

A world of crane rail expertise.

GANTRAIL®

www.gantrail.com



A world of crane rail expertise

delivered with experience, success and drive.

What does it take to become one of the world's foremost authorities on and providers of crane rail solutions? Passion, commitment, drive and innovation backed with technical and engineering excellence. For more than 50 years our total focus on crane rail solutions has led to our unswerving dedication to outstanding product performance, total client satisfaction and quality in all that we do.

Gantrail - recognised today as the name to trust; we are able to add value to every project we manage, whether through efficiencies in cost, operations or by delivering total peace of mind and cutting edge innovations, we have the experts, the resource and the experience to meet your brief.

GANTRAIL®



Global experience
local support.

The very nature of our business leads us to work with a number of partner organisations on every project. From consultants to contractors, specifiers to distributors, we work alongside all project parties to ensure that there is a totally integrated approach to delivering your solution.

With worldwide representation, we are able to guide, advise and offer direct, on-site support and project management. And with dedicated local representation our experts are able to advise on local customs and regulations offering an additional level of expert service, bringing you greater peace of mind.

We adopt a highly visible approach to every project and ensure that we have a Gantrail expert on hand, working with you through every critical stage of the project.



By employing modern manufacturing processes and utilising technical advances in material technology, the performance of Gantrail products is maximised.

Expansion of our manufacturing capacity has allowed us to provide short lead times on high volume projects.

Investment in the latest design tools including 3D modelling and Finite Element analysis ensures a professional portrayal of rail system design.

Quality People
delivering quality solutions.

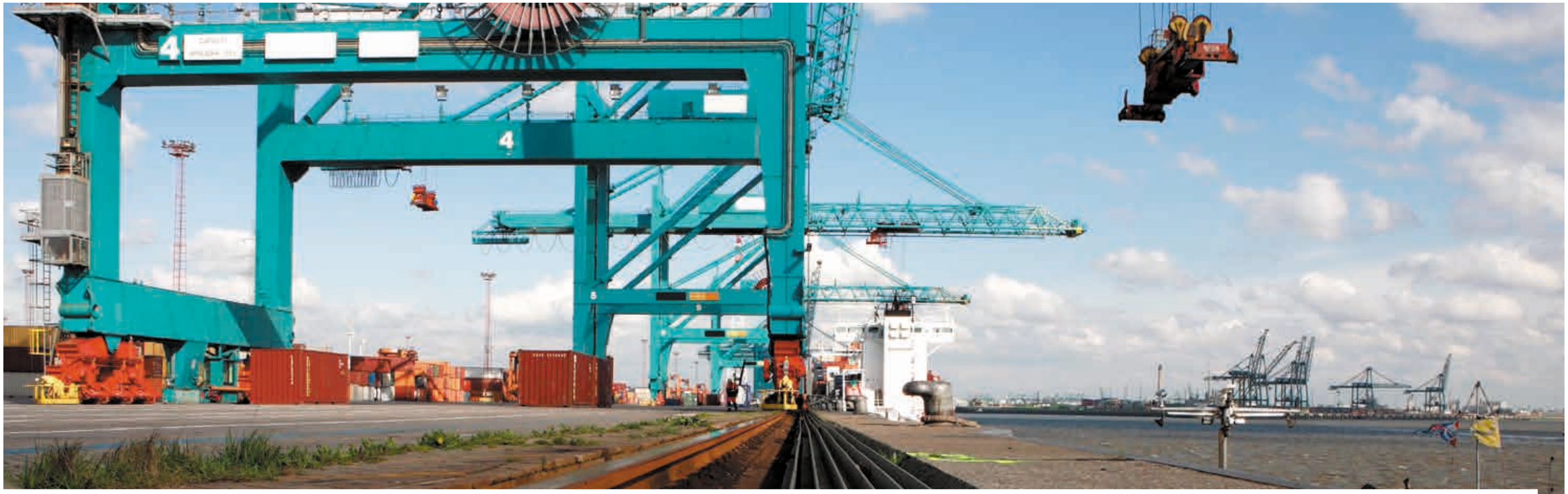
From our state of the art facilities in the UK, our professional designers, engineers and sales support teams work continuously to drive and innovate towards product development to meet the increasing needs of our customers. From engineers through to technical professionals our in-house capability ensures that we maintain a close focus on quality in everything that we do.
Our in-house facilities and expertise enables us to bring innovation to the marketplace through a managed and focused process.



"Following successful completion of the upgrade works on 14 Dock, could you ensure that your suppliers know that we recognise and appreciate their contribution – notably Gantrail."

DML Devonport Royal Dockyard.





Ship to shore
expertise industry wide.

Our solutions have become integral components of many high profile projects worldwide; from the retractable roof at the world famous All England Tennis Club, home to the Wimbledon Tennis Championships, to the Indian Space Research Organisation. In simple terms the Gantrail solution is applicable for any industry where a crane or machine is required to run on steel rails. A selection of industry sectors where successful installations can be already be found include:

- Port Harbours and Container Depots
- Power Stations
- Shipyards and Ship lifts
- Automated Warehouses
- Construction and Industrial Applications



Regardless of sector, we take the time to understand the inherent requirements of each installation; specific to the environment, purpose and operational needs of the working crane rail system. Bringing our experience from other industry sectors we are able to provide lateral solutions and recommendations for each project – enabling a consistent focus on best practice innovations for overall project success.



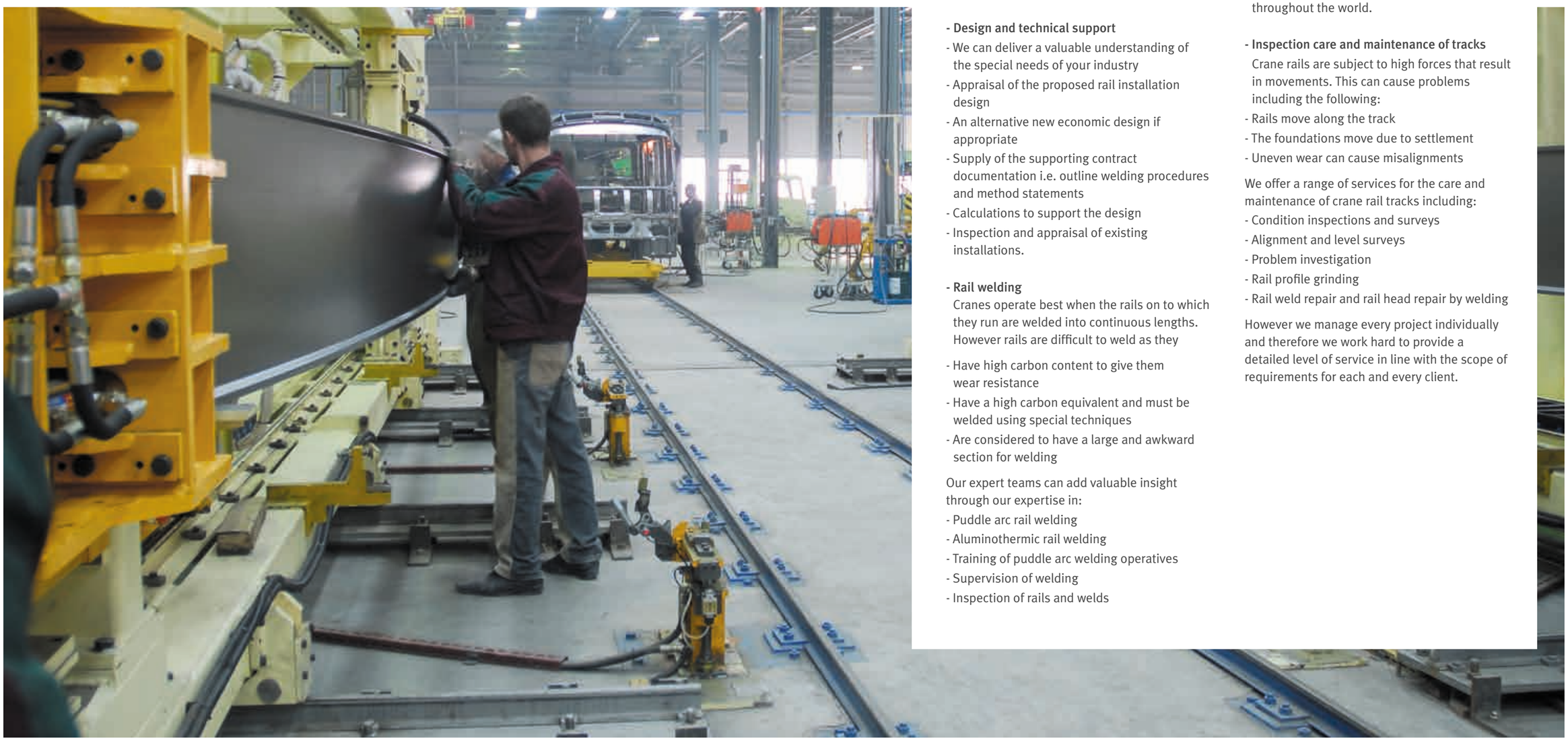
“Our client has written to us expressing their appreciation and congratulations with respect to successfully achieving rotation recently. Gantry Railing’s input has been absolutely vital to us having been able to achieve this important milestone and your input is similarly acknowledged.”

Butterley Eng. Contracts manager, Falkirk Wheel Boatlift Project.



With you
every step of the way.

In our experience, the most successful projects come as a result of strong relationships. Taking a partnership approach to every project ensures that we draw upon the specific skills, experience and knowledge from all key project team members, drawing on the expert knowledge of all involved. From initial specification and technical support through to final delivery and installation, our worldwide teams are on hand to ensure that the project meets the brief, on budget and on time.



By listening to the needs of our customers and partners worldwide we have developed our portfolio of services to be able to provide total solutions support. Such service components include:

- On site surveys
For every project, whether a new or existing installation we are able to conduct on-site surveys. The benefits of this kind of survey deliver real advantages right through the programme including:
- Visual inspections highlight condition of rail and fixings.
- Identification of localised damage/ deterioration.
- Assessment of new civil foundations ensures level tolerances are met.
- Communication with operators/drivers to assist in the investigation of specific problems.

- Design and technical support
- We can deliver a valuable understanding of the special needs of your industry
- Appraisal of the proposed rail installation design
- An alternative new economic design if appropriate
- Supply of the supporting contract documentation i.e. outline welding procedures and method statements
- Calculations to support the design
- Inspection and appraisal of existing installations.

- Rail welding
Cranes operate best when the rails on to which they run are welded into continuous lengths. However rails are difficult to weld as they
- Have high carbon content to give them wear resistance
- Have a high carbon equivalent and must be welded using special techniques
- Are considered to have a large and awkward section for welding

Our expert teams can add valuable insight through our expertise in:
- Puddle arc rail welding
- Aluminothermic rail welding
- Training of puddle arc welding operatives
- Supervision of welding
- Inspection of rails and welds

- Installation services
Optimum design and quality materials may be of little use if the installation is not carried out correctly. Effective installation requires
- The right design
- All necessary materials and
- A trained and competent workforce

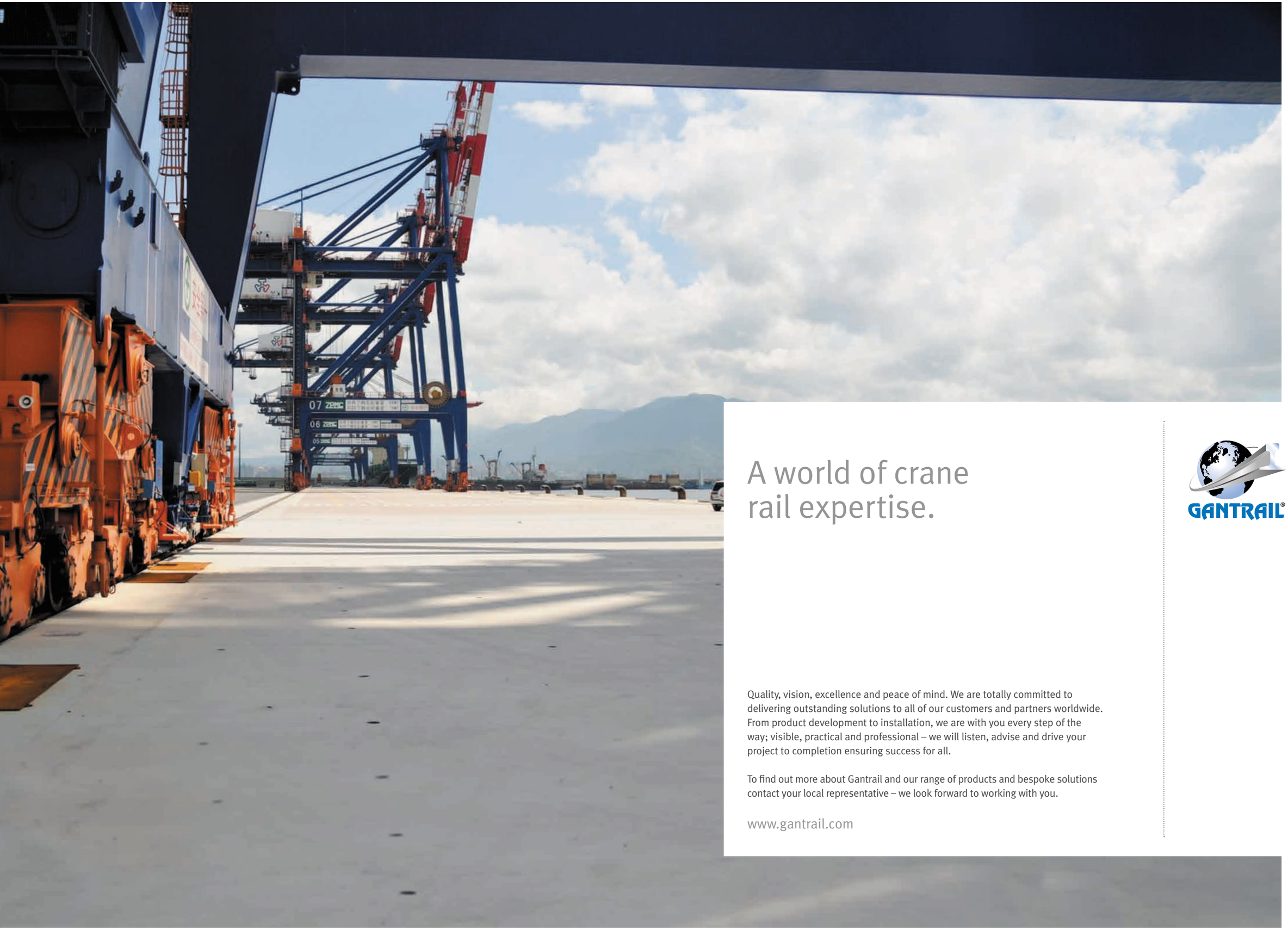
Reliable crane operation requires accurately aligned rails. Gantrail have extensive experience of rails mounted on both steel and concrete structures.

We are able to offer a full site installation service (including supervision of local labour) throughout the world.

- Inspection care and maintenance of tracks
Crane rails are subject to high forces that result in movements. This can cause problems including the following:
- Rails move along the track
- The foundations move due to settlement
- Uneven wear can cause misalignments

We offer a range of services for the care and maintenance of crane rail tracks including:
- Condition inspections and surveys
- Alignment and level surveys
- Problem investigation
- Rail profile grinding
- Rail weld repair and rail head repair by welding

However we manage every project individually and therefore we work hard to provide a detailed level of service in line with the scope of requirements for each and every client.



A world of crane rail expertise.

Quality, vision, excellence and peace of mind. We are totally committed to delivering outstanding solutions to all of our customers and partners worldwide. From product development to installation, we are with you every step of the way; visible, practical and professional – we will listen, advise and drive your project to completion ensuring success for all.

To find out more about Gantrail and our range of products and bespoke solutions contact your local representative – we look forward to working with you.

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Certificate No. 5180

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