



GANTREX[®]

CRANE RAIL SYSTEM SOLUTIONS

**Exclusive distributor
of all Gantrex[®] products for
Australia and New Zealand**

Through our close partnership with Gantrex[®], Salix can supply market leading crane rail solutions. Gantrex[®] has over 40 years of world leading expertise and product design within the crane rail market providing solutions for ports and maritime as well as rail and mining applications.



**Crane Rail
Systems**



Mining



Ports



Sustainable

Why Gantrex®

Founded in Belgium 45 years ago, Gantrex® Crane Rail System solutions have been a trusted name in global port crane solutions. Gantrex® crane rail systems have been designed to adapt to the very toughest of environments. Equipped for hot and dusty environments, able to handle hazardous loads taking into account factors such as vibrations, building movements, misalignment of crane beams and more, our solutions are proven to support continuous production and just-in-time delivery demands.

The products are designed to fit the very challenging and complex demands of the steel and aluminium industries and our teams are well versed in designing solutions for highly reliable crane runway structures that drive maximum productivity in the production process.

Our tailor-made supply and installation solutions for crane girder-to-building columns and crane rail systems for new projects are available through more than 300 dedicated Gantrex® crane rail experts worldwide.

Rail Lok™ Rail Clip & Pads

The RailLok™ clips are the latest generation of Gantrex® soft-mount crane rail fixing devices. They bring to the market improved performances compared to the previous generation of clips, benefits include:

- Durable
- Allow shorter installation time
- Boast stronger capacities and they feature a narrower design
- Can provide operational and financial savings
- Designed with Finite Element Analysis (FEA) features higher load resistance without impacting the related operational cost of a crane runway
- Combined with the RailLok™ pad, to form a complete RailLok™ solution

There are two main RailLok™ clip types are available for different fixing supports: welded-base or through-bolted.

	Model	Nominal capacity range	Adjustment range	Max clearance height
Weldable				
	W10	65 kN	0-10mm	38mm
	W15	120 kN	0-12mm	47mm
	W17	165 kN	0-20mm	47mm
	W20	165-200 kN	0-14mm	47mm
	W22	165 kN	0-20mm	47mm
	W25	235 kN	0-20mm	59mm
	W30	300 kN	0-20mm	63mm
Boltable				
	BG10	35-50 kN	0-10mm	29mm
	BG15	75-100 kN	0-15mm	34mm
	BG20	125-140 kN	0-15mm	38mm

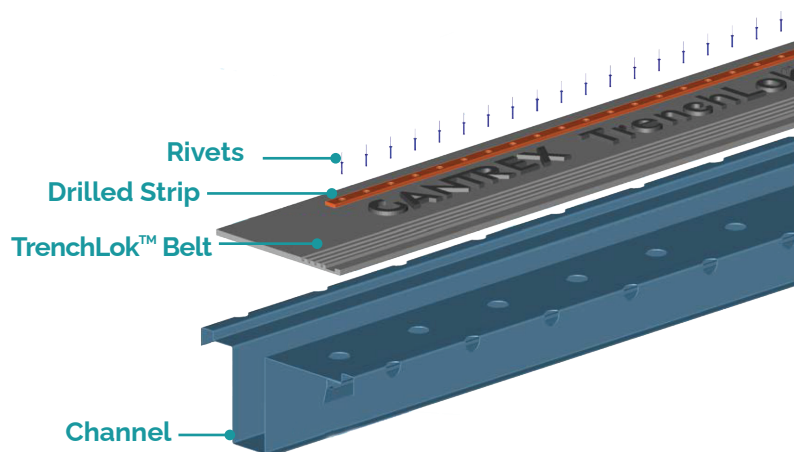


Trenchlok™ Cable Protection System

TrenchLok™ efficiently and economically protects cranes' power cables from damages and problems caused by crossing vehicular traffic in ports and steel mills. The cables are protected against impacts of crossing vehicles, but also sheltered against debris entering the trench and adverse weather conditions. Additional benefits:

- Eliminates tripping hazards for pedestrians
- Maintenance free
- Easy to install
- Suitable for most all container handling vehicle traffic
- Full operational security
- Free of alignment problems
- Free of crane speed limitations
- Easily adaptable to the system in place

It can be supplied as belts for standard TrenchLok™ and TrenchLok™ HD for heavy vehicles.



DuraFlow Trench Infill

Duraflow Trench Infill is resilient material made of recycled rubber bonded with polyurethane. It is designed to protect the trench from rainwater, dust and debris. Thanks to its pourable aspect, it is easily adapted to any project needs. Once solidified, it can be and molded to any length and easily removed.

Main benefits

- Made of recycled rubber bonded with polyurethane
- Once molded, can eliminate tripping hazards for pedestrians
- Reducing the impact of vehicle wheels and tire wear and tear
- Prevents water discharge being clogged by dirt
- Allows continuous ventilation
- A flexible and customized solution



Training is available - Contact the Salix team to discuss your project requirements.

Other Gantrex® Products available

- Steel Supports
- Grouting and Anchoring
- End Stops and Buffers

Contact the Salix team to discuss your project requirements.



Salix Projects

Salix have supplied Gantrex® Crane Rail System solutions to the following projects:

Somerton Intermodal Terminal Upgrade Somerton, Victoria

One of Victoria's major freight infrastructure projects, the Somerton Terminal upgrade will integrate with the Port Rail Shuttle Network to accommodate double-stacked trains upon completion of the Inland Rail Freight Corridor. Located 21km from the Melbourne CBD, at its completion it will be Australia's largest rail Terminal alleviating half a million truck trips from nearby roads.

Scope of Supply

Inner & Outer Terminal

- 3,300m Gantrex® Pad M9.0 RailLok™ F150
- 10,900 Gantrex® RailLok™ Clips W25/CM
- 10,900 Galvanized Anchor Bolts
- 1,700 Mild Steel Support Plates
- 1,800 Maxxfast Cartridge Anchoring
- 200+kg Gantrex® Epoxy Grout Outer Terminal

Moorebank Intermodal Moorebank, New South Wales

Moorebank Logistic Park is a nationally significant infrastructure development that will transform the way containerised freight through Port Botany (Sydney) and deliver a faster, simpler and more cost-effective service for business and consumers.

Scope of Supply

- 4,000m plus of AS86 crane rail
- 3,400 bespoke designed monorail concrete sleepers
- 7,540 adjustable chairs
- 30,160 patented galvanised RailLok™ W15 clips
- Patented crane rail pads, anchor bolts, nuts and bolts
- Four fixed hydraulic buffer stops specifically designed for the loco shifter

Victoria International Container Terminal Webb Dock, Victoria

Located at Webb Dock in Port Melbourne, 10 mins outside Melbourne's CBD, the project reconfigured and redeveloped Webb Dock East, returning it to its original role as an international container handling facility. The upgraded facility is one of the most technologically advanced, environmentally sustainable and safest container terminals in the world, capable of handling the equivalent at least one million shipping containers per annum.

Scope of Supply

- 1,304m of Gantrex® slab track crane rail fastening systems – Ship to Shore (STS)
- 5,680m of Gantrex® ballasted crane rail fastening systems – Automatic Stacking Crane (ASC) track

This is a unique project where the Ballasted ASC Gantrex® System is one of only 4 in the world.

Swanson Dock Port of Melbourne, Victoria

Port of Melbourne Operations Pty Ltd (PoMO) required the rehabilitation works at Swanson Dock East Berth 1. Based on PoMO's advice it is understood that SDE1 has been in service since 1969, and was life expired. The rehabilitation works would include laying on new crane rail track for ship to shore cranes.

Scope of Supply

- 792m of A75 crane rail
- 774m of 2,980mm long Gantrex® sole plates
- 2,600 Gantrex® W20/BI RailLok™ clips
- 780m Gantrex® RailLok™ Mk9.0 C200 rail pads
- 1,600 levelling screws



To learn more about our products contact our Gantrex® team:



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