

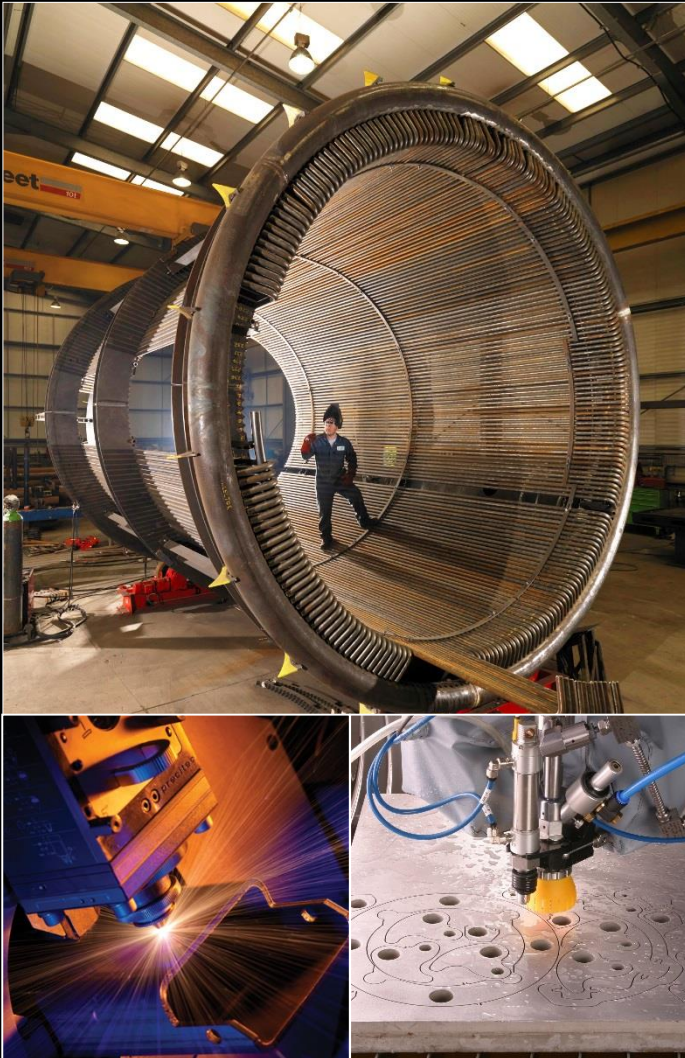


New Partnership Deal with MTL Group



www.wec-group.com

Introducing WEC Group Ltd



Formed:

1979

Based:

United Kingdom

Employees:

600

Manufacturing space:

c. 500,000 SQ.Ft

8 Manufacturing sites in Yorkshire, Lancashire, and Merseyside

Main Services: Fabrication, Laser Cutting, CNC Machining, Waterjet Cutting, Press Braking, Plasma Cutting, Powder Cutting, Sheet Metalwork

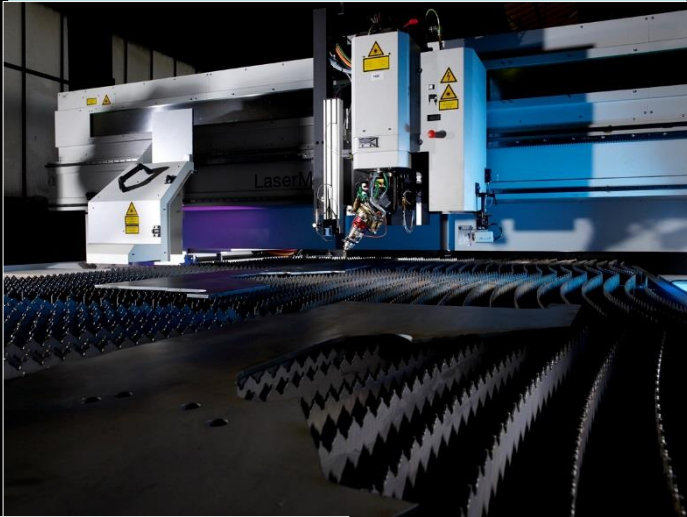
Subsidiaries:



**Sherburn
Metalwork**



Joint Group Capability



Fabrication & Coded Welding

- > 130 skilled Welders / Fabricators
- > 8 Robotic Welding cells up to 8m long
- > Small to Large Projects up to 300 tons

Laser Cutting

- > 16 Flat bed Laser Cutting Machines
- > max 20m x 3.5m x 25mm thick with bevel capability up to 50°)

Tube Cutting

- > 2 Tube Cutting Machines (tube, box, section, angle) up to 220mm dia, 6.5m max output size, and max 15mm wall thickness
- > Robotic Plasma Tube Cutting (up to 1000mm dia, 40mm thickness)

Waterjet Cutting

- > 4 Waterjet Cutting Machines
- > Max 12m x 3m x 200mm thick

Press Braking

- > 19 Press Brakes Machines (max 7.3m x 640t with Robotic handling system)

Plasma Cutting

- > 2 high Definition Plasma Cutters (up to 25m x 5m with bevel capability to 40 degrees)

CNC Machining

- > 40 CNC Machines
- > CNC Turning up to 4m length, 920 diameter
- > CNC Milling up to 11.5m x 1.5m x (2.5m + 0.45m)

Finishing & Treatment

- > Automated Powder Coating, Wet Paint Facilities, Shot Blasting



Our Main Sites



WEC Group Ltd
c. 500,000 Sq.Ft manufacturing facility and 600 staff across 8 locations.



Sherburn
Metalwork 

5 Manufacturing sites in Lancashire

- > Welding & Fabrication
- > Laser Cutting
- > Waterjet Cutting
- > CNC Machining
- > Sheet Metalwork
- > Powder Coating
- > Heavy Engineering

Blackburn with Darwen

Leeds

Liverpool

Sheffield

5750
Components Ltd



1 Manufacturing Site in West Yorkshire

- > Robotic Welding & Fabrication
- > Bus frames manufacture

1 Manufacturing Site in Merseyside

- > Laser Cutting
- > Press Braking
- > Welding

1 Manufacturing Site in South Yorkshire

- > Laser Cutting
- > Waterjet Cutting
- > Plasma Cutting & Large Profiling
- > Press Braking
- > Robotic Welding & Fabrication
- > CNC Machining
- > Armour Plate Manufacture

WEC Darwen HQs



3 manufacturing facilities - 315 staff

Capability:

> **WEC Fabrication & Special Projects**

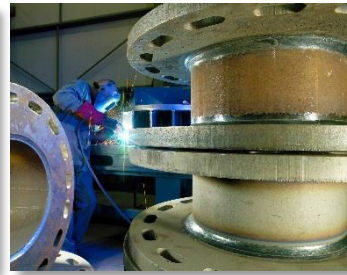
- > 100 skilled welders. Small to Large Projects up to 30 tons
- > 3 Large CNC Machining Centres – Milling up to 11.5m length

> **WEC Laser**

- > 6 Laser Cutting Machines – up to 4m x 2m –25mm thick
- > 2 Laser Tube Cutting Machines, tube, box section, channel up to 220mm dia, 15mm Wall Thickness
- > 9 press brakes up to 4m, 230 tons

> **Fully Automated Powder Coating Plant**

> **Wet Paint Spraying**



Blackburn Sites – WEC Machining & WECJet



2 manufacturing sites – 55 staff

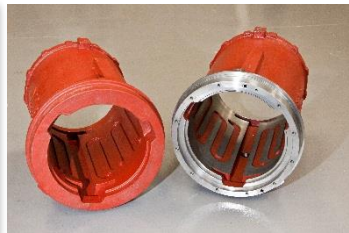
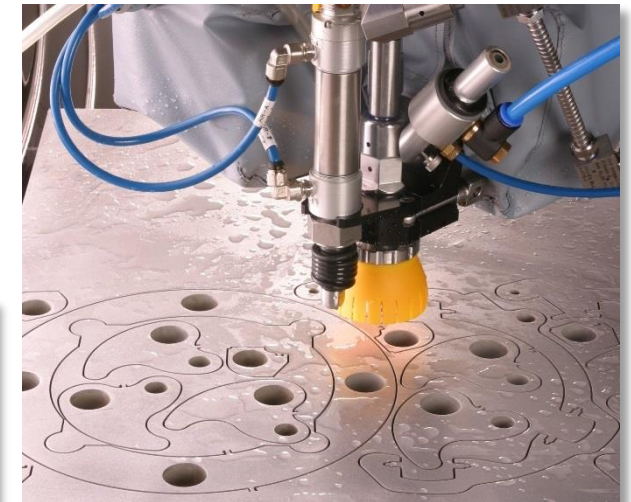
Capability:

WECJet

- > 3 x Dynamic Waterjet Cutting Machines – up to 7.3m x 2m. Max Thickness 200mm (Any Materials)
- > Full range of s355 materials up to 100mm thick available from stock

WEC Machining

- > 30 CNC Machines – CNC Turning up to 4m length, 920mm dia and Large CNC Milling of 8m x 1.5m x 2m
- > Mechanical & Hydaulical Assembly
- > 2 CMM Inspection Machines – capacity of 2.2m down the table 1.2m across, 1 m high
- > Ambulance Tail Lifts & Workshop Machinery Manufacture



Knowsley and Sherburn-in-Elmet sites



2 manufacturing sites (Merseyside, North Yorkshire) –
80 staff

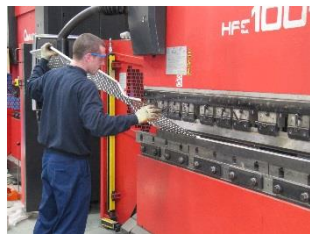
Capability:

5750

- > 3 Lasers – up to 4m x 2m – 25mm thickness
- > 2 Press Brakes

Sherburn

- > Fabrication and Robotic Welding
- > Bus Frame Manufacture



Sheffield Site



1 large manufacturing site in Rotherham (South Yorkshire) – 135 staff

Capability:

Profiling

- > 7 Lasers – up to 20m x 3.5m – 25mm thickness with bevel capability up to 50°
- > 2 plasma cutting machines, up to 25mx5m
- > 1 Waterjet Machine, up to 12 x 3.5m, 200mm thick

Tube Cutting

- > Robotic Plasma Tube Cutting (up to 1000mm dia, 40mm thickness)

Press Braking & Rolling

- > 7 Press Brakes up to 7.3m x 640t with Robotic handling system

Fabrication

- > 6 Robot Welding, 32 manual welding cells
- > Armour plate manufacture

Machining

- > 4 CNC Machining Centres & Routers, up to 3000 x 1500 x 750

Inspection & Finishing

- > 2 Faro Inspection Arms
- > Shot Blasting
- > Painting to Military Specs



Accreditations & Approvals



Group Accreditations

- BS EN ISO 9001: 2008
- ISO 3834-2
- Bundeswehr TL 2350 – 0000
- BS EN 1560014
- DEFSTAN 95 – 22
- AS/EN 9100 Aerospace
- BS EN 1090 Structural Fabrication

Approvals

- General Dynamics
- Rheinmetall
- Lockheed Martin
- BAE Systems
- Iveco Defence
- Caterpillar
- ST Kinetics
- KMW
- Rolls Royce
- Bombardier SEAP
- DSTL
- QinetiQ

The background of the image is a close-up, artistic photograph of mechanical parts. It features several large, dark, curved components, possibly gears or rollers, with a metallic sheen. Interspersed among these are bright blue circular segments and a prominent, glowing white diagonal line that cuts across the frame from the top right towards the bottom left. The overall lighting is dramatic, with strong highlights and deep shadows, creating a sense of industrial precision and strength.

mtl

Your partner in armour

Introducing MTL Advanced Limited

Making Steel Work Harder



Main Factory
300,000 Sq.Ft manufacturing facility based on a 13 hectare secure site.



Facilities - Cutting Bay

Making Steel Work Harder





- ❑ **16 Laser Cutting Machines**
 - Bevel cutting facility to 50 deg
 - Large format cutting area 20m x 3.5m
- ❑ **2 Laser Tube Cutting Machines**
 - 3D cutting up to 220mm diameter
 - tube, box section, angle, channel
 - Max length 6m, thicknesses up to 12mm
- ❑ **4 Water jet Cutting Machine**
 - Bevel cutting facility to 50 deg
 - Max format cutting area 12m x 3m
 - Any materials cut up to 200mm thick
- ❑ **2 High Definition Plasmas**
 - Twin head cutting
 - Large format cutting area 25m x 5m
 - Bevel cutting facility to 40 deg
- ❑ **CNC Profiling Machine**
 - 10m x 5m cutting area
 - 4 head cutting



Bending and Machining Bay

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Facilities – Press Braking

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- 1 Ursviken CNC 7.3m x 640t:
 - Robotic handling system.
 - 4x faster than manual pressing
 - Angle checking device
 - 0.5 degree accuracy
- 1 Ursviken CNC 7.3m x 640t
- 2 Ursviken CNC 4m x 200t
- 1 Ursviken CNC 2m x 70t
- 1 Euromac CNC DIGIBEND
- 1 CMZ Pyramid Rolls.
- 12 Trumpf CNC 4m x 230t

Facilities – CNC Machining

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- ❑ Mazatech CNC Twin Pallet
- ❑ Awea VMC
- ❑ 4 Hartford Blockbuster VMC
- ❑ Wadkins CNC Router
- ❑ Weber De-Burring machining
- ❑ Capable of machining upto 700 HB material
- ❑ CNC Turning – up to 4m length, 920mm dia
- ❑ Large CNC Milling – up to 11.5m length

Fabrication Bay

Making Steel Work Harder





Welding Approvals for Defence

- BS EN 3834 – Part 2
- AWS D1.1
- DEF STAN 95
- BS EN 1560014
- Bundeswehr TL2350

- 6 No Robotic Welding cells

- 32 manual welding cells

- PCN Level 2 NDT in house

- Certified to weld 695HB armour

- Certified to weld Aluminium including armour grades

Large Format Gantry Robot Welding Cell “structures up to 8m long”

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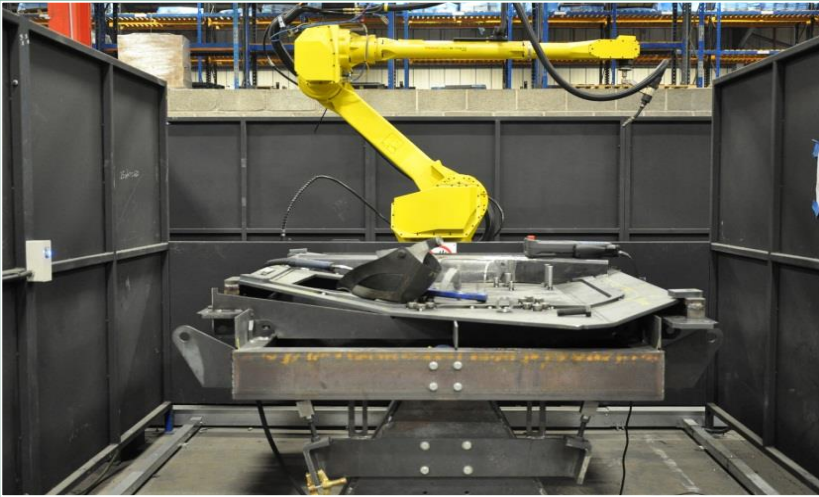
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Automated Hull / Turret Welding System

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State-of-the-art technology for the welding of armoured vehicles and sub-assemblies. This machine reduces manual welding on armoured vehicles with high repeatability. It lifts structures on a 6 axis robotic arm and ensure a 90 degree down weld on every ballistic joint. The system is designed for lean manufacturing and adaptability so can be used for multiple tasks with the minimum amount of operators. This system is already allowing customers to realise large cost savings on their vehicle platforms.

- Pneumatic
- Hydraulic
- Mechanical
- Shot blasting
- Painting to military specifications
- Project Management

