

Laser Cutting

LASER CUTTING & ENGRAVING SERVICES

REDUCED PROCESSING TIME. Laser cutting is a very efficient method of slicing materials with reduced handling, keeping a clean, high-quality surface finish that may not require time spent on deburring and finishing.

AFFORDABLE, ACCURATE QUOTING. Each laser cut part will take a different elapsed period to complete, depending on detailing and material specification. Our internal ERP software extrapolates data from drawings and returns an accurate time of total cutting. This allows reliable and rigid quoting where we can offer the most cost efficient quantities you require.

HIGH-SPEED, PRECISE LASER CUTTING. A rapid shuttle table design improves overall laser utilisation by externalising the material setup process, alongside advanced technology enabling a cleaner, high-speed cut every time, even in the thickest of stubborn materials. For projects where engraving or etched product identification is required we also operate a total dedicated etch work centre.



DESIGN



LASER CUTTING



SHEET METAL



FABRICATION



CNC FOLDING



CNC MACHINING



FINISHING



ASSEMBLY



Robust laser cutting machinery for tackling tough steels



Advanced Amada FOII i-C 3015 machinery



Laser cut, brass stair bannister and railings

HARDWARE INVESTMENT

We only use the best equipment to deliver consistently exceptional results. The **Amada FOII i-C 3015** series CNC laser cutter keeps us at the forefront of laser technology with it's seamless precision. The workshop also showcases a **Keyence 3-Axis Hybrid Laser Marker** that can etch and engrave into various metal surfaces. Our maximum etching bed size is **300mm x 300mm**, making it perfect for product and brand identification tags or plaques.

MATERIAL CAPABILITIES

Our **4000W** laser can power through a range of material up to a maximum sheet size of **3000mm x 1500mm** creating huge opportunities for all varieties of differently shaped and sized components.

	MILD STEEL: 20mm
	ALUMINIUM: 10mm
	STAINLESS: 15mm
	BRASS: 3mm
	COPPER: 25mm
	TITANIUM: 10mm
	TOOL STEEL: 5mm
	ZINTEC: 3mm
	GALVANISED: 3mm

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freshlook.co.uk

- DESIGN
- LASER CUTTING
- SHEET METAL SERVICES
- SPECIALIST FABRICATION
- CNC FOLDING
- CNC MACHINING
- FINISHING
- ASSEMBLY

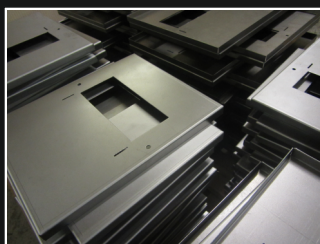


LASER CUTTING SERVICES

Freshlook Engineering & Products Ltd are still one of the market leaders in laser cutting and sheet metal fabrications. Based on the outskirts of Bath, we operate from a fully equipped state-of-the-art 15,000 sq. ft. facility, where we continually impress our clients with the wealth of knowledge and expertise, offering world class design and manufacturing services to all of our clients.



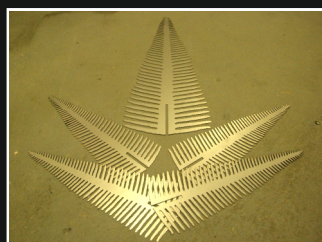
Laser engraved house plate



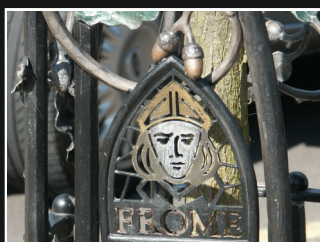
Folded, mild steel cabinet enclosures



Amada laser cutting technology



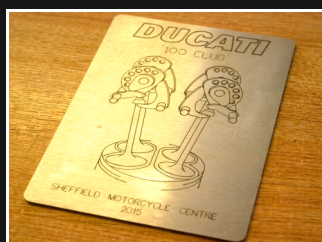
Steels up to 25mm can be laser cut



Laser cut steel emblem commission



Stainless laser cut conveyor belt guard



Laser etched stainless trophy plaque



Folded cabinet with powder coating



Complex and simple designs cut with precision

ETCHING, ENGRAVING & DETAILING

The workshop is directly networked to our office, giving the Freshlook design team all the flexibility and speed required to produce precise work within a promised lead time.

Adding etched detail promotes a professional brand image and boosts overall quality of a product. Using latest technologies available, we can work with mostly all types of sheet metal including box section, angle, tube, bar and extrusions.

PRACTICAL, CONCISE BUDGETING

Our promise of keeping in-line and below your budget is never broken, we make sure clarity is reached before the design stage with all processes under the same roof, we can offer a faster turn around with control applied at every point.

Initial consultations will help us determine what your budget allows and the expectations you have.

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Contact your representative today