

10 LASER CUTTING MACHINES!



LASER CUTTING SPECIALISTS:

- FLAT SHEET
- TUBE CUTTING
- BOX SECTION
- OPEN PROFILES
- MILD STEEL UP TO 25MM
- STAINLESS STEEL UP TO 30MM
- ALUMINIUM UP TO 20MM
- BRASS, COPPER & OTHER
NON-FERROUS METALS UP TO 6MM

**SUBSTANTIAL SAVINGS ON
MACHINE COMPONENTS
WITH LASER CUTTING
QUALITY AND ACCURACY**





INTRODUCTION

Comprising of **Laser Engineering UK** and **5750 Components** in Liverpool, **WEC Laser** is the laser cutting division of WEC Group Ltd.

Established in 1998, following the purchase of the Group's first laser cutting machine, **WEC Laser** has grown from strength to strength and has now turned into one of the UK's largest sub-contract CNC laser cutting companies.

Continuous investment in the latest laser cutting technology is the key to the laser division's dramatic growth over the past few years, and our state-of-the-art CNC laser cutting machines enable **WEC Laser** to compete at the highest level.

We are ideally located in the centre of the UK, close to the M6 / M61 motorway network, making our delivery capabilities more efficient.

To ensure prompt delivery, a full range of mild and stainless steel material is held in stock at all times.

MEETING YOUR NEEDS

We also offer, subject to capacity, a same day laser cutting and delivery premium service where immediate turnaround is critical. Next day laser cutting services are also available to our customers for urgent requirements. Ring us now on **01254 700201** to discuss your requirements.

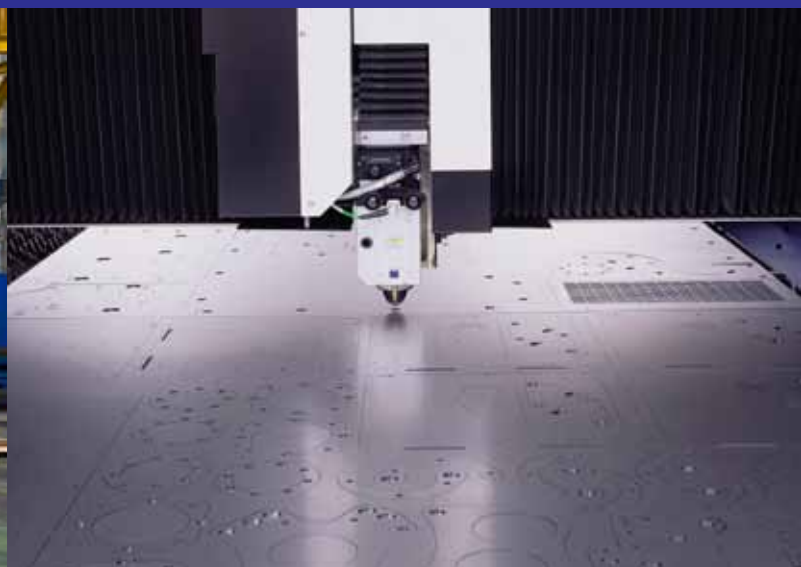
- Highly Competitive Prices
- Fast Quotation Turnaround
- Same Day Laser Cutting Service
- Next Day Laser Cutting Service
- 24hr Cutting Capacity
- Nationwide Delivery
- Etching Service
- Customer Oriented Services
- 100% Quality Right First Time
- Material Stock
- CAD Design and Prototyping



Accredited to ISO 9001:2008, we regard quality as imperative

FAST QUOTATION TURN AROUND

We understand the importance of fast quotation turn around for our customers and it is why we now have twelve estimators, which enables us to deal with most enquiries in less than 24 hours.



LASER CUTTING CAPABILITY

We are proud of the personal service we provide to all our customers. We offer more than just laser cutting with a full range of bending, machining and fabrication capabilities.

WEC Laser boasts an enviable capacity list which includes 8 flat-bed lasers, 2 tube lasers, 12 press brakes and full in-house fabrication and CNC machining facilities. We were the first company in the UK to invest in the latest 7Kw laser cutting technology, enabling us to cut thicker material than the average market. Our laser cutting capability now includes:

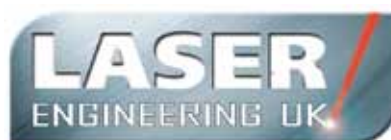
- **Plate and sheet laser cutting:** up to 4m x 2m
- **Mild steel laser cutting:** up to 25mm thickness
- **Stainless steel laser cutting:** up to 30mm thickness
- **Aluminium laser cutting:** up to 20mm thickness
- **Tube cutting and box section:** up to 8.5 metres long with a diameter of up to 370mm
- **CNC bending and folding:** capability up to 4m long and 230 tonnes
- **Fibre Laser Cutting:** Copper, Brass & other non-ferrous metals up to 6mm thickness, with a bed size up to 3 x 1.5m

TUBE CUTTING AND BOX SECTION

Over the past few years, WEC Laser have made massive investments to add the latest tube and box section laser cutting machines to their existing laser cutting line-up.

Now with two state-of-the-art tube laser cutting machines working round the clock, WEC Laser can offer laser cutting of tube, box and most open profiles such as angle and channel. The loading capability is fully automatic with a capability of handling 6 tonne bundles at a time.

Please send any laser cutting enquiry to us and we will turn it around quickly with our most competitive quotation.



TUBE & BOX SECTION CUTTING

Rotolas capability for tube and box section cutting up to 370mm diameter. Thicknesses of 12.5mm Mild Steel, 8mm Stainless Steel & 5mm Aluminium.

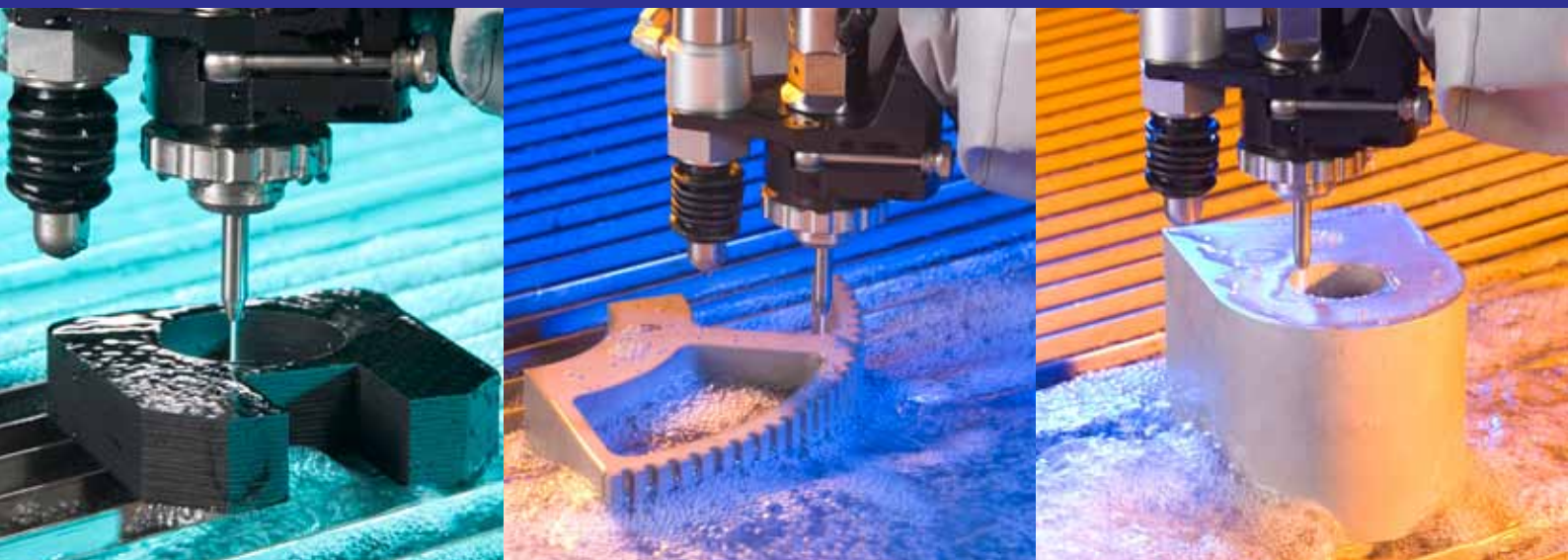
CONTACT US - Laser Engineering:

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Email: laser@wecl.co.uk

Web: www.laser-eng.com



WATER JET CUTTING CAPABILITY

Utilising the latest waterjet cutting technology, **WEC Waterjet** is great addition to the Group's already extensive range of subcontract engineering services.

WEC Waterjet has the capacity of waterjet cutting any material **up to 200mm thickness** with a **bed size of 4 x 2m**, and an accuracy that matches machined tolerances of **+/- 0.1mm**. Waterjet/Abrasivejet Cutting gives us a way to routinely cut precision parts with **tolerances as close as +/- 0.005"**, and better when required. Cutting is controlled by a computer and special software which follows profiles/part geometry designed using Computer Aided Design (CAD) software.

We can waterjet cut the following materials amongst many others:
Aluminium, Copper, Brass, Bronze, Carbon Steel, Stainless Steel, Iron, Acrylics, Plastics, Carpet, Cork, Foamex, Rubber, Glass, Fibreglass, Carbon Fibre, Wood, Leather, Silicone, Granite, Limestone, Marble, Slate, Ceramics, Armoured Plate, Composite Material and many more!

As opposed to flame, plasma & laser cutting, waterjet and abrasivejet cutting produce **no heat affected zone** to work harden the cut edges. This means that we are able to cut various metals, plastics and other materials without melting, distorting or warping them.

CONTACT US - 5750 Components:

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Email: waterjet@wecl.co.uk

Web: www.wecjet.com

WHAT WE CAN DO FOR YOU

With over 425 staff occupying 185,000 square foot of facilities, there's a wealth of services available to you...

WELDING & FABRICATION	Coded TIG, MIG & SAW welding; Robotic TIG & MIG welding, oxy-acetylene & arc welding, spot welding, stud welding, brazing and soldering. In-house facilities for small to large fabrications & heavy engineering.
SHEET METALWORK	CNC Bending & Folding capability up to 4m long and 230 tonnes. CNC Punching. CNC Press Brake.
MACHINING	Comprehensive in-house machining capabilities are available for CNC machining, CNC turning and conventional milling, turning, grinding, drilling etc.
WATERJET CUTTING	Capacity of waterjet cutting any material up to 200mm thickness with a bed size of 4 x 2m and an accuracy that matches machined tolerances of +/- 0.1mm.
TURNING MILLING GRINDING DRILLING TAPPING	Centre lathes, capstan lathes, bar automatics Universal / horizontal / Vertical. Up to 11.5m length. External, internal, surface Radial, multi-column, pillar bench Column and bench
ASSEMBLY	Mechanical, electro-mechanical & hydro-mechanical assembly facilities.
TOOL ROOM	Our well equipped tool room supplies both our internal need and external customer requirements for jigs, fixtures and prototype manufacture, with CMM measuring machines.
ANCILLARIES	In-house plant and equipment for: sawing (horizontal, vertical and circular), polishing, finishing and paint spraying.
FINISHING	In-house Vaqua blasting, mechanical polishing and paint spraying to specification. For your hardening, electro-plating and other treatment requirements, we have long standing arrangements with specialists in these processes.
CUTTING	Guillotines, sawing
PUNCHING / NIBBLING	Turret punch
PRESSING / FORMING	Pressbrakes, folders





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24 hours, 7 days a week operations

**CONTACT US NOW TO DISCUSS
YOUR REQUIREMENTS**

a division of



www.wec-group.com