



**GANTREX**<sup>®</sup>  
RailLok<sup>™</sup>

## Clips & Pads for trolley rails of stacking cranes

### MORE RELIABILITY OF THE TROLLEY RUNWAY

Automation of RTG and RMG cranes has developed in ports around the world to ensure low operating cost, high availability and high utilization of the yard capacity: ARTG and ASC are **breaking new grounds**.

**RailLok<sup>™</sup>** clips and pads are the **new generation of fixing devices** engineered by GANTREX to reply the market demand for more reliability adapted to the trolleys rails of those new cranes.



### THEY INCORPORATE THE LATEST INNOVATIONS OF IN-HOUSE R&D

#### FOR CLIPS

- additional wedge (Gantrex patent of second wedge design and inclined bolt)
- bolts with square shank base
- extended design resistances
- compact design

#### FOR PAD

- redesign of the grooves
- edge design



**ON TRACK. WITH YOU.**

[www.gantrex.com](http://www.gantrex.com)



**GANTREX**  
RailLok™

GANTREX interviewed engineers and maintenance teams at crane manufacturers and port operators, identified their operational needs and responded to them.



### EASE OF INSTALLATION

- increased lateral adjustment: higher precision of installation
- thicker clip walls all around: no weld can get through
- housing with easy access for cleaning and bolt insertion
- square shank base bolts: fool-proof positioning and tightening with impact wrench

### STABILITY OF THE RAIL SYSTEM

- The RailLok™ additional wedge design ensures tight and full contact of the upper component of the clip with the rail foot and coupled with the usual self-locking wedge, keeps the tightened clip bolts in tension.
- The RailLok™ pad specific design of grooves and edges prevents pad damage and movement due to rail twisting and bow wave effect; it also virtually eliminates the risk of pad premature failure due to dirt ingress.

### GANTREX RANGE\*

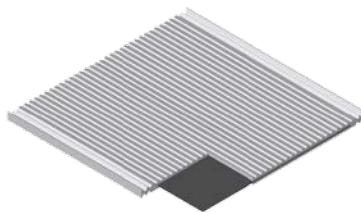
Clips and pad models are adapted to the different load dynamics depending on the type and duty cycle of STS crane.

#### FOR CLIPS

- RailLok™ models W10, W15, W20 or W22, from 65 kN to 165 kN side load resistance;
- From 10mm to 20mm adjustment range;
- From 38mm to 47mm clearance height.

#### FOR PAD

- Nominal width adapted to the rail foot width, from 80mm to 200mm;
- Steel strip reinforcement from 60% to 90% of the pad width when required, to give maximum stiffness and improve stability to side forces where pressure on the pad is released.



\* Full details are available in our data sheets or on our website.