LASER CUTTING & MORE

LaserProcess

...precisely

www.laserprocess.co.uk

Why use Laser Process

As a UK leading sub-contract laser cutting company, Laser Process are able to offer our clients the ability to:

Increase Productivity
Improve Profitability
Maintain Quality Levels

Through:

- Consistently accurate laser cutting
- Reliable, friendly service
- Rapid turnaround
- On-time delivery
- Project management
- Technical advice
- Online Quoting System - Laser Quote 24/7

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About us

Laser Process began in 1990 with and experienced team whose industry expertise dated back to the early 80s. This enabled us to quickly establish Laser process as an industry leader.

Focussed on customer service at all touch points, from initial conversation, through our robust processes and delivery we consistently add real value.

Along with early adoption of appropriate new technologies we have proven ourselves to be more than just another supplier, servicing many sectors we are continually developing and changing to match our clients requirements and offering a reliable and friendly cost effective solution.

Laser Process are a founder member of the Association of Laser Users (AILU).

Capable, Qualified & Innovative

What we do

"superb company offering the highest standards, professional mannerism, excellent product support, with great quality and service."

Mark Littler

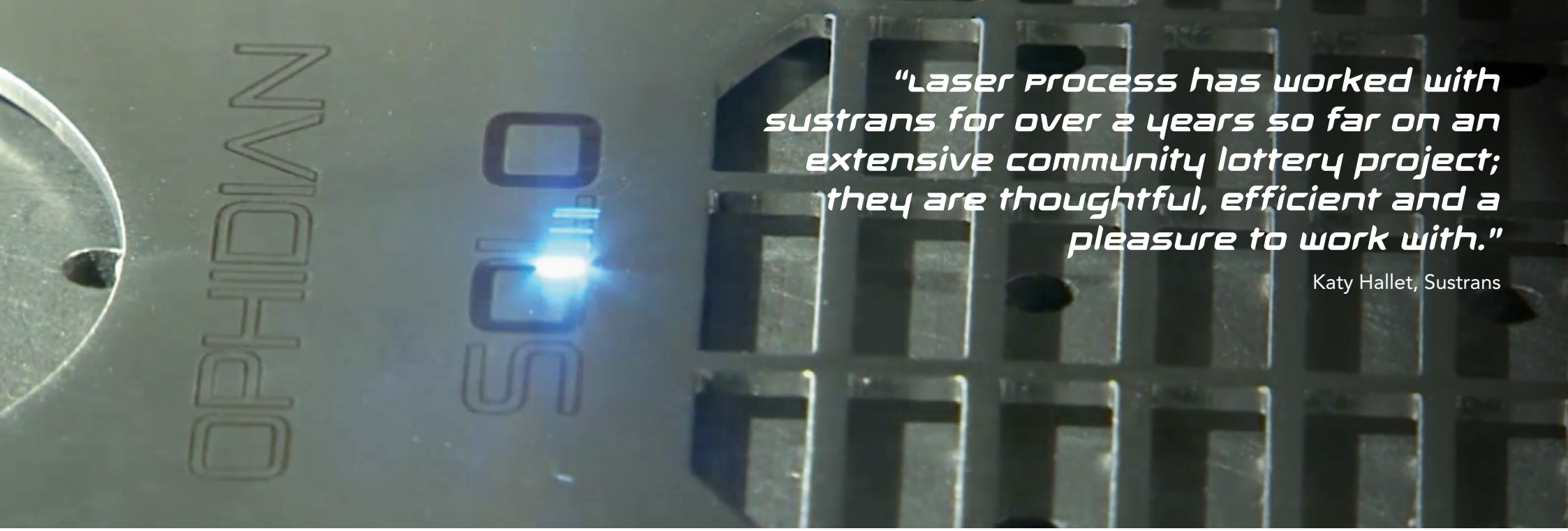
Laser Cutting

Laser Process helps to improve overall performance and accuracy across all related areas of manufacturing.

Our experience and expertise in what some may still consider "a relatively new process" in metals based manufacturing enables us to provide laser cutting and related processes to a diverse range of clients.

Our offering is perfectly placed to match the requirements of large and small companies who require small and medium sized batch work.
We also enjoy the challenge of bespoke projects that require the full extent of our service offering and have proven to provide solutions to potential problems while consistently offering the ability to:

- Eliminate tooling costs
- Achieve higher cutting speeds
- Improve accuracy
- Cut complex profiles
- Improve edge quality
- Minimise flexibility
- Improve flexibility
- Produce one-offs and prototypes



Laser Marking - Marketplace

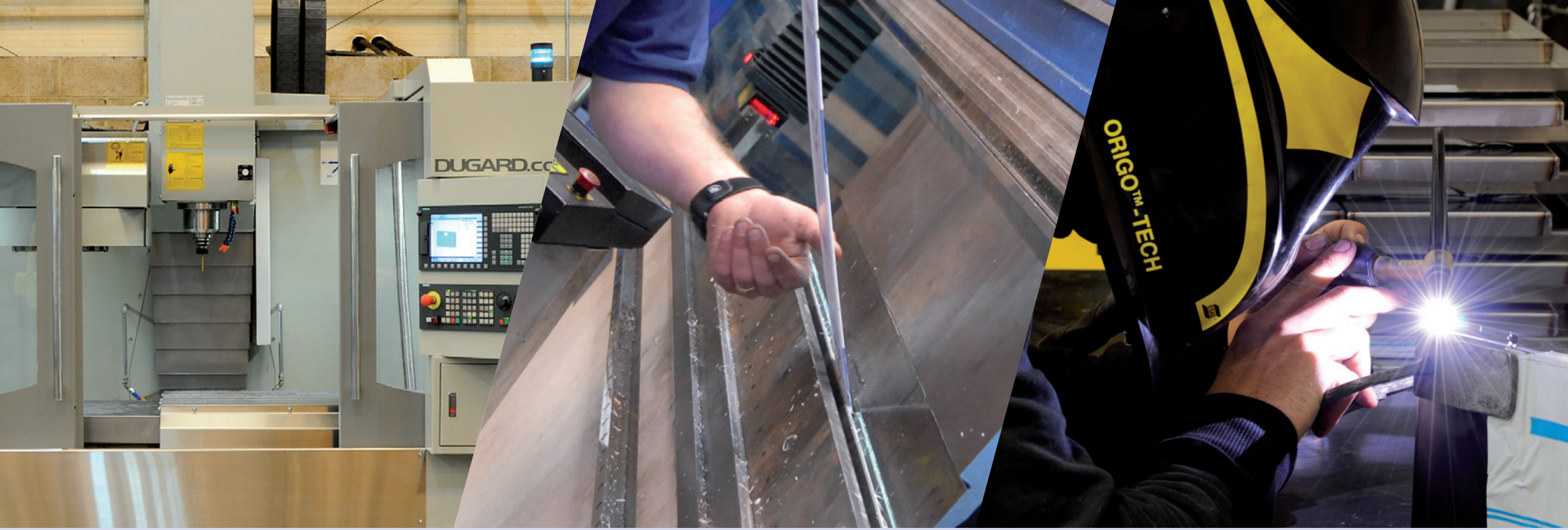
Why use laser marking at The Markit Place?

- Able to mark with incredible resolution on a variety of surface finishes
- Marking is indelible and durable under the toughest conditions
- Versatile marking equipment used that can accommodate a multitude of objects and shapes
- Marking is heat resistant up to high temperatures
- Invaluable in the identification and traceability of products
- Marking is precise, exact and measured
- Provides protection against imitation

As one of the UK's leading sub-contract laser cutting companies, making continual investment in new technology, Laser Process has created a department dedicated to product marking and engraving.

There is an increasing requirement among businesses to mark products in a durable, indelible format. Whether for bar-codes, serial numbers, logos or for safety, legal and user information for service staff and other users, marking is now necessary on many components in all branches of industry.

A wide variety of materials can be processed by engraving (the removal of material) or by marking (the use of controlled heat to change the surface colour).



CNC Vertical Machining

Vertical machining is one of a range of secondary operations available onsite. Drilling and tapping, counterbores, countersinks, rebates and chamfers are just a few of the features we are able to add to laser cut profiles.

This facility enables us to supply completed components without the need for further customer involvement, saving them time and costs.

Bending

Pressbrake work has been a part of our facility for many years. Experienced operators and industry leading, computer controlled, equipment ensure top class results time after time. Bending by Laser Process saves the customer time and expense against organising another operation, sometimes, even where they have their own facility.

Assembly

Our assembly facility was set up, originally, at the request of customers who wanted a ‘one stop shop’ for their product.

We produce the components, assemble them, with customer specific items where required, and pack them ready for despatch to the end user.

Our quality control procedures ensure that the customer can have full confidence in their product.

Who we work with

We supply the entire manufacturing sector. Using the latest and most powerful laser technology, Laser Process has the capability to supply to the standards required throughout manufacturing including, but not limited to:

Automotive

Meeting required quality standards and supplying to schedules.

Architectural

Collaborating with designers/architects to produce bespoke metalwork.

Mobility

Working alongside several mobility companies to help develop new designs for innovative products.

Motor Sport

Providing the motor sport industry with the highest levels of accuracy and small batch work where required.

Special Projects

Working with companies, institutions and even artists to produce original design projects.

We also work with:

Transport, Material Handling, Construction, Shop Fitting, Fabrication, Aerospace, Marine, Agriculture, Security and Furniture

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How we do it

Technical

Laser Process have added laser marking to their extensive capacity for laser cutting and laser profiling.
We successfully work with virtually every manufacturing industry, supplying them with their individual requirements.
We are able to take drawings in all formats and if no drawing exists we are able to reverse engineer with the use of our Laser CMM.

Capability

Laser Process is committed to investing in the latest laser cutting technology. Our skilled team use 'state of the art' high speed laser cutters, plus CNC pressbrake bending machinery. We provide a consistently accurate laser cutting service, from one-off to full scale production quantities.

Visit our website information pages to download current capacity schedules.

Current Equipment

Trumpf CNC laser cutting systems.
Trumpf CNC laser marking system
Trumpf CNC pressbrake – up to 4 metres x 170 tonnes
Dugard CNC Vertical Machining Centre
Vibratory Deburring
Mig/Tig Welding
Laser CMM for inspection and reverse engineering.

Quality

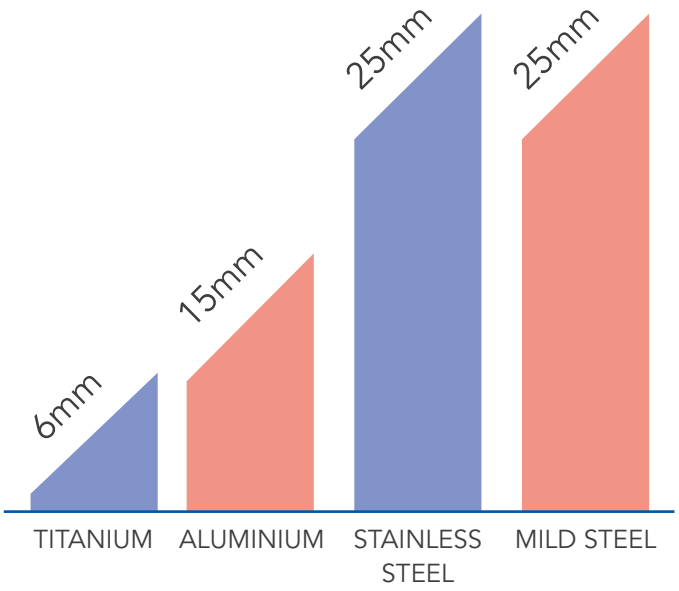
Laser Process is accredited to ISO 9001:2008 standard and as a founder member of the Association of Industrial Laser Users, Laser Process regards quality as a core issue.

Metals & Materials

Laser Process has the technical knowledge and experience to work with a wide range of metals. However, the most frequently used metals are mild steel, stainless steel and aluminium.

Visit our website information pages to download our list of materials and their cutting limits.

Cutting Capacity Guide



For specific details or any further information required please contact one of our team.

Compliance

ISO 9001 Registered Quality Management

ISO 14001 Registered Environmental Management

Memberships

Association of Laser Users
British Safety Council
Confederation of British Metalforming
MTA
Made in the Midlands

Service

The team at Laser Process has an unrivalled understanding of the service levels that laser cutting makes possible.

Design Support

Our team of experts:-

- Provide detailed technical advice where required
- Accept data in any format including; drawings, templates, DXF and DWG files
- Work from data supplied to generate CAD/CAM designs

Project Management

All customer projects are managed to provide:-

- Supply chain collaboration
- Supply to schedules, including Kanban and JIT
- Rapid turnaround, within a few hours, when required

Delivery

We have our own fleet of delivery vehicles and deliver to all parts of the UK.
Our packing procedures are designed to comply with contract requirements and to maintain the integrity of the product.

First Rate Customer Service

The core of our philosophy is quality and service leading to strong business relationships and friendship borne out of trust and confidence.

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Case Studies

Please see below examples of some of the more complex projects we have completed effectively for clients.

Project 1

We were appointed by Sustrans, the National Sustainable Transport Charity, to produce approximately 240 statues as part of their Connect2 project. These statues are lifesize and are of a variety of celebrities, sports stars, historical figures or local heroes.

The process includes laser cutting, welding and laser marking. We also store and deliver benches, made by others, as part of our service.

Project 2

Our reputation led a supplier of commercial kitchen equipment to request that we manufacture a range of products and pack ready for despatch to the end user. We manufactured the items from start to finish including the fitting of specific items supplied by the customer.

The process involved laser cutting, bending, welding, assembly and packing.

Project 3

A multi national security company required lock face plates for a prestigious export contract. We were able to supply the components to exacting standards, to schedule and to budget.

The process involved laser cutting, machining, polishing and laser marking.

Summary

Laser Process has proven, time and again to be the supplier of choice to many customers, of all sizes. This has not happened by chance……. it has happened because we care about our business, we care about our services, we care about our quality and we care about our customers.

Find out what we can do for your business

Call our expert and friendly sales team
on 01543 495000
or email sales@laserprocess.co.uk
or visit our website where you can find out more
& get an on-line quote with

LASERQUOTE24/7

www.laserprocess.co.uk

For direct enquiries & service contact:

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