



GANTREX[®]
ON TRACK. WITH YOU.

Trolley Rail Services



The Short Rail is the rail section located at the boom hinge joint of the crane where the boom and girder rails are separated to allow the crane to boom up. Different styles of rail joints are available for this area and majority require special machining.

Gantrex is the world largest supplier of short rail systems and is able to tailor custom solutions depending on budgetary and operational constraints.

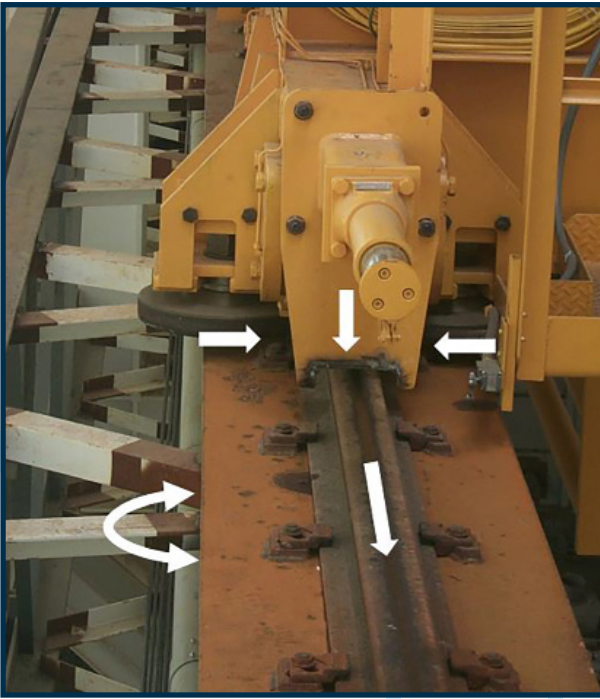
Boasting more than 45 years of experience and unparalleled references, Gantrex has implemented its solutions around the world, and has become the industry market leader.

Our 300+ staff working in four production centers and 19 sales & services centers allow Gantrex to work hand in hand with you to provide application specific solutions and installation services for your new or existing installation.



Design and Application

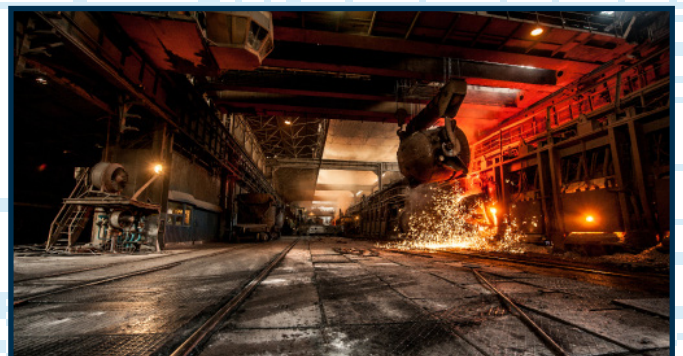
Crane operation imparts various and dynamic loads to the rails via the rail-to-wheel interface. All of these forces are transferred from the rail to the support structure, then to the columns of the building. Left uncontrolled, these forces will eventually cause damage to all of the components in the load path.



From its inception, Gantrex has been providing a better way to limit and control these forces through soft-mount technology. Since these forces cannot be eliminated, the use of components designed specifically for crane runways and trolley rails have helped direct those forces in a way that reduces shock and vibration, while controlling alignment and providing a predictable path to nearly eliminate the fatigue damage caused by crane operation.



Gantrex soft-mount rail support systems, which include rail pad, adjustable rail clips, crane girder tiebacks and hydraulic buffers, along with properly selected rails, will improve the operation of even the most demanding overhead cranes. Your local Gantrex team member will work with you in the selection and supply of your optimal solution.



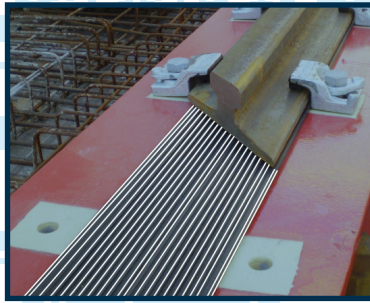
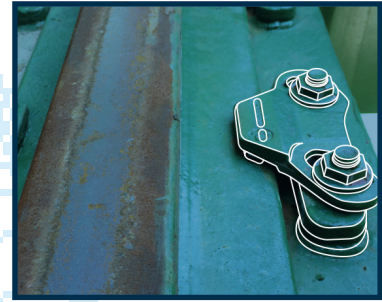
State of the Art Solutions & Benefits

Overhead crane runways details are often overlooked, and as a result the maintenance and repairs to the runway and the crane itself are often accepted as the norm due to lack of attention to these details. But there is a better way; by treating the cause rather than the symptoms. Gantrex solutions increase the reliability and productivity of this area of critical importance.



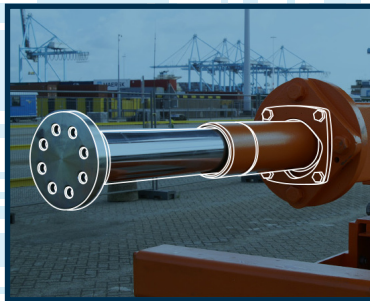
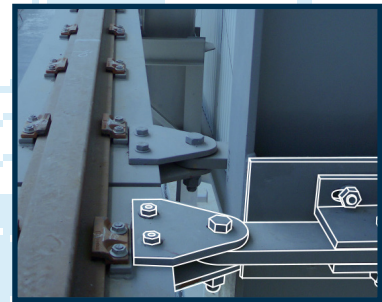
Gantrex solutions involve the latest technology in crane and specialty rail track components and services, including:

- **RailLok™ adjustable crane rail clips** which support installation and maintenance of critical rail tolerances while allowing for longitudinal rail float.



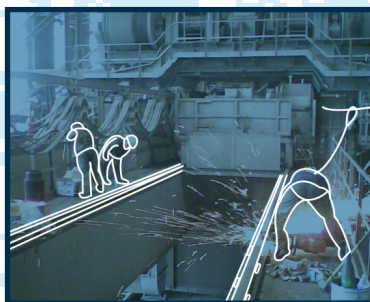
- **RailLok™ crane rail pad** which reduces stresses into the runway structure while minimizing shock, vibration and noise to critical crane components and the surrounding operational area.

- **Gantrex crane girder tiebacks assemblies** which accommodate crane girder deflections, eliminating the fatigue damage caused by these deflections while properly transferring forces into the building columns.



- **Oleo™ hydraulic crane buffers** providing controlled crane deceleration while reducing damaging impact forces.

- **Rail selection and supply** : via its global experience, direct access to rolling mills and our distribution network, Gantrex can provide the most efficient rail solution for your application.



- **Installation services** : Gantrex specially trained installation teams can provide any number of services to suit your application and local market conditions including turnkey installation, rail welding services, rail surveys and inspections or supervision.