

5750

Components Ltd

QUICK QUOTES
FAST DELIVERY LEADTIMES!



**Expert Precision Laser Cutting
& Sheet Metalwork Specialists**



INTRODUCTION

5750 Components Ltd is an expert precision laser cutting and sheet metalwork company based in Knowsley, Merseyside.

With continuous investments into the latest machinery, including brand new fibre flatbed lasers and a fibre tube laser, we can offer rapid lead times and outstanding customer service to our customers.

Established in 1994 and now part of the wider WEC Group, our in-house manufacturing services include Laser Cutting, Tube Laser Cutting, Press Brake/Metal Forming and Welding/Fabrication.

5750 components Ltd, aptly named after the BS 5750 British UK Quality Management Standard (the predecessor to ISO 9001), was one of the first companies in the UK to invest in laser cutting technology.

The company has since remained at the forefront of laser cutting innovations, being one of the first to invest in the new 12kw fibre technology, to reduce lead times and increase productivity for our customers.

5750 Components Ltd is certified to: ISO 9001:2015, BS EN 1090 (CE Marking) and ISO 3834 for fusion welding, ensuring all products are manufactured to the highest standards.

LASER CUTTING

Following a string of investments in the state-of-the-art machinery, 5750 components can offer CNC laser cutting and metal profiling up to 4m x 2m in size. Our new 30,000 sq. ft facility now boasts 4 flatbed laser cutting machines, ensuring we can offer our customers unrivalled precision and cutting speed without compromising on quality.

Customer satisfaction is our number one priority and our 24/7 shift pattern means that we can provide a cutting service with outstanding delivery lead times. Our new 12kw fibre laser has the capability to cut the following materials:

Stainless Steel: Up to 40mm thick

Mild Steel and Aluminium: Up to 25mm thick

Brass and Copper: Up to 10mm thick

If larger thicknesses are required, we also have the capability within our group to waterjet cut any materials up to 200mm thick or plasma cut mild steel, stainless steel and aluminium up to 50mm thick with bevel cutting capability.



TRUMPF



***NEW* 12KW FIBRE LASER!**

www.5750components.co.uk



To support our ongoing growth we have also recently invested in the very latest tube cutting technology enabling us to cut tubes, box sections, open profiles and special shaped tubes of up to 8.5m in length and $\varnothing 240\text{mm}$. The machine comes equipped with a 3D tilting head enabling us to cut $\pm 45^\circ$ chamfers and weld preps in thick walled tubes.

Our tube laser helps us to reduce manufacturing lead times for our customers as it removes the need for additional operations including punching and drilling, therefore also reducing costs.

The diversity of cuts available include circular, box, channel, angle and open profiles, amongst many others.

TUBE CUTTING

Dimensions:

Tube: up to $\varnothing 240\text{mm}$
Box: up to $\varnothing 200 \times 200\text{mm}$
RSA: up to $200 \times 200\text{mm}$
Max. weight: 340kg
Max weight per single tube: 40 kg/m
Max. component length: 8.5m
Max. bundle loading weight: 5000kgs

Materials and Thickness:

Mild steel: 12mm
Stainless: 8mm
Aluminium: 8mm
Brass: 8mm
Copper: 5mm
Galvanized Tube: 12mm

UP TO 8.5M IN LENGTH

240MM MAX DIAMETER

**"MERSEYSIDE'S FASTEST GROWING
LASER CUTTING COMPANY"**

PRESS BRAKE

Our fleet of highly efficient modern press brakes have a bending capability of up to 4.2m in length and 220 tonne which perfectly complements our laser cutting line-up and enables us to provide a one stop shop for sheet metalwork.

The dedicated press brake department in our 33,000 sq. ft. facility provides a precision metal forming service to the highest standards for both thin gauge sheets and thick plate alike.

The full CNC eight axis control allows total flexibility whilst also ensuring speed of both setup and manufacture, in line with our commitment to offer quick turnarounds and high quality to our customers.

Our highly trained Press Brakes engineers are well versed in precisely meeting customer requirements regardless of size or complexity.





WELDING & FABRICATION

5750 Components Ltd provides a complete welding and fabrication service for stainless steel, mild steel and aluminium components offering both MIG and TIG welding.

Supported by industry leading accreditations including ISO 9001:2015, BS/EN 1090 and ISO 3834, our engineers maintain a comprehensive knowledge of fabrication and welding processes therefore continuously producing work to the highest standard.

Our dedicated welding bays are equipped to weld all ferrous and non-ferrous materials and we have craneage capability of up to 20 tonne.

Established for over 25 years our diverse customer base includes sectors such as Commercial Vehicles, MOD, Rail and Retail.

We stock a large range of materials ensuring highly competitive rates and quick lead times. Our dedicated sales engineers are available to assist customers offering bespoke solutions to address each individual requirements, from small batches of fabricated parts to large volume production.

FAST QUOTATIONS
SHORT LEAD TIMES!

***"QUALITY IS AT THE HEART OF
EVERYTHING WE PRODUCE"***

ADDITIONAL MANUFACTURING SERVICES

As part of WEC Group, with 9 manufacturing sites spread across 600,000 sq. ft. of manufacturing facilities in the UK, we can also offer a wide array of in-house engineering services and are well placed to meet your requirements.



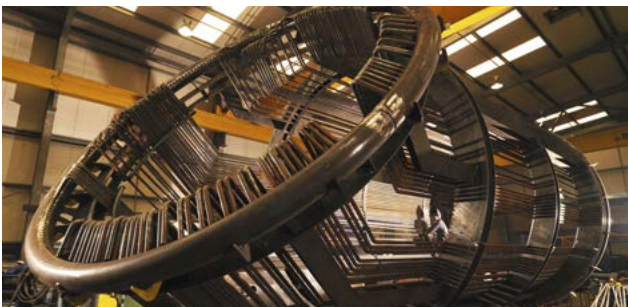
WATERJET CUTTING

With three dynamic waterjet cutting machines, we have the capability to cut almost any materials up to 7.3m x 2.4m x 200mm thick.



HIGH DEF BEVEL PLASMA CUTTING

With a format cutting area of 10m x 2.5m as well as a fully rotational bevelling head, we are able to cut components up to 50mm thick.



HEAVY ENGINEERING

Welding and Fabrication of large structures with craneage facilities up to 30 tonnes.



CNC MACHINING

Turning, milling and large machining, up to 11.5m in length.



CNC PUNCHING

Up to 2500mm x 1250mm x 6mm thick (stainless steel, mild steel, aluminium)



POWDER COATING & PAINTING

Operating as a true one-stop-shop, we offer high-quality shot blasting, wet painting and powder coating services.



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VISIT OUR
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