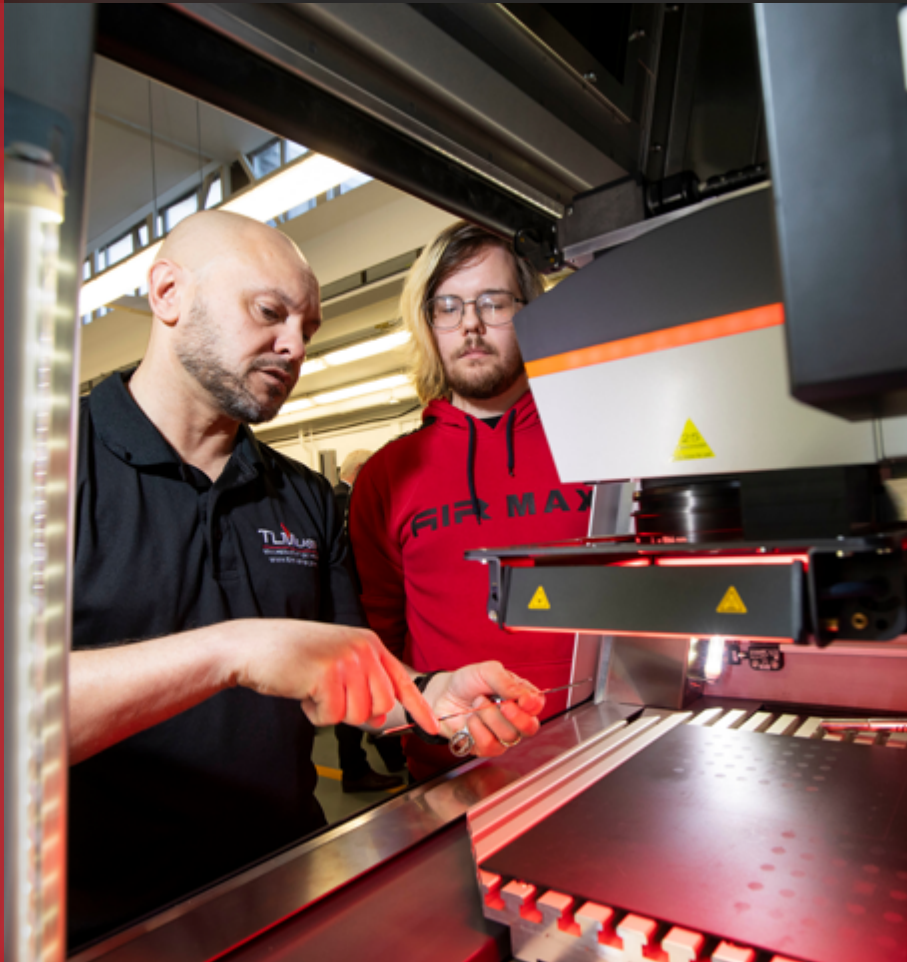




JOB SHOP

**In House Marking & Engraving
Laser Services**



TLM JOB SHOP



SAME RESULTS, FRACTION OF THE COST

The TLM job shop is a reliable alternative to in house laser capabilities.

Our expertise spans a variety of materials, from aluminium and steel to plastics and organics like wood and leather.

Whether marking or engraving, we meet your specifications, be it branding, barcodes, logos, or batch numbers.

For quality and precision, TLM's job shop is the go-to choice. Our flexible services seamlessly integrate with your evolving production needs.



**LOW COST
ALTERNATIVE**



**ULTRA
PRECISE**



**SPEEDY
TURNAROUND**

YOUR LASER SOLUTION



QUALITY WITHOUT THE COST

This cost-effective solution is ideal for companies needing high-quality markings without committing to the long-term expenses of equipment ownership, maintenance, and operation.



PRECISION PERFECT LASER SYSTEMS

Our top of the range systems coupled with intelligent vision software means whatever your requirements we deliver exceptional results to the highest standards of quality with every mark.



WORKING AS PART OF YOUR PRODUCTION

It is imperative to keep your production schedule on track that is why Our efficient job shop services are designed to provide a quick turnaround enabling you to maintain momentum in your operations and meet your business goals with ease.

OUR TECHNOLOGY



FOBA LASER RANGE

The Future of Direct Part Marking

The TLM job shop houses a complete selection of FOBA Lasers' M Series systems. Offering a range of versatile machines designed to meet diverse industrial marking and engraving needs such as black marking, surface marking, deep engraving and 3D effect engraving.

These include three systems: the compact M1000, which is perfect for marking small parts, and the standalone M2000 and M3000, both capable of handling larger parts and higher volumes.

All of our laser markers are equipped with FOBA's own high end Intelligent Mark Positioning (IMP) vision system, which significantly reduces errors and enhances production speed.

The IMP system guarantees consistent high quality marking and engraving with every pass, offering reliability, efficiency, and superior performance.

Meaning you see the best results on your products every time, guaranteed.

ENSURED PRECISION

With Intelligent Mark Position
Quality Checking Software



SUPPLYING UK INDUSTRY

MEDICAL & ELECTRONICS

Medical and Electronics are examples of industries where permanent marks are crucial for daily operational success.



AUTOMOTIVE

Serialisation, part numbers, barcodes and branding, our automotive customers require it all.

OIL & GAS

If you need hard wearing components then you will need a permanent mark which can stand up to the same standards.



AEROSPACE

In an industry where traceability is paramount, lasers are the go to technology to ensure a permanent mark.

WATCHES & MINT

Luxury goods, coin and medal manufacturers are being revolutionised by lasers for their intricate branding designs.



APPLICATION SPOTLIGHT

HIGH CONTRAST & PERMANENT PROBLEM SOLVING

Here you can see a specialised project for an unnamed client in the medical technology field. The task involved a requirement for high-contrast, permanent marking on stainless steel surgical instruments, crucial for ensuring traceability in compliance with FDA and MDR UDI directives.

The Challenge: Marking medical-grade stainless steel presents unique challenges: the marking must withstand repeated sterilisation without fading or corroding. With varying steel alloys and finishes, achieving durable, non-reflective marks demands precise laser parameter control.

The Solution: FOBA's ultrashort pulse laser system allowed for extremely low heat impact, producing ultra-black, matte markings. The integration of an advanced vision system ensured pre and post marking inspection, guaranteeing flawless results. This combination enabled high-speed, reliable markings with exceptional legibility and resistance.

The Outcome: This tailored approach delivered permanent, high-contrast marks that met stringent industry standards, supporting product safety and efficiency. The all-in-one control software streamlined the process, making it both seamless and cost-effective for the client.



THE PROCESS

START YOUR PROJECT IN JUST 5 EASY STEPS

1

ENQUIRY

Customers can reach out to us easily via email at sales@tlm-laser.com or by calling 01527 959099. We ensure a prompt response to discuss requirements and guide them through the initial process.

2

PROJECT

A customised project pack is created, detailing specific requirements such as the quantity of parts, production time lines, and design files. Ensuring a clear understanding of the scope and expectations.

3

SAMPLES

We provide sample marks on prototype parts to help evaluate how we can achieve the desired outcomes. Each material has unique properties, so we collaborate with clients to find the best marking solution tailored to their needs.

4

QUOTATION

Based on the project details, we compile a comprehensive quote, including costs and any additional considerations, ensuring transparency and clarity before moving forward.

5

PRODUCTION

Once approved, we proceed with the production phase, expertly marking the client's manufactured parts according to their specifications.



YOUR LOCAL LASER JOB SHOP



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