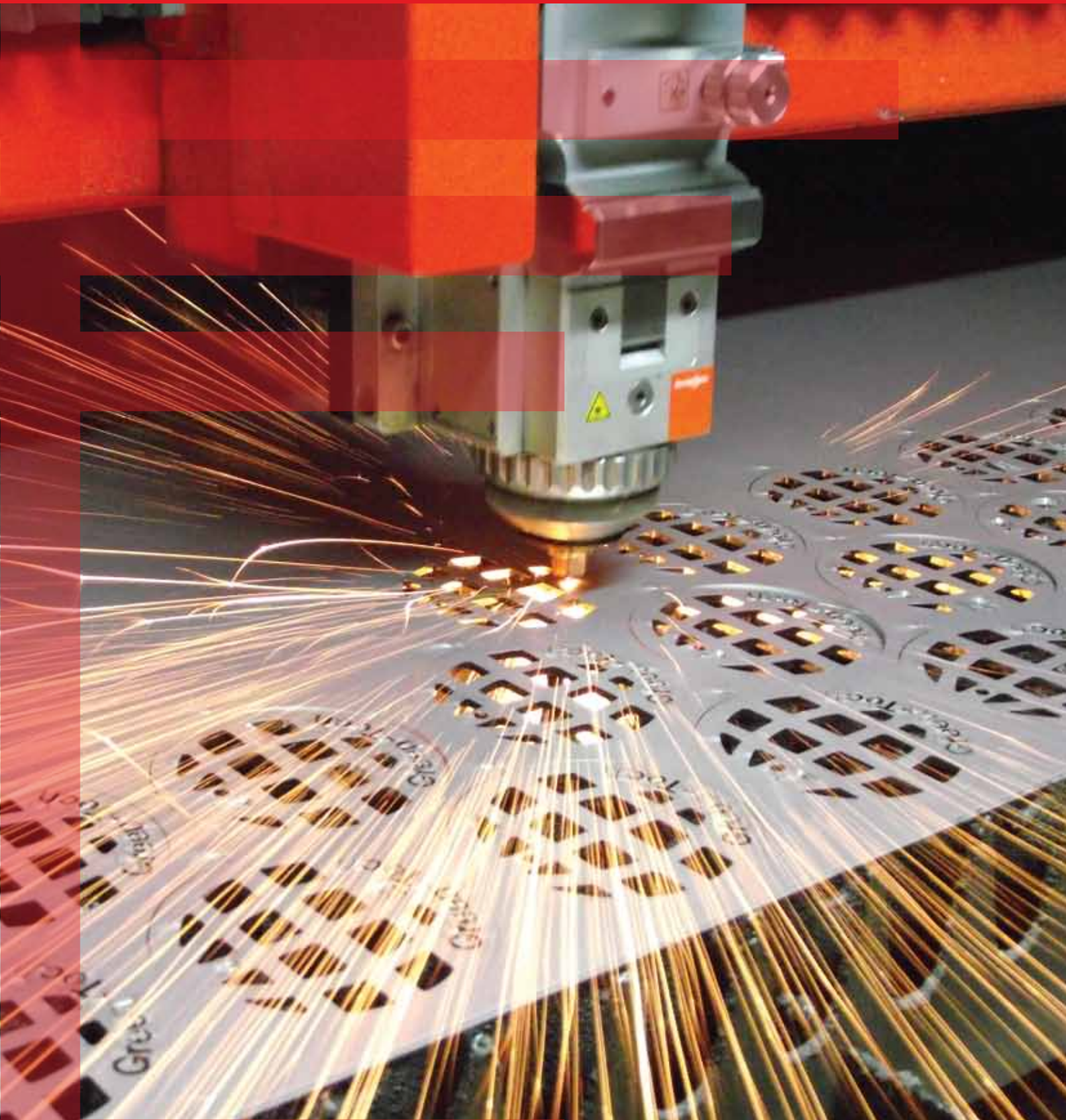




**CHARLES
DAY**

Economy Through Technology

Laser Cutting - Waterjet Cutting - HD Plasma Cutting - Flame Cutting



PROFILE CUTTING SINCE 1977

Charles Day provides the latest cutting technology and continue to evolve into one of the largest and diverse subcon cutting companies in the UK.

Today our machines are cutting 24 hours a day, 7 days a week to serve over 5000 customers all over the UK.

Why do over 5000 customers choose Charles Day?

- 24/7 cutting with both manned and lights off processes giving shorter lead times.
- Suitable for one-off prototypes up to large production runs.
- Large material range in stock, we can source most other materials in 24-48 hours.
- We can cut free issue materials to your drawings and specifications.
- We cut materials most competitors don't offer, if we can source it we can cut it.
- Our combined processes mean we can cut material from 0.1mm thin up to 270mm thick.

Waterjet cutting

Heat and gaseous materials free, waterjet cutting brings accurate and cost effective cutting options to our customers over a wide range of material, thickness and applications.

Waterjet Cutting Advantages

- Multiple cutting machines with multiple cutting heads for fast turnaround.
- 8m x 4m maximum cutting size.
- 230mm maximum cutting thickness.
- No thermal stress or burring on the cut.
- Almost any material can be cut including metals, alloys and plastics.

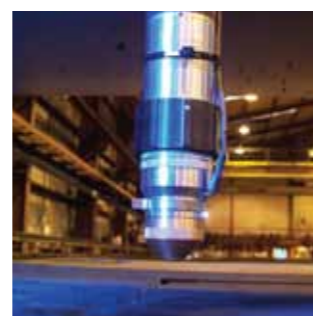


HD Plasma Cutting

Plasma cutting has the advantage over flame cutting is that it can cut stainless steel.

HD Plasma Cutting Details

Cutting thickness up to 30mm (or 50mm from plate edge)
High definition plasma machine for maximum edge squareness
Cutting bed area of 12m x 5m
Full range of carbon and mild steel stocked in popular thicknesses.



Flame Cutting

The main advantage of this traditional method of profiling steel is that it's comparably inexpensive when cutting carbon steel and similar metal alloys.

Flame Cutting Details

Multi-headed flame cutting with eight cutting heads.
Cutting thickness of 6mm to 270mm depending on material.
Cutting bed area of 21m x 5m
Full range of carbon and mild steel stocked in popular thicknesses.



Six Laser Cutting machines, cutting 750 hours per week

We offer laser cutting services to various industries all over the UK, from complex one off jobs to vast numbers of precision parts.

CO2 Laser Cutting

- Multiple laser machines for quicker lead times.
- Sheet/plate size up to 4m x 2m.
- Metal cut up to 25mm thick.

Fibre Laser Cutting

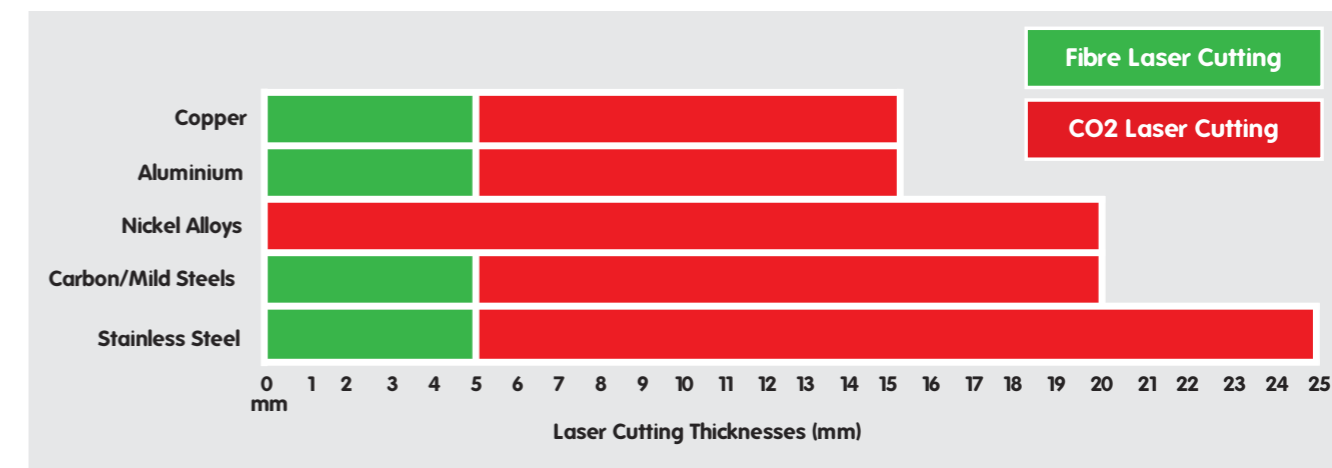
- Advanced alternative to CO₂ laser cutting.
- Reflective metals such as aluminium, copper and brass are easily processed by fibre laser.
- Metal up to 5mm is cut faster than conventional laser.
- Sheet size up to 3m by 1.5m.
- Massive cost savings for large quantities of laser cut parts.



The latest 6kw BySpeed Pro & 3kw BySprint Fiber, fully automated with a BycellCross storage system for 24 hour lights out production



Materials we can laser cut





CHARLES DAY

Economy Through Technology

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Proud to be part of:

