



**CONTRACT MANUFACTURING
SERVICES FOR THE RAIL INDUSTRY**



INTRODUCTION

WEC Group has been providing fabrication, profiling and precision engineering services to the rail industry for over 40 years, specialising in the manufacture of electrical enclosures, bolsters, body end cubicles, underframes, side bodies, cable trays and more.

We are also a leading force in providing design, fabrication and installation of signal structures and gantries, electrification projects (OLE, main steel and SPS), CCTV products and rolling stock metalwork.

Offering a one-stop-shop service for our customers in the rail industry, we are capable of taking projects right through from the initial design stage to the manufacture and installation of the completed product.



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Quality Management Systems
CERTIFIED

FS 605930

AS/EN 9100
Aviation Space and Defence
CERTIFIED

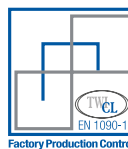
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ISO 45001
Occupational Health and Safety Management
CERTIFIED

OHS 717904

ISO 14001
Environmental Management
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EMS 725496



Factory Production Control
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EN 15085
EN 1090-1
BWRVC

MANUFACTURING SERVICES

The Group offers an extensive range of manufacturing services in-house including:

- > Laser Cutting
- > Waterjet Cutting
- > Flame & Plasma Cutting
- > CNC Punching
- > Welding & Fabrication
- > CNC Machining
- > Press Braking
- > Robotic Welding
- > Finishing & Painting
- > Shot Blasting & Powder Coating



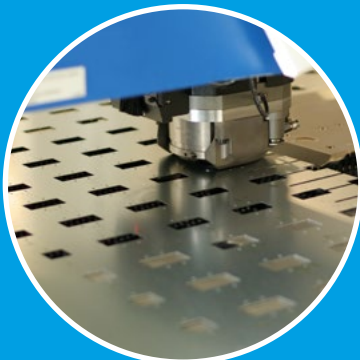
FABRICATION



PRESSING



PROFILING



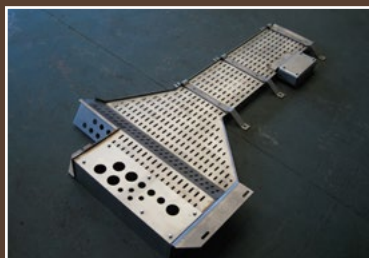
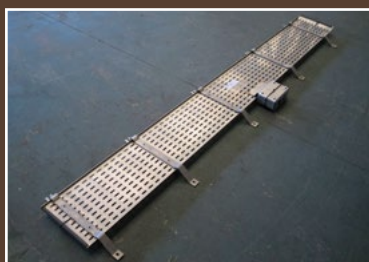
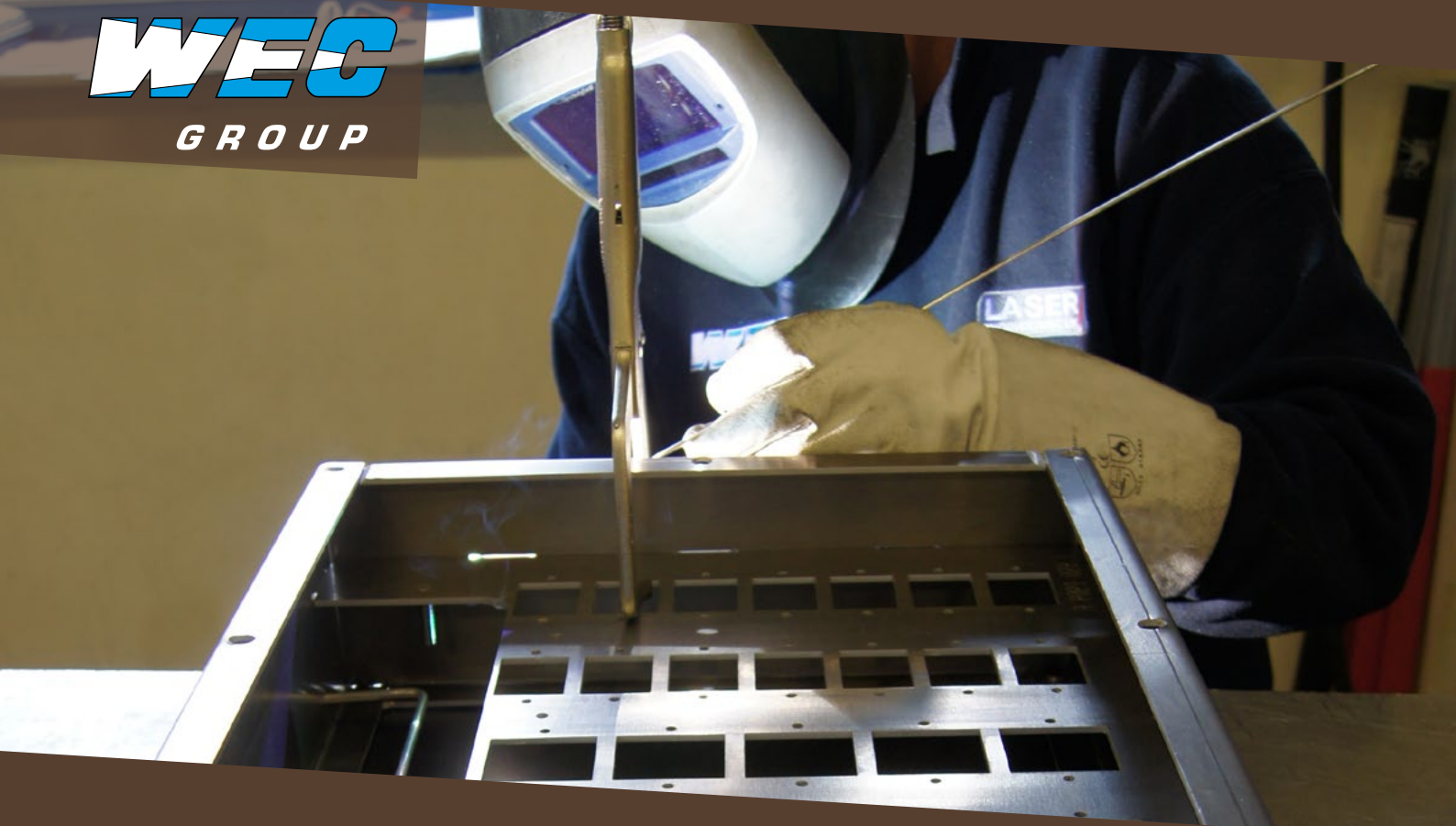
PUNCHING



MACHINING



FINISHING



WEC GROUP LTD

WEC Group delivers high-quality rolling stock metalwork to large Rail OEMs and Prime contractors such as Bombardier Transportation and Hitachi Rail.

We also carry rail specific materials such as approved earth bonds and fasteners and work closely with world-class component manufacturers to ensure the highest level of quality.



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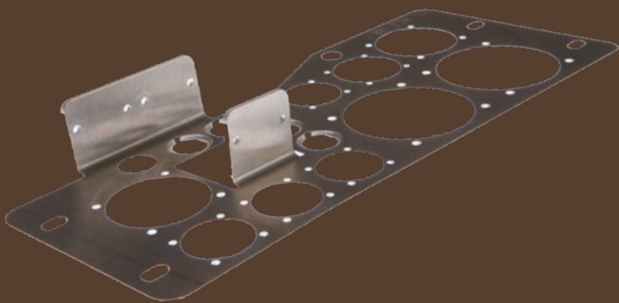
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EN 15085



ROLLING STOCK METALWORK

WEC Group is an approved aluminium welding supplier to Bombardier Transportation and Hitachi Rail, specialising in the manufacture of undercarriage and interior parts including:

- > **Electrical Enclosures**
- > **Body End Cubicles**
- > **Under-Frames**
- > **Cable Trays**





mtl

MTL ADVANCED

MTL operate from a 28,000sq.m facility and we are specialists in precision contract manufacturing.

We can offer cutting, pressing, CNC machining, robotic welding, fabrication, assembly, shot blasting and painting.

We are organised to handle high volume manufacturing, all in accordance with EN15085-2.

MTL has segregated areas for manufacturing aluminium parts and assembly work.



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EN 15085-2 & BS EN 3834-2 Accredited

MTL is an approved supplier to global OEM's and Prime Contractors involved within rail infrastructure, passenger trains and freight wagon sector, supplying Category 1 safety critical parts including:

- > **Cab & Bogie Structures**
- > **Inter Ends**
- > **Body Shell Components**
- > **Bolsters**
- > **Fuel Tanks**



MTL are committed to providing a quality service delivered on time and cost effectively. We have a team of in-house designers to provide innovative engineering solutions to meet the customers' requirements, with potential weight and cost savings.

MTL are an established supplier to Bombardier Transport, ALSTOM, Hitachi Rail and Knorr Bremse.





HTA GROUP

HTA Group Ltd is a leading subcontract supplier of laser cut parts, sheet metal components and fabricated assemblies for the rail industry.

Accredited to EN15085-2, HTA benefit from a wealth of experience in the welding and manufacture of components for interiors, HVAC, chassis components, seating, bracketry, and undercarriage framework to name but a few.



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EN 1090-1
BWRVC

HTA Group manufacture a range of parts for the rail industry, including:

- > Interiors
- > HVAC
- > Chassis Components
- > Seating
- > Bracketry
- > Undercarriage Framework



HTA Group prides itself on providing a high quality service for all engineering and fabrication disciplines. Our primary objective is to meet and surpass the needs and expectations of our customers.

HTA operate a Quality Assurance System embracing the principles of continuous improvement through driving Quality Awareness throughout the organisation.





RAIL



WEC RAIL

WEC Rail is a leading force in providing innovative design, fabrication and installation services to the rail industry for products including electrification, signal structures, gantries, and CCTV products.

With full in-house manufacturing capabilities, WEC Rail employs a dedicated design team, expert fabrication and PTS trained installation team, eliminating the need for external contractors.

ELECTRIFICATION

We are actively involved with rail electrification contracts and are a leading manufacturer of overhead steel poles for light rail transit systems and Overhead Line Electrification (OLE). We manufacture and supply single & two track cantilevers, portals and anchor portals, lattice columns (Main Steel & SPS) for some of the largest rail contractors in the UK.



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WEC Rail design, manufacture and install a range of structures, including:

- > **Gantries**
- > **Signal Structures**
- > **Electrification**
- > **CCTV mounting**

SIGNAL STRUCTURES

We specialise in signal structures, straight post signal platforms, gantry and cantilever type structures for the railway which are all designed with the view of 'ease of installation'. Our highly skilled in-house team of designers offer Form A, Form B, structural calculations and Cat 2 checks.





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