
- Cable laying

Track and point inspection

- Inspection agreements
- Maintenance agreements

Level crossing renewal and repair

- Replacement of level crossing surfaces (asphalt, concrete and rubber)
- Civil engineering work for level crossing safety systems

Railway-specific civil and underground engineering

- Deep drainage
- Formation rehabilitation

Customers

- DB Netz AG
- DB Station & Service AG
- Branch lines
- Tramways
- Dock railways
- Industrial main lines
- Private railway companies / railway infrastructure companies
- Main contractors / construction companies

qualified

Track construction

Our core competencies are in the field of the renewal of tracks, points and level crossings (conventional construction as well as assembly line techniques). The service portfolio is complemented by railway-specific civil and underground engineering and buried cable construction, track and point inspection as well as emergency measures (disaster recovery).



Civil engineering

We are specialists in rail-based civil engineering services. This range includes the construction and rehabilitation of platforms or passages, construction of pedestrian underpasses and railway overpasses as well as modernisation of passenger stations.

Construction of new platforms / platform extension

- Conventional
- Prefabricated parts
- Special construction

Platform renovation

- Temporary solutions
- Height adaptation
- Conversion

Pedestrian underpasses / railway overpasses

- New construction
- Reconstruction
- Maintenance
- Lifts and stairs
- Modernisation and adaptation

Passages

- New construction
- Reconstruction
- Piping
- Maintenance

Craneways

- Craneway reconstruction
- New construction
- Maintenance

Customers

- DB Station & Service AG
- DB Netz AG
- Public transport services
- Dock railways
- Private railway companies / railway infrastructure companies
- Main contractors / construction companies

know-how

New construction of prefabricated modula® platforms

- External platforms
- Island platforms
- Special constructions

Rental of modula® temporary platforms

- Temporary platforms for construction phases, events or disaster cases
- Temporary platform raising

Subsequent raising or lowering of existing platforms

- Raising of conventional platforms in modula® light and modula® flex system design
- Subsequent raising or lowering of prefabricated modula® type platforms

New construction of urban combined bus and rail platforms

- Special types

New construction of surface platforms

- modula® light design

Additional equipment for prefabricated platforms

- modula® flex supplementary system
- Insulated platform surfaces
- Prefabricated ramps, platforms or staircases
- Constructive fastening for noise barriers or screen walls
- Constructive fastening for platform roofs

Customers

- DB Netz AG
- DB Station & Service AG
- Local railway operators
- Municipal transport authorities
- ÖBB (Austria)
- Network Rail (Great Britain)
- DLR (Great Britain)
- LUL (Great Britain)
- Banedanmark (Denmark)
- CFL (Luxembourg)
- Main contractor / construction companies

innovative

System platforms solutions

The system platforms from the modula® family have established themselves in Europe by now; in particular in Great Britain and also in Austria “made in Burbach” can be seen at numerous stations and platforms. Due to the high degree of prefabrication the installation time is reduced to a minimum, thus ensuring a very low influence on regular operation.

System roofs

The experience gained from more than 100 successfully completed roofs ensures process, quality and cost certainty for our customers from planning all the way to completion. To achieve an optimum outcome of the project, Hering provides support in planning your building project from the first hour.

All system roofs from the Hering Group are characterised by a high degree of prefabrication, modular design, economic efficiency and fast installation.

Design, manufacture, supply and installation of platform roofs

- System platform roof "Bodenheim type" (roof system approved by DB AG)
- System platform roof "Bodenheim light type" (roof system approved by DB AG)
- Ramp- and staircase-enclosures
- Platform roof refurbishment

Design, manufacture, supply and installation of roofings for rail passenger transport / local public transport

- System roof STiKK®
- HSM System® platform roof
- Roofing systems for bus stations
- Individual roofing solutions

Customers

- DB Netz AG
- DB Station & Service AG
- Public transport services
- Cities and municipals
- Main contractors / construction companies

systematic



Noise protection

For the Hering Group, active environmental protection is an essential part of the company philosophy. Therefore, in addition to our other areas of expertise, since 2011 we have been focusing on construction projects in the field of noise protection on railway lines, but also on the road. With values of approx. 10 dB, noise protection systems from Hering already comply with the targets of the DB AG (German Railways) stipulated in its Strategy DB2020 to reduce railway traffic noise by half on average by 2020.

Noise barriers

In addition to standard noise barriers, Hering specialises in high-speed lines with speeds up to 300 km/h (186 mph).

Services:

- Consulting, planning, statics and complete construction - everything from a single source
- Highly absorbent aluminium and concrete elements
- Reflective, transparent elements
- Special constructions such as torsion bars

Innovative, low noise barriers

Wherever it is not possible to build high noise barriers for reasons of monument conservation, preservation of landscapes and townscapes or the avoidance of fragmentation effects, our low noise barriers such as gabions and H-shaped concrete blocks are perfectly suited.

The sound is absorbed by up to 6 dB directly or close to the source. When combined with rail web dampers both systems can reach the noise reduction values of a high noise barrier.

Mutual benefits

- Unobstructed view for travellers and residents
- Shallow foundation - no pile-driving or drilling required (noise barrier already in the construction phase)
- Durable, maintenance-free and recyclable
- Accessible in case of unplanned stop of trains, equipped with ladders
- Components can be removed and replaced individually if necessary

Customers

- DB Netz AG
- DB Station & Service AG
- Public transport services
- Cities and municipalities
- Main contractors / construction companies

environmental

Rail-bound heavy machines

The Hering Group has gained a good reputation far beyond the borders of Germany with its extensive fleet of rail cranes. Various railway slewing cranes with a maximum lifting capacity of 45, 50, 100, 125 and 150 metric tons as well as MFS wagons and a loading station are available for the management of our construction work or for construction projects of third parties

Railway cranes

- 2 x 45 t crane, unobstructed (Gottwald GS 40.08)
- 1 x 50 t crane (Kirow EDK 300/5)
- 2 x 50 t crane, unobstructed (Kirow KRC 400 and Telvar 50)
- 1 x 100 t crane (Gottwald GS 100.06)
- 4 x 125 t crane (Kirow GS 810 T)
- 1 x 125 t crane (Kirow KRC 910 T)
- 1 x 150 t crane (Kirow GS 1200 T)

Applications

- Points up to 2500 m radius
- Larger points in tandem method
- Track sections up to 36 m length
- All temporary bridges of DBAG to max. 24.5 m (80 ft) width
- Unobstructed assembly of pre-cast concrete parts
- Disaster recovery

Material conveyor and hopper units with loading station (BLS 2000)

- Material conveyor and hopper units: suitable for the loading of excavated material which can be moved, stored and discharged
- Loading station: gathering of excavated material in the coupled material conveyor units

Customers

- DB Bahnbau Gruppe GmbH
- Private railway companies / railway infrastructure companies
- Branch lines
- Main contractors
- Main contractors
- Track construction companies

efficient

Rail-bound heavy machines

For mechanical work related to the maintenance and repair or new construction of tracks and points, the Hering Group as a shareholder uses the track-bound heavy machine technique of MGW Gleis- und Weichenbau-GmbH & Co. KG as well as Deutsche Gleisbau Union GmbH & Co. KG (DGU). This enables us to ensure the permanent availability of powerful and innovative ballast cleaning machines, other MFS and crane technology as well as tamping and levelling technology.

Cleaning machines

- 1 x ZRM 79 (Plasser & Theurer)
- 1 x RM 95 – 700 (Plasser & Theurer)
- 1 x RM 95 – 800 W (Plasser & Theurer)

Material conveyor and hopper units

- 8 x MFS / MFSD (Plasser & Theurer)

Loading station

- BLS 2000 / on-track (Plasser & Theurer)

Railway cranes

- 2 x 125 to crane (Kirow KRC 810 T)

Universal point and track replacement machine

- 1 x UWG (CEMAFER)

Tamping and lining machines

- 2 x 09 – 32 CSM (Plasser & Theurer)
- 1 x 08 – 275/3SY (Plasser & Theurer)
- 1 x 08 – 475/4S (Plasser & Theurer)
- 1 x 09 – 475/4S (Plasser & Theurer)

Fast ballast levelling machines

- 4 x SSP 110 SW (Plasser & Theurer)
- 1 x SSP 110 (Plasser & Theurer)

high-capacity

Certificates - Approvals - Pre-qualifications

Quality, quality control and environment

- Quality management according to DIN ISO 9001:2008
- Certifications from Güteschutz Beton NRW e.V.
- Testing centre E in precast plant
- Certified environmental management according to EMAS
- Specialised company according to German Water Resources Act

Declarations of Conformity, product and conformity certificates

- Conformity and product certificates - modula® platform system
- Declarations of conformity and product certificates - wall elements, rod-shaped components, ceiling panels with ridges (platform elements), foundation components

Pre-qualification

- Structural engineering (cut-and-cover tunnels and framework structures, massive retaining structures)
- Infrastructure construction works in the “Conventional superstructure - ballast” category (superstructure: tracks and lines, superstructure: points and lines, rapid transport >161 km/h)
- Infrastructure construction works in the “Construction under railway traffic” category (earthworks, underground cabling, cable laying)
- Infrastructure construction works in the “Earthworks, underground cabling, cable laying” category (supply and waste pipes and cable management systems incl. civil and underground engineering, cable laying)

Welding

- Manufacturer’s qualification for welding of reinforcing steel according to DIN EN ISO 17660:2006
- Certificate class E for manufacturer’s qualification for welding of steel structures according to DIN 18007:2008-11



S y s t e m e

Hering Bau GmbH & Co. KG
Neuländer 1 · Holzhausen
57299 Burbach
Deutschland
Fon: +49 2736 27-0
Fax: +49 2736 27-256
systeme@hering-bau.de
www.heringinternational.com



B a h n b a u

Hering Bahnbau GmbH
Standort Burbach
Neuländer 1 · Holzhausen
57299 Burbach
Deutschland
Fon: +49 2736 27-0
Fax: +49 2736 27-109
gruppe@hering-bau.de
www.heringinternational.com

Hering Bahnbau GmbH
Standort Essen
Krablerstraße 165
45326 Essen
Deutschland
Fon: +49 201 64952-0
Fax: +49 201 64952-400
info-essen@hering-bau.de
www.heringinternational.com



G l e i s b a u S a b r o d t

Gleisbau Sabrodt GmbH
An der Siebanlage
02979 Elsterheide
Deutschland
Fon: +49 3564 3796-0
Fax: +49 3564 3796-55
info@gleisbausabrodt.de
www.heringinternational.com

www.heringinternational.com