

Laser Profiling

Providing the highest standard of laser cutting and laser cut parts

TS Metals, a Quartzelec business and an expert in welding and fabrication services has invested significantly in state-of-the-art cutting facilities, which ensures a laser profiling service, that is both competitively priced and of the highest standard.

We work with material from 0.10mm to 20mm in thickness and with a working area of 3000 x 1500mm. What's more, we can provide an exceptionally fast as well as accurate processing of the thinnest of materials, specifically electrical lamination steel.

We can work with you on one-off bespoke projects, prototype development through to batch production.

Laser profiling is just one element of the full TS Metals range of operations. With Welding and Fabrication Services, NDT Services and Finishing Services, from design through to delivery - we support the full end to end process.

Our Laser Capability

Our machine is capable of cutting :-

- Up to 20mm mild steel
- Up to 20mm aluminium
- Up to 20mm stainless steel
- Up to 8mm brass or copper

Our technology

Our Trumpf CNC laser cutting system (4kW fiber) utilises CAD/CAM software allowing us to import geometry files or generate our own using an integrated CAD/CAM system. We have the capability to reverse engineer if required.

Our experience

The staff within TS Laser, have over 50 years of combined experience of laser profiling, supplying parts for sheet metal work, fabrication and electrical laminations for core building.

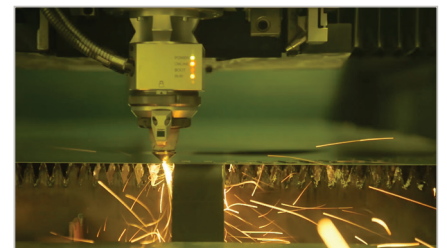
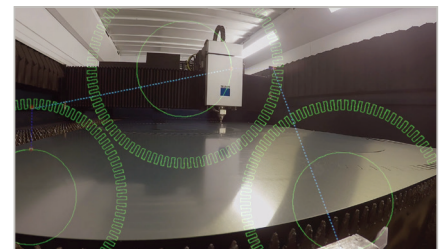
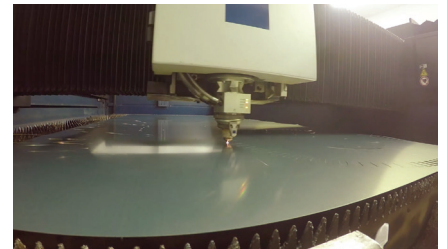
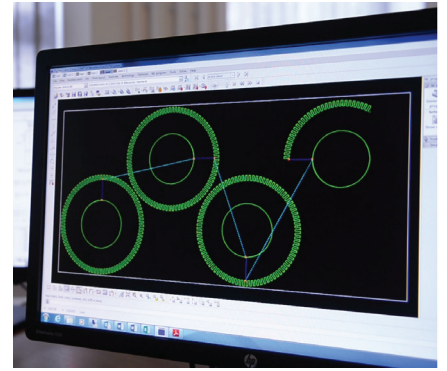
Significant experience in supplying to the specific and particular requirements of the aerospace and automotive sectors has given us the understanding of exceeding customer quality requirements.

Who we do it for

In addition to supporting our main fabrication facility with specific laser profiling requirements, we also provide support to a wide cross section of industry:

- Oil, Gas & Petrochemical
- Aerospace
- Automotive
- Nuclear
- Power, Energy and Utilities
- Quarrying, Mining,
- Marine & Defence
- Aggregates & Cement

Our high profile clients include; MOD, Rolls Royce, Cavendish Nuclear, GE, ATB Laurence Scott and Parsons Peebles.



Key contact Information

To request a quotation or further information
please contact

T: +44 (0) 1788 540019

E: tsmetals@quartzelec.com

TS METALS

