

The image features a blue-tinted background of a laser machine's internal components. A central white rectangular area contains the text 'Lakeland' in a white, italicized serif font and 'LASER' in a dark blue, bold, sans-serif font. The 'LASER' text has a bright light flare effect on the left side.

Lakeland
LASER

introduction



Established in 1994, Lakeland Laser is one of the UK's leading specialist sheet metal laser cutting companies. Based at Kirkby Stephen in Cumbria, just a few minutes from the M6 and major A66 trans-Pennine route, the Company, which has established clients extending from England's Home Counties up to the far north of Scotland, is ideally positioned to serve the entire UK.

Happy either to supply its own competitively priced material or to process client's own stock, Lakeland works with all grades of mild and stainless steel, titanium, aluminium and specialist niche alloys to produce a variety of items ranging from simple flat cut parts up to more complex components and fully finished assemblies.

The Company operates a comprehensive range of metal processing equipment as well as state-of-the-art industrial laser technology and the latest CAD/CAM systems. The flexibility of Lakeland's cutting edge computer technology means that drawings in a wide variety of formats can be processed to deliver products at the most cost effective rates.

When customers are in search of engineering at the cutting edge, our helpful, experienced team, highly reactive, flexible approach and cutting edge technology ensure Lakeland Laser deliver an impressive service, a competitive price and an unbeatable product.

structure





key personnel

Stephen Reay

Owner of Lakeland Laser, Stephen also performs the role of Managing Director.

Val Jennings

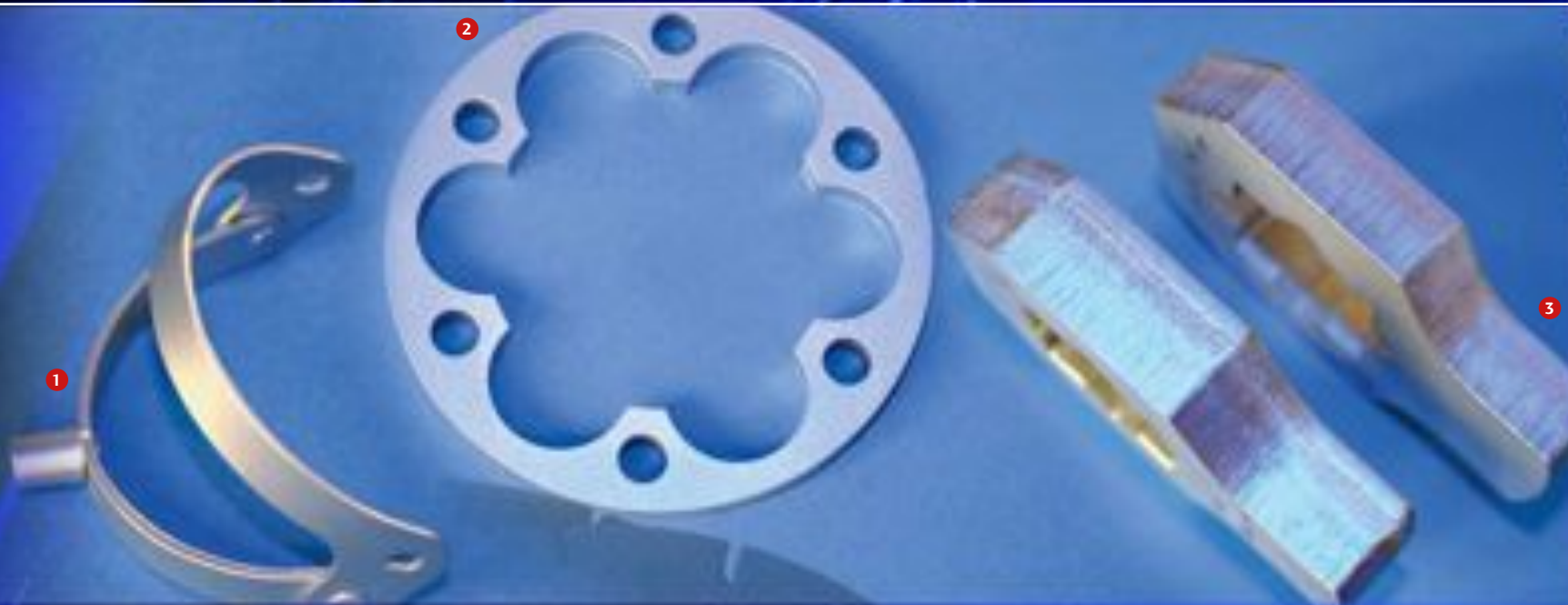
Operations Manager with responsibility for the day-to-day operational management of the business.

Val is also responsible for Lakeland Laser's Quality policy.

Mark Andrews

Sales Manager with responsibility for Account Management, oversees customer contact in relation to processing enquiries and orders. Mark and his team offer a problem solving service to customers requiring technical advice and guidance. He is also in charge of quality assurance.

cost-effective quality



Using laser cutting items can be cut and finished to exacting standards as single prototypes up to large runs by Lakeland Laser without the need for costly traditional tooling.

- ① *1mm stainless steel styrup spring mechanism 35mm across, cut, formed and finished.*
- ② *150mm diameter flange in 6mm aluminium featuring complex cutting profile.*
- ③ *100mm long balustrade bracket in 15mm and 20mm thick stainless steel.*
- ④ *150mm diameter clutch plates.*

sectors of activity



Aerospace:

When precision and absolute reliability count for everything Lakeland Laser are up there with the best, in the air and on the ground. The Company produces a variety of components for avionics and propulsion specialists, in titanium, aluminium and specialist steel grades.



Oil and Gas:

Modern mineral exploration technology demands a host of unique solutions to 'one-off' problems. From a complex gland to a basic flange - in stainless or mild steel, laser cutting is the ideal production method.



Petrochemical:

The high integrity, accuracy and quality of finish of parts laser cut from raw stock are a particular advantage for components used within the Zone 1 and 2 applications and pressure vessels that are such a common feature of modern chemical and processing businesses.



Automotive:

Complex cutting in large batches is achievable with laser profiling, Lakeland manufacture a variety of components for the auto industry. Folding and powder coating can also add another dimension to the product as well as providing a robust finish.



sectors of activity continued



Retail:

Shopfitting is an industry that operates against perennially tight deadlines. Unique features and special components are expected by stores that stand out from the crowd. Lakeland Laser have the expertise and experience to deliver when others can't.



Office Furniture:

Whether self-assembly or factory finished, modern office furniture demands finish and quality. Lakeland Laser's technology and precision gives results that combine precision with total consistency.



Agriculture:

Agricultural machinery and vehicle makers utilise Lakeland Laser extensively for the variety of high quality specialist components required in relatively small numbers within this sector. By minimising finishing time needed and delivering speedy batch production without the need for prohibitive tooling, laser cutting offers a highly competitive option.



Security:

The ability to cut complex forms from sheet metal delivers stress-free structural integrity, making laser cutting ideal for a diverse range of security products where low unit cost, strength and quality are paramount.



Lakeland Laser produce a diverse range of items in a variety of metals for an extensive client base.

By working together with clients as a coherent team, Lakeland Laser develops a greater understanding of customer's needs and becomes a valuable partner in the drive to business success.

This special synergy allows the Company to deliver highly cost effective, elegant solutions to the most complex engineering problems.



working with Lakeland

- Lakeland Laser has over 12 years of experience delivering the most cost-effective solutions to component and sub-assembly requirements across a wide range of bespoke sub-contracted engineering services.
- Minimal set up times and no need for expensive specialist tooling mean even the most complex jobs can be completed at surprisingly low costs - irrespective of batch size.
- Lakeland Laser are consistently reliable and maintain enviable levels of customer service – as a result an impressive 80% of orders come from repeat business.
- A strategic partnership with the leading laser cutting authorities means Lakeland Laser have unparalleled engineering and production resources at its disposal; ensuring that even the most complex of engineering problems is matched with the most elegant of solutions.

Pictured: Our customer's striking stainless steel sculpture for Al Ain International Airport measures 20 metres in length and features water jets at the rear to create a moving image.





working with Lakeland continued

- With a proven track record in meeting the most complex engineering challenges – Lakeland Laser is the intelligent choice to solve your component production engineering problems.
- When deadlines seem impossible, the Company operates a 24 hour service to meet your most urgent needs.
- Lakeland Laser's total capability and cutting-edge technology ensures that if it CAN be produced, then Lakeland Laser will be able to produce it - and at a competitive price.
- Membership of the Association of Industrial Laser Users (AILU) and the Northwest Aerospace Alliance offers you the solid peace-of-mind of knowing that you are dealing with a well established business, with access to a wealth of cutting edge technical resources.

Pictured: A complex architectural bay window unit fabrication with fine tolerance cutting and bending for the Scottish Parliament Building.



suitability



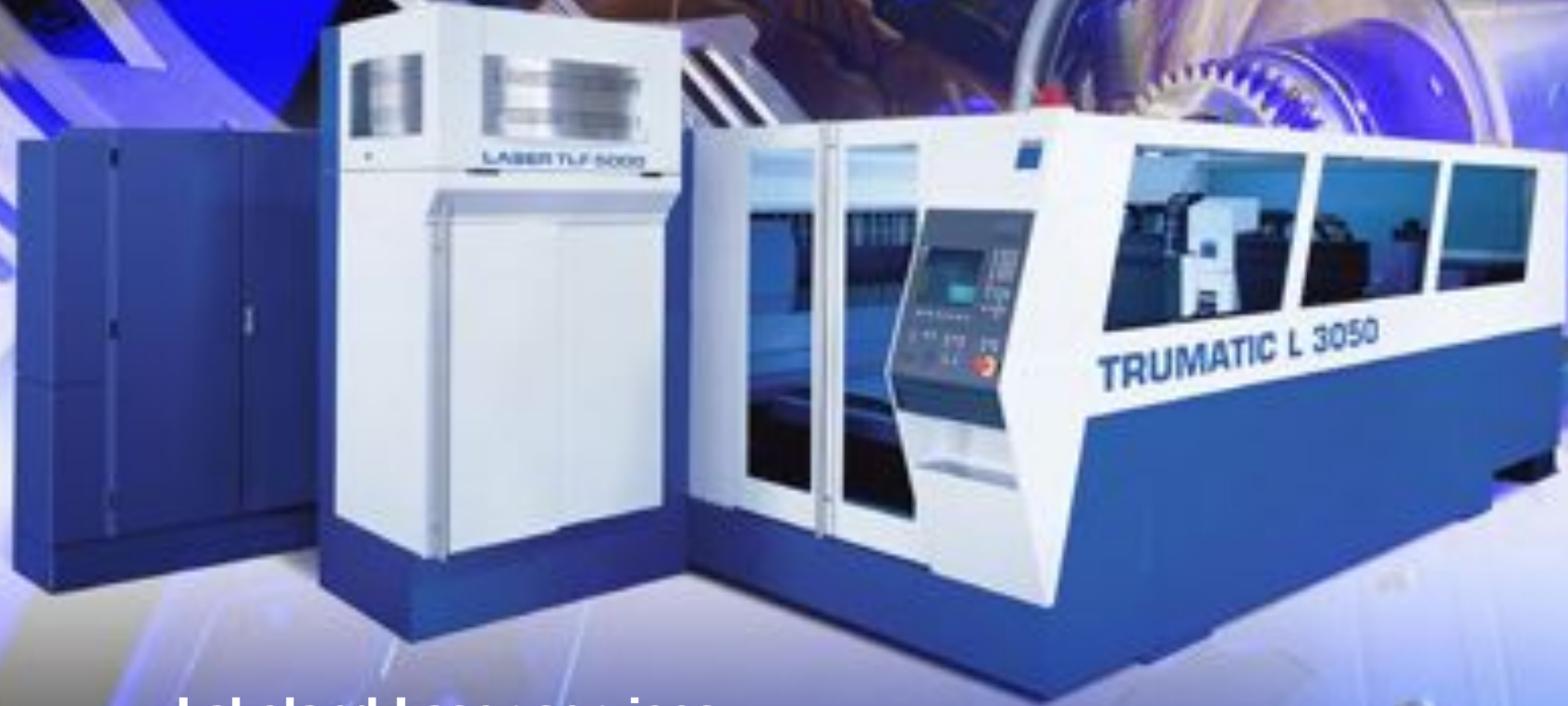
Located at a 60,000 square foot site just a few minutes from the A66 and the M6 at Kirkby Stephen, Cumbria, Lakeland Laser is strategically placed for serving customers across the UK.

Working to ISO 9001/2000 quality standards, the Company offers a complete service from small bespoke orders up to major contracts, whilst Lakeland's expert prototyping team can provide incisive solutions to your production and design problems and deliver one-offs and very small orders.

Lakeland Laser's multi-shift pattern provides flexibility to operate 24/7 ensuring that large orders and the tightest deadlines can be met.

The Company's success is founded on absolute quality control, ensuring every single item matches the most exacting standards and is delivered on time - every time. Lakeland customers further benefit from a pro-active approach that identifies the ideal solution and then delivers what clients actually NEED.





Lakeland Laser services

- High quality laser cutting and profiling.
- Multi-axis bending, drilling, tapping and shearing.
- CAD design and technical component services.
- One-off to long-run production engineering.
- General sheet metal fabrication.
- Product design, prototyping and consultancy.

capability



Laser cutting

Lakeland services are based on Trumpf Flatbed Lasers delivering the latest in high speed cutting:

- Mild Steels 0.5mm up to 25mm thick.
- Stainless Steels 0.5mm up to 20mm thick.
- Aluminium 0.5mm up to 10mm thick.
- Titanium 0.5mm up to 4mm thick.
- Zirconium 0.5mm up to 3mm thick.
- In addition multiple specialist alloys, brass, ferro-chromes and non-ferrous metals cut upon request.
- Maximum Sheet Size 3m x 1.5m.

Pressbrake capacity

Up to 4 metre, up to 320 tonnes, up to 9 Axis.

Coupled with an excellent range of tooling making it equally suited to intricate, fine tolerance work or simple bends.

Shearing

NC controlled 3m x 13mm variable rake.

Welding

Spot, Mig, Stick and Tig Welding, plus a variety of related sheet metal fabrication techniques.

Tolerances

Positional repeatability: ± 0.02 mm.

Cutting: ± 0.1 mm down to 50 microns.

Multi Axis Bending: $\pm 0.5^\circ$ (or better on request).



Lakeland
LASER

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