



Rail Rolling Stock and Rail Infrastructure Projects

We have worked successfully on a number of major rail rolling stock and rail infrastructure projects. The following examples demonstrate our skills, the scale of our resources and the flexibility we offer to both the rail and transport sectors.

Rolling Stock Components

- Brake system assemblies
- Filters & Guards
- Precision machined parts
- Manufacture and refurbishment
- Safety Critical - approved supplier

Signal Antennae & Aerials

- Train mounted signalling equipment
- Large product range capability
- Repairs & Replacements
- Safety critical components

Fabricated Solutions

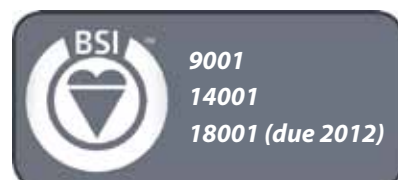
- Gantries
- Bridges
- Trackside steelwork
- 3D Design

Suspension Components

- Anti-Roll Bars
- Stabiliser Bars
- Torsion Bars
- Fabricated solutions

Corrosion Protection

- Electrocoat KTL paint line
- Multiple Epoxy Powder paint lines
- Extreme corrosion protection
- Environmentally friendly process





Case Study

Rolling Stock Components

Team: Tinsley Bridge Services Limited
Clients: Unipart Rail / Bombardier / Wabtec Rail / LH Wheel sets
Project: Supply of Rolling Stock Components
Date: On-going

Tinsley Bridge Services is a key supplier to a number of large Rail Sector, Rolling Stock distributors and stock holders including Bombardier, Unipart Rail and Wabtec.

The company currently produces a wide range of rail rolling stock components used within the maintenance and refurbishment services of passenger trains including brake system assemblies, filters, guarding's, train mounted signalling equipment and various precision machined components.

Many of the rail rolling stock components supplied by Tinsley Bridge Services are required to be regularly audited and approved to meet Safety Critical Classification. The company ensures consistent quality and that the workforce engage with all aspects of the supply chain with regular training and skills audit.

Since the products supplied are required to operate in extreme environments and for long consistent periods of time they require a durable protective coating. Tinsley Bridge Services has developed two traditional Powder Coat lines and an Electrophoretic KTL (E-Coat) paint plant that produces both an extended salt spray life for components and is environmentally friendly.

Tinsley Bridge has significant in house engineering design and test capabilities, enhanced by access to cutting edge research and design programmes. Current partners include;



Advanced Manufacturing Research Centre

