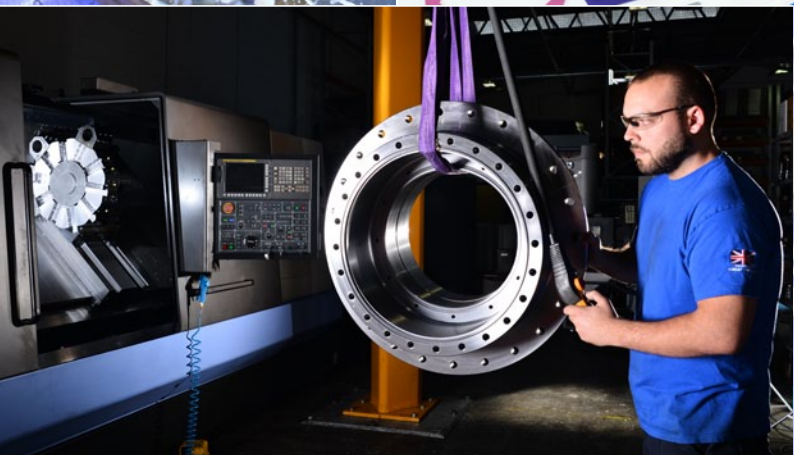
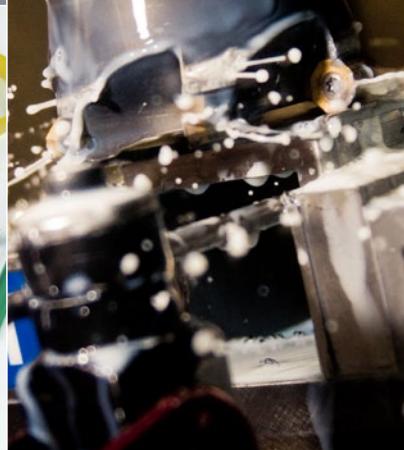
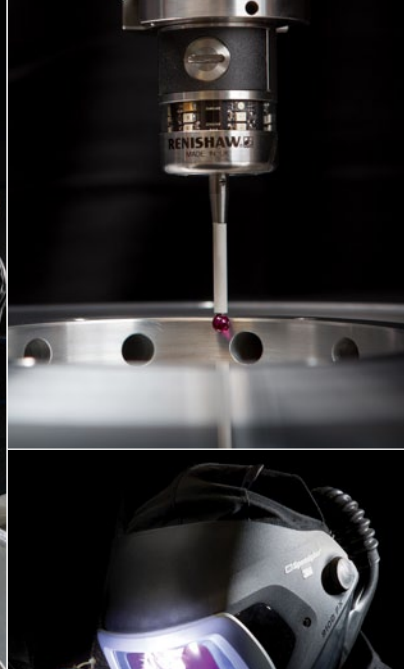




Experience & Reputation

Impress Group supply a variety of engineering components to a large market sector throughout the world. We are one of the UK's leading sub contractual providers and ensure all products we supply are to the highest standard.

Based on five sites in the North East of England with over 65,000²ft, Impress Group are dedicated to providing high quality components to suit all your engineering demands. Customer satisfaction, price and delivery are our goals, to ensure we provide the best service from enquiry to delivery.

With a full project management service from concept through to completion, and by combining the resources of the Impress Group we can offer an extensive range of services, in house, guaranteeing customer parts and projects are managed by our fully qualified team of engineers.

BESPOKE ENGINEERING

We design and manufacture to your individual requirements, using the most up to date engineering techniques available.

We work together with you to find the optimum solution to your requirements offering each customer a memorable level of service.

MATERIALS

With countless materials available to us worldwide, we produce an extensive product range both in standard and non-standard, materials from plastic to specialist alloys.

Some of the more exotic materials we hold in stock are:

ALUMINIUM'S	MONEL
BERYLLIUM COPPER	PHOSPHOR BRONZE
BRASS	TITANIUM
COPPER	ZERON
DUPLEX F51,F53,F55	NIMONIC
HASTELLOY	17/4 PH
INCONEL 625,718	SHIM STEELS

Please get in touch for more information on other materials we can work with.

IN-HOUSE SERVICES

Having a range of different operations under one roof allows us to control the entire manufacturing process.

Some of our in-house services include:

- Pressings
- CNC sheet metal forming
- Tool engineering
- CNC milling
- CNC turning
- CNC sliding head machining
- Specialist welding services
- Fabrication
- Laser cutting
- Fibre optic laser cutting
- Wire erosion
- Multi axis CNC milling
- Non-Destructive testing
- Co-ordinated measuring machines (CMM)
- 3D CAD CAM
- Finished components

These allow us to control and maintain tight deadlines.

We continually invest in new machinery and training.

DELIVERY

Our rapid response to customer requirements allows us to deliver goods on time, as customer satisfaction is our main goal. Having the capability to run machines 24/7, with our high productivity rate, ensures an express delivery service is always achievable.





Quality

It is essential that all processes we control work efficiently and that all our divisions are working together to ensure we can be your one stop solution for all your engineering demands.

INSPECTION

We invest heavily in our inspection processes. Here at the Impress Group we understand the importance of getting the component delivered on time, right first time, every time.

We have developed our internal systems to ensure that components we supply are to world class standards.

Our inspection department has:

- The latest in CNC CMM technology
- Shadow Graphs
- Gauge Maker (Hardware and Software)
- Image dimension measurement systems

We ensure that all components go through rigorous inspection before despatch.

We can supply full documentation packages with up to 100% dimensional inspection reports or just a certificate of compliance if this is all you need.

As well as a dedicated inspection department we ensure our commitment to quality is communicated throughout the organisation at all levels.

QUALITY SYSTEM

Operating with our UKAS, ISO, British Standards approved quality system our QA department ensures the service we supply is world class.

BSI approval ensures our quality management system goes through vigorous periodic inspections to ensure we are getting the best from our current process and procedures.

We understand that BSI approval indicates our commitment to quality and we see the BSI brand as one of the world leading quality assurance companies

CONTINUOUS IMPROVEMENT

We are always looking for ways to improve our services and internal processes in order that you, the customer, get the best possible service from us.

We welcome new ideas; customer audits are an ideal opportunity to not only ensure compliance with our systems and processes, but to get an external confirmation of how resilient they are.

We seek continual improvement through periodic audits, research and develop new improved ways to increase efficiency, customer satisfaction and reduce costs.

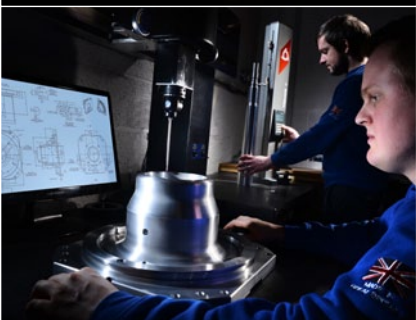
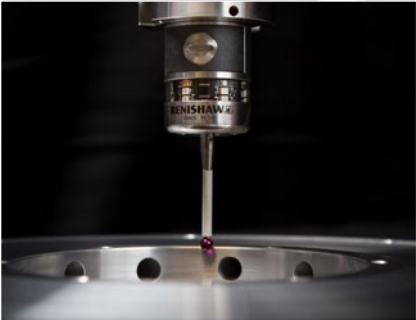
STAFF DEVELOPMENT

We are committed to supplying all our customers the very best possible service and to achieve this we ensure we have the very best team working with us.

Here at the Impress Group we are dedicated to providing all staff with the training needed to enhance their skills and offer support in personal development. We also work alongside external agencies offering continual apprentice schemes which allow us to develop our future employees.



FM 580593



Pressings

We are one of the leading companies in the UK who supply pressings direct to many market sectors.

PRESSINGS

We have been supplying pressed components for many years, from basic stamped out washers and shims, to precision blanked and formed components.

Bespoke pressing is our speciality, however we manufacture a huge range of standard pressings from a variety of materials.

Due to a global customer market we have encountered many engineering challenges, allowing us to overcome any presswork requirement; this allows us to provide a unique service, from concept through to delivery.

Our press shop can accommodate:

- Prototype work
- Low to Medium Volume running
- Up to 160 Tonne capacity
- 1200mm x 1000mm bed sizes
- Rapid delivery
- In-house tool room

We work closely with our customers to develop solutions to meet individual requirements.



Our experience, together with our tooling capabilities, provides a pressing service that is noted for quality and rapid delivery.

See our website for more details on the range of pressings we can offer or contact our sales team who will be happy to help.

TAB WASHERS

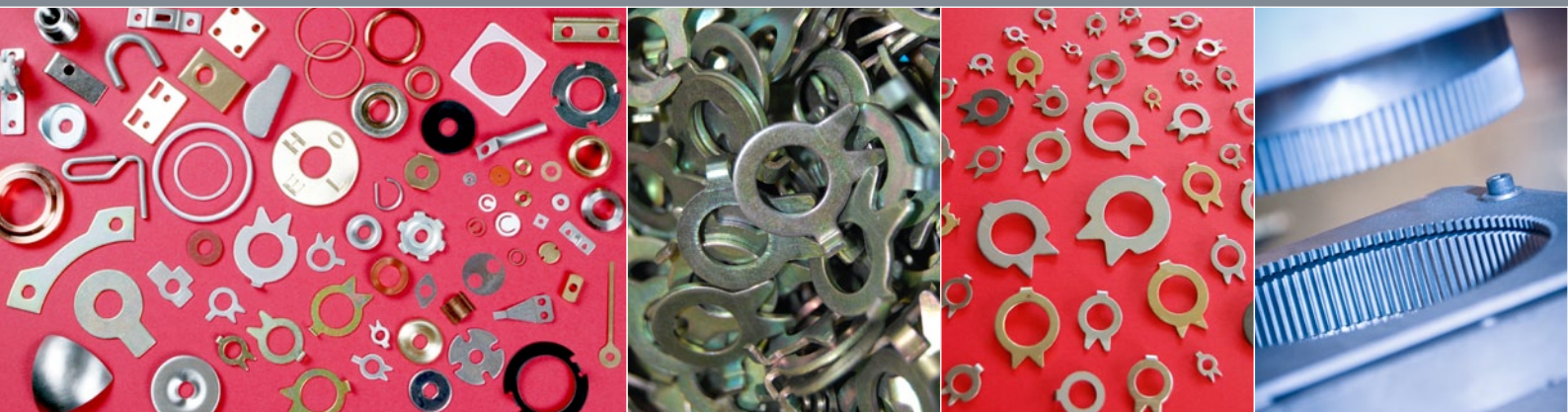
We supply tab washers in numerous materials, including all the exotics, and specialise in non-standard sizes.

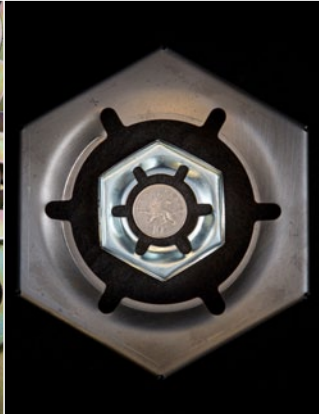
We have the ability to make tools to ensure rapid delivery times.

Some of the standard and more popular washers include:

AGS194	SP108
AGS195	SP109
AGS518	SP110
BS5646	SP111
BS5814	SP112
DIN432	SP41
DIN462	SP42
DIN463	SP43
DIN7967	SP44
DIN93	SP45
SP107	SP46

Please see our website or contact our sales team for more information on the range of tab washers we can provide.





Laser Profiling

Combining conventional laser cutting with fibre laser cutting.

As one of the first companies in the North East of England to purchase a fibre optic laser, we have the capacity to cut a wider range of materials which now include copper, brass, stainless steels, aluminium and carbon steels.

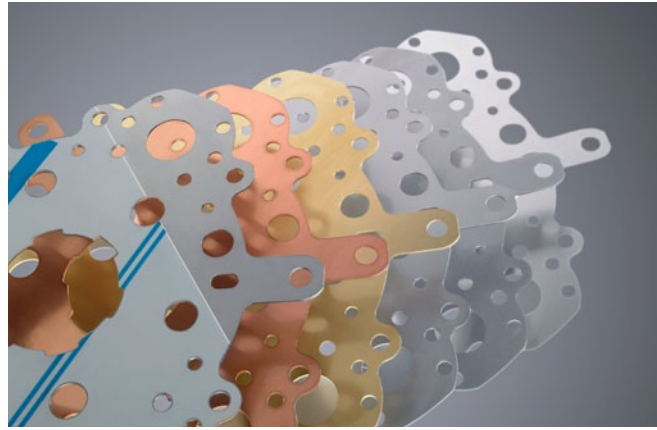
Extensive investment and training enables us to deliver high quality precision laser cut components throughout the UK and overseas.

We currently operate 24/7; combining this with a high level of stock materials we can offer short lead times to accommodate urgent/breakdown requirements.

Our cutting capabilities are:

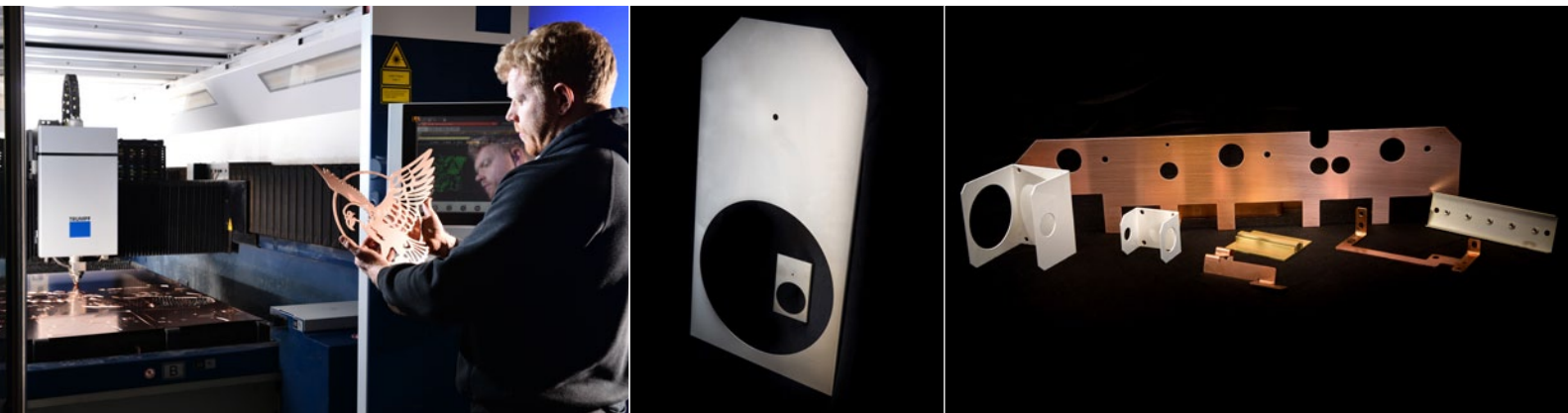
- 0.5mm – 25mm Mild Steel
- 0.5mm – 40mm Stainless Steel
- 0.5mm – 40mm Exotic Alloy
- 0.5mm – 30mm Aluminium
- 0.5mm – 12mm Brass
- 0.5mm – 10mm Copper
- Various Thicknesses Exotic Alloys

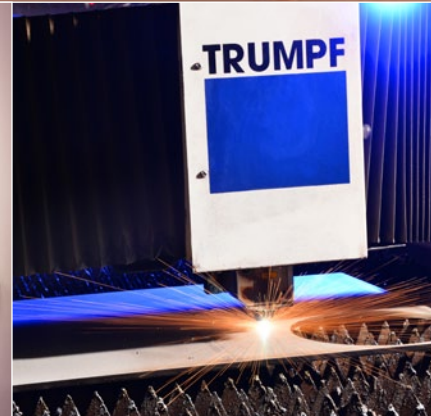
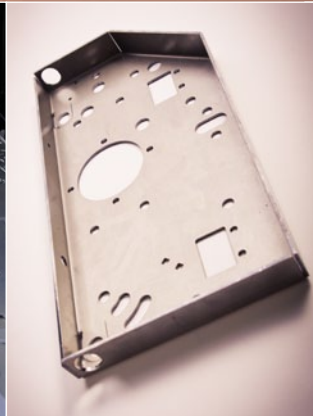
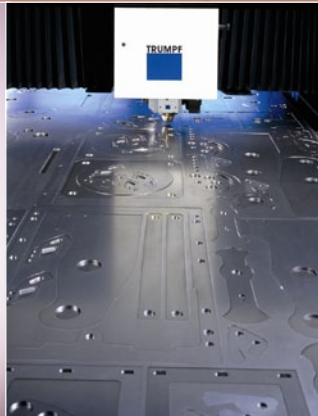
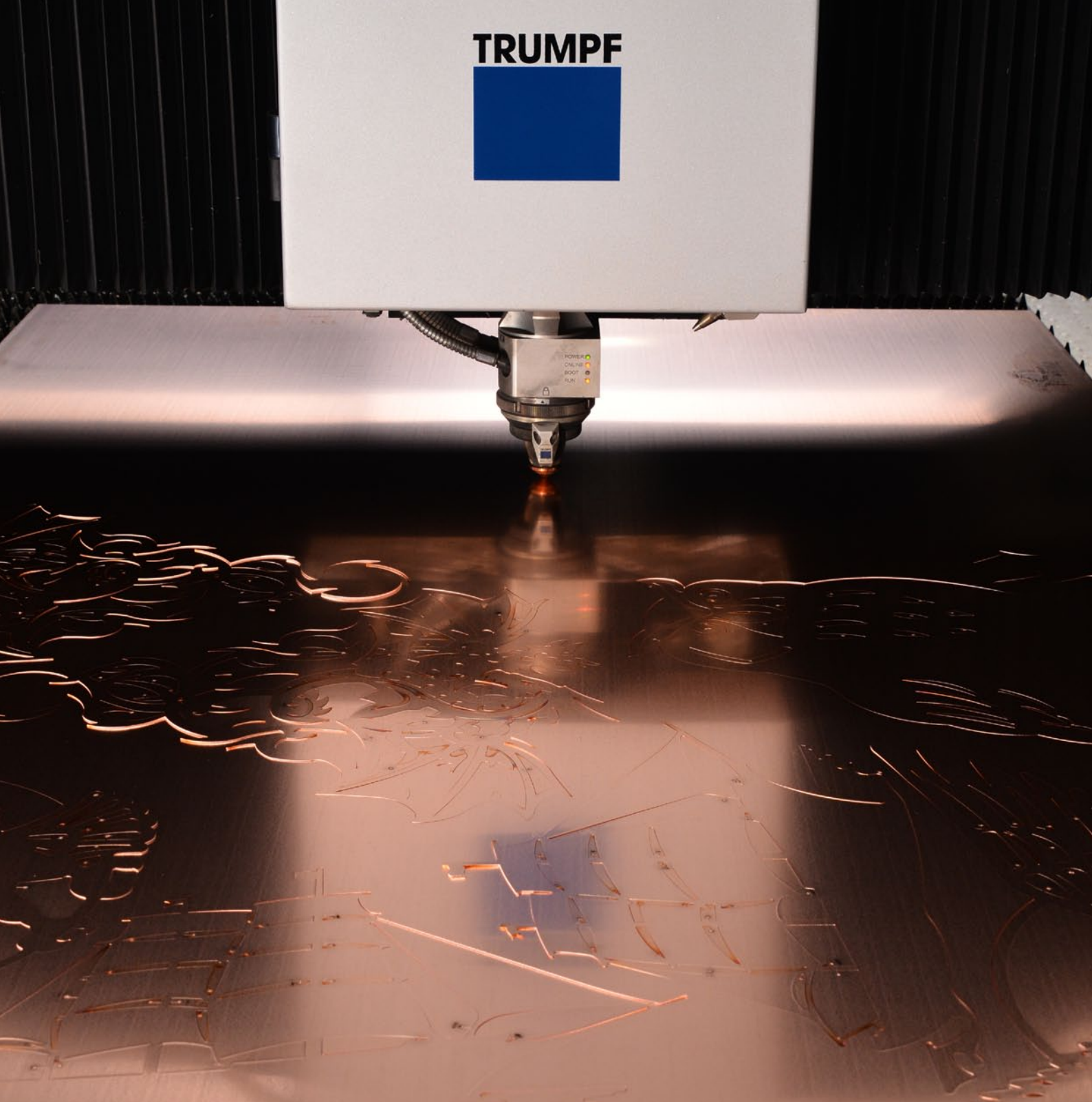
We believe material handling is essential and investment in the automation of loading demonstrates this, with considerable cost savings being passed onto our customers.



Prototyping and high volume work can be undertaken whilst maintaining high quality and value.

Through vision inspection technology, we can reverse engineer your components and samples.





CNC Machining

Continuous investment in the latest CNC technology and programming software allows us to operate at the highest levels of manufacturing efficiency, ensuring customer compliance with all the components we produce.

MILLING

Our comprehensive range of CNC machines allows us to manufacture complex multi axis components as one-off's or batches, from a wide range of fully traceable materials.

Operating 24/7, we can offer parts on short lead times, scheduled call-offs or on a contract basis to suit your requirements.

TURNING

Our turning department benefits from a wide range of specialist machines. Ranging from small, high volume bar feed machines and mid-size live tooling machines, to large, multi-axis & gearbox driven lathes which gives us the capability to cut specialist threads, Gun Drill, Deep Bore and more.

WIRE EROSION

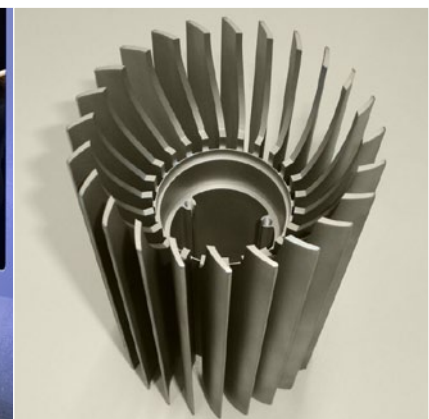
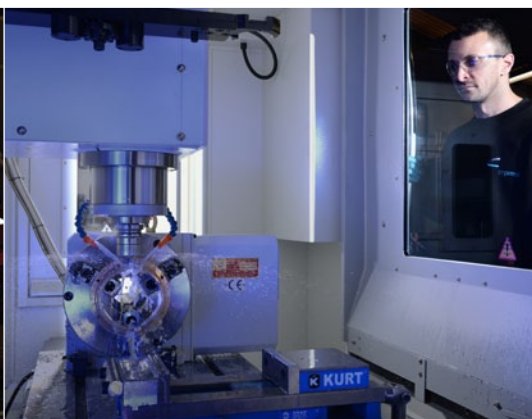
We have multiple high speed 4 axis EDM machines which run around the clock and can accurately cut even hardened steels up to 400mm thick. The use of advanced computer software allows us to program the most complex shapes with relative ease.

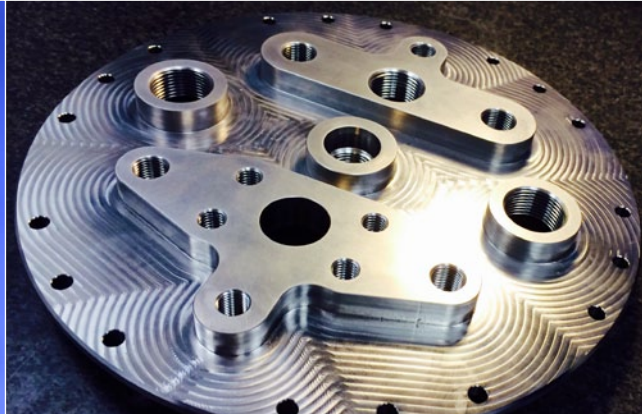
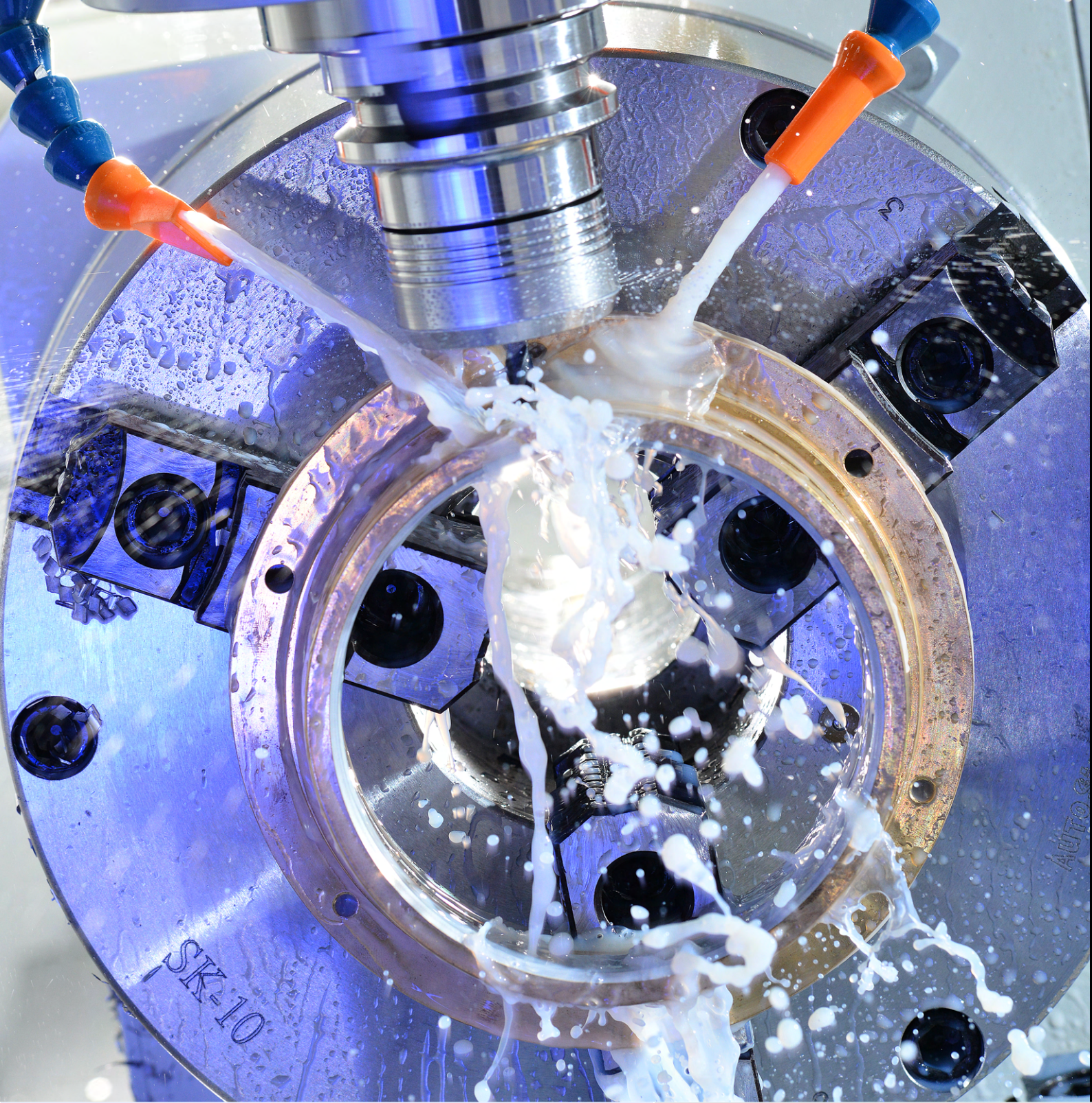
CAD / CAM

We have advanced CAM packages to aid in the production of all our components. We can accept drawings and models in the format which suits you best. If you don't have a drawing, our in-house design team can produce one, or reverse engineer a model from a sample part.

Drawing formats including:

- SOLIDWORKS
- ARASOLID
- XFA
- CAD
- DGN
- DXF
- DWG
- IGS
- VDA
- STP
- 3DM
- SAT
- STL





Sliding Head Machining

Working to high tolerances our machines produce components to a standard that conventional machining cannot achieve.

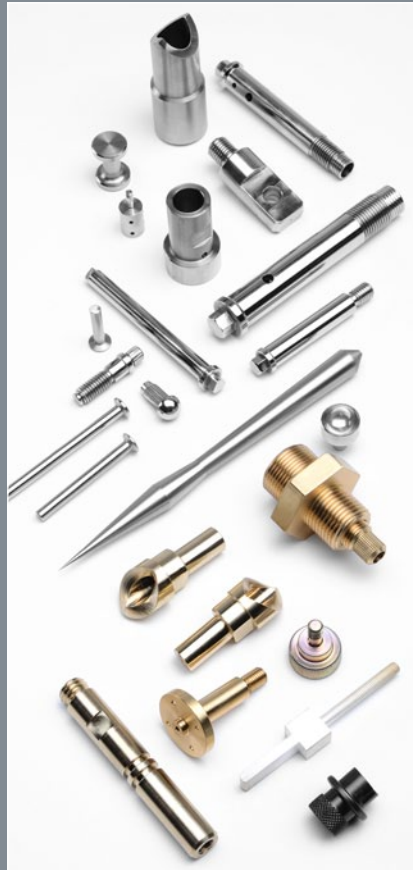
Supplying precision components used in the medical, surgical and electrical sectors. We ensure all components go through a vigorous inspection to ensure we fulfil customers' requirements. Capable of machining diameters from 0.5mm and drilling holes 0.4mm in diameter we work to tolerances of up to 3 microns in a range of standard and exotic materials.

Utilising the latest in CNC sliding head technology, operating 24/7 with high productivity rates we ensure customer satisfaction.

Continual investment in tooling and training ensures we satisfy our customers' requirements.

ELECTRICAL COMPONENTS

Transformer precision machined parts, switch gear components and PCB screws are all within our current capabilities. Working with high conductive materials including copper we can provide a variety of components to the electrical industry.



SPECIAL FASTENERS

We produce a range of bespoke fasteners which are used in various sectors including medical, retail and offshore.

We can carry out modifications to standard fasteners to suit our customers' individual specifications and requirements. From the drawing stage we also produce special fasteners for one-off use.

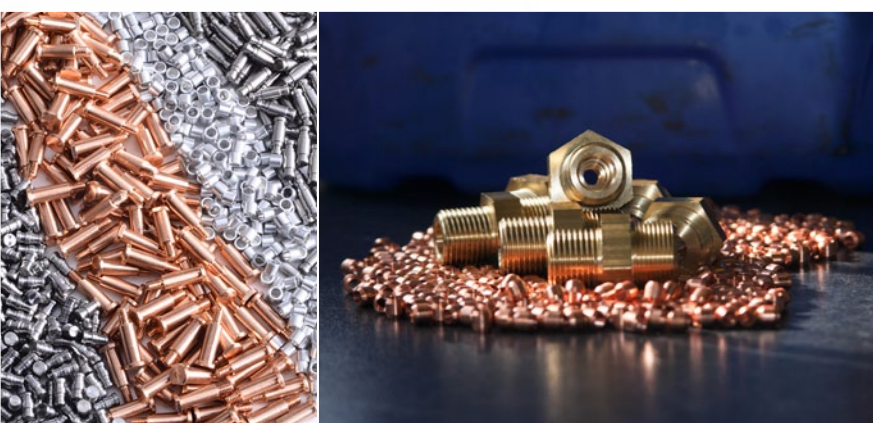
MEDICAL INDUSTRY

We supply titanium screws to the highest standard and each component follows our strict ISO policy throughout manufacture.

Reliability is key and with cost taken into consideration, we will find a solution for all your engineering requirements.

Micro machining enables us to produce the smallest of components without the need to source elsewhere; we have an extensive machine range capable of 24/7 production.





Specialist Coatings

We pride ourselves on offering a cost effective quality surface finish to your components.

We offer a wealth of experience and expertise in electrostatic powder coating, wet paint systems and shot blasting.

Operating from our state of the art powder coating facility in the North East of England our ovens have the capacity to cure components up to 6.1m x 2.4m x 2.4m.

Our shot blast cabinets can accommodate components 7.0m x 2.0m x 2.0m, we also have specialist cabinets dedicated to non-ferrous materials including; Aluminium, Stainless, Duplex and Inconel. In these units we use a Graninox CRNi Chrome Nickel based shot to ensure there is no contamination, as when using an Iron based shot this can cause surface corrosion post painting.

With multiple dedicated booths for powder, pre-treatment and wet painting we are able to apply a variety of paint finishes to various substrates including aluminium, mild steel, stainless steel, wood and plastics.

Our pre-treatment process may vary depending upon specific end-user requirements or the base material type and surface quality, our highly experienced team understand the importance of substrate pre-treatment. Utilising our standard operating procedures developed in-line with



industry and manufacture standards, you can be reassured your components will have a paramount surface finish with the best corrosion resistance available today.

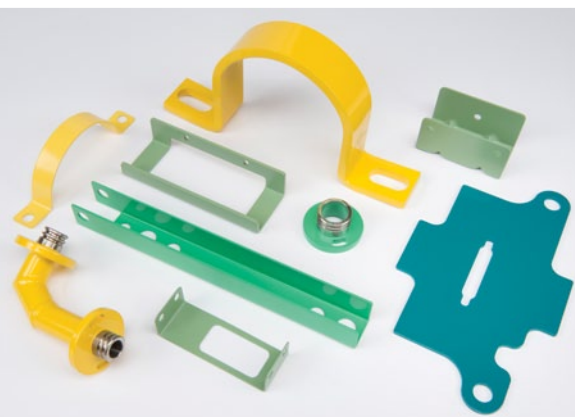
We are partnered with the world's finest brands including AkzoNobel, International Paints, Cromadex and Axalta with certified user accreditations for products such as Cromadex Extra Life, for C3 environments for up to 12 years, we also offer systems with a 25 year guarantee available upon request.

With endless types of coatings available we offer powders including epoxy, polyester and thermoplastic in standard and architectural grades.

Our wet systems include polyurethane, stove enamel and 3 coat systems also in standard and subsea grades. These are available in various finishes including matt, eggshell, satin, gloss, metallic and many more.

We provide a wide variety of colours to choose from including RAL and British Standard Colour charts, we can also offer bespoke colour service for all powders and paints.

All of our coatings are performed to our group BSI system with in house quality checks on adhesion and thickness using the latest DFT (Dry Film Thickness) measurement equipment, we also offer full paint inspection reports if required.





Welding & Fabrication

As a leading specialist welding company in the UK, we provide a solution for your welding requirements. Our technical expertise is demonstrated by our services utilising the latest in technology and best practices.

We specialise in the following welding and fabrication areas:

- Specialist & coded welding
- Site welding service and fabrication
- High integrity fabrications
- Specialist weld reclamation
- Stellite & Monel overlay welding
- Machined fabrications
- Shot / bead blasting
- Weld cleaning and passivation
- Fabrications can be supplied with full subsea coating systems.

Large fabrication work is handled with the assistance of a 5 Ton overhead crane and a 5 Ton manipulator.

Our multi coded welders and skilled fabricators are inspected and qualified through approved governing bodies including Zurich and Lloyds.

We have become leaders in the provision of welded products and services to the Chemical, Oil & Gas, Renewable and Sub-sea markets. We work with a large range of materials including the exotic and cast material grades.



Examples of products include:

- Sub-sea trees
- ROV tooling: Fish tails & D-Type handles
- Skid frames
- ROV teather frames
- Valve compensators
- Track belt installation tools
- Protection cages
- Trencher components
- Hot stab components
- Sub-sea vessels

RECLAMATION WELDING

We offer a repair service to eliminate the cost of replacement parts and downtime as we understand the costs involved in sourcing replacement parts can be very prohibitive and time consuming.

NON-DESTRUCTIVE TESTING (NDT)

Providing a range of NDT services we can carry out on-site or in-house, including:

- Inspections of pipe work
- Pressure vessels
- Structural steel work
- Castings
- Forgings
- Fabrications
- Precision machined components
- Sub-sea assemblies.

Our multi-disciplined NDT technicians are committed to quality and are trained to PCN Level 2 standards offering the following processes:

- MPI (Magnetic Particle Inspection)
- DPI (Dye Penetrant Inspection)





Sheet Metal & Assembly

We have the ability to form metal from many material thicknesses to produce bespoke intricate parts.

Operating the latest in brake press technology as a second operation phase of manufacturing, we produce a range of brackets, plates & large assemblies.

Our drawing office uses the latest Solidworks software to design sheet metal components from technical drawings and CAD files.

FORMING

If you require a bracket manufactured, then look no further!

Here at the Impress group we produce an extensive range of bespoke brackets to suit your individual requirements.

Our Press shop can accommodate low to medium volume products and we manufacture brackets which are used in the retail sector to the offshore sector.

Our in house tooling capacity, experience and machines make us the UK's leading supplier of bespoke brackets. We work with materials from carbon steel to exotic grade materials including Duplex and Inconel.



ASSEMBLIES

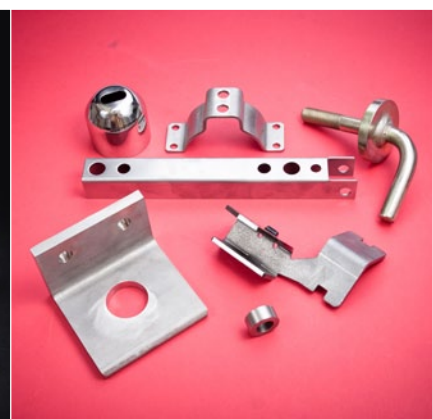
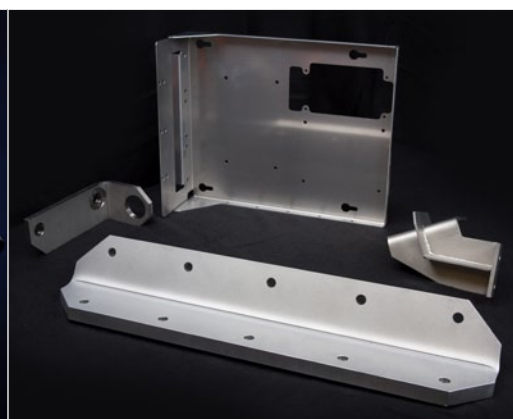
From covers and cages to panel work, all components are manufactured with our range of Trumpf tooling and any secondary operations are carried out using our Pem and fastener inserters. We supply bespoke solutions to suit individual requirements including onsite fitting.

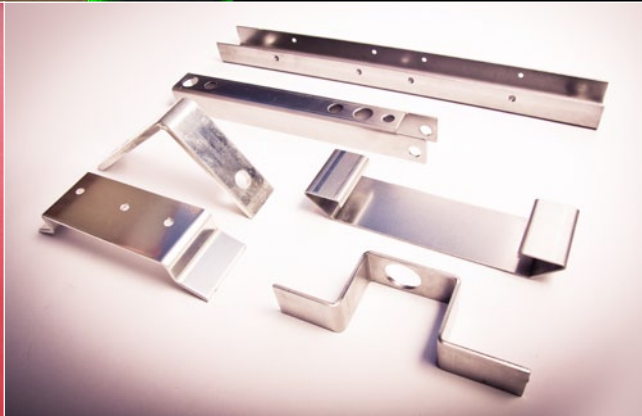
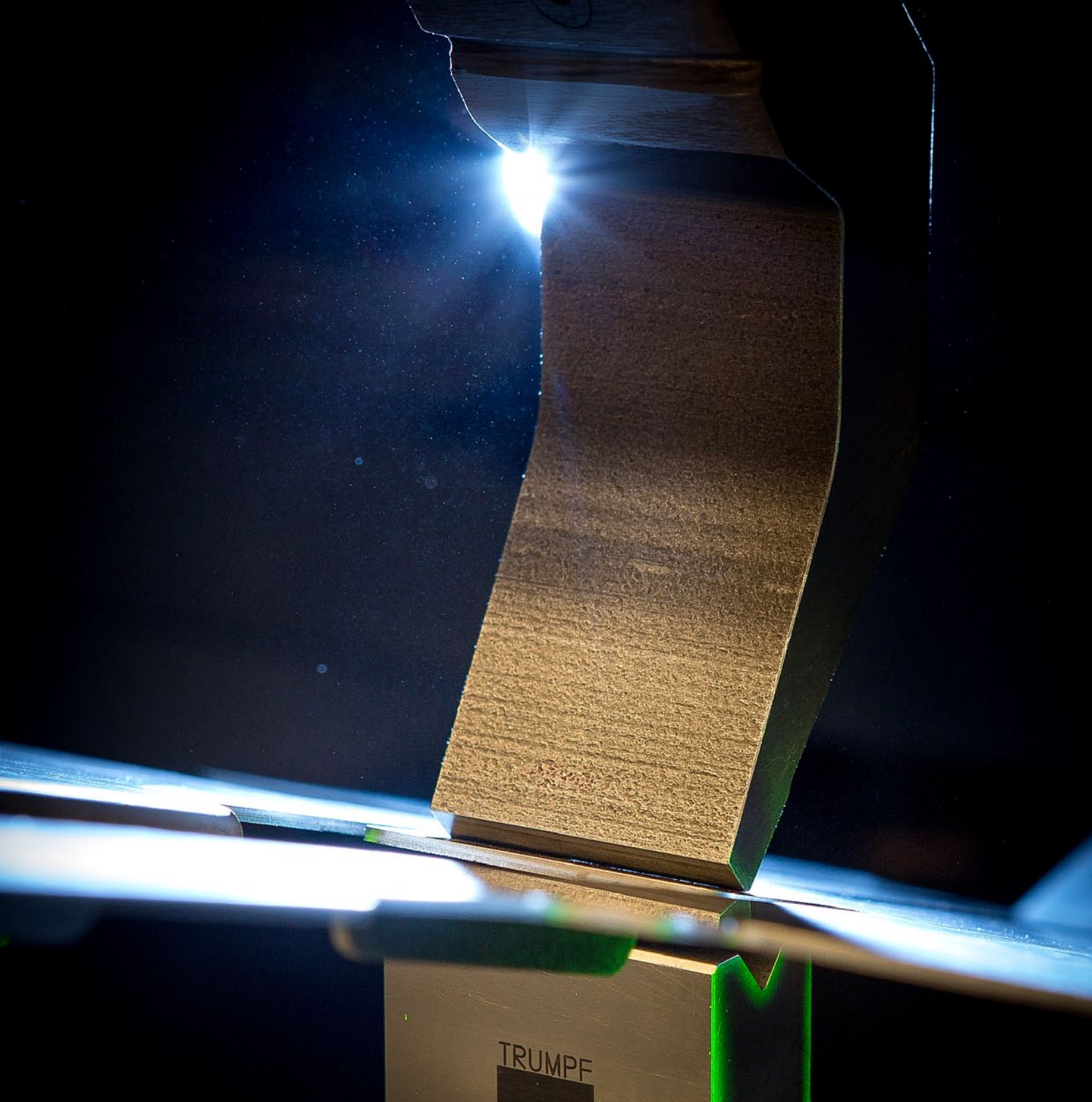
We have the capacity to roll sheet plate and tube components in a range of combinations using Power Rolls, which complements our "one stop shop" facilities.

Batch assembly work or one off components are also accommodated.

Finished components can be supplied if required, from zinc plating to specialist subsea coatings.

Do not hesitate to contact us for more information on how we can help you with your forming requirements.





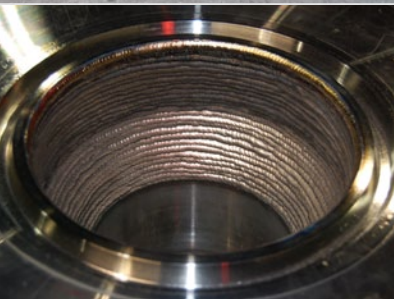
Pressings



Specialist Coatings



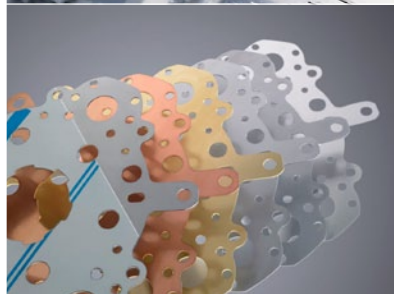
Specialist Welding



Fabrication



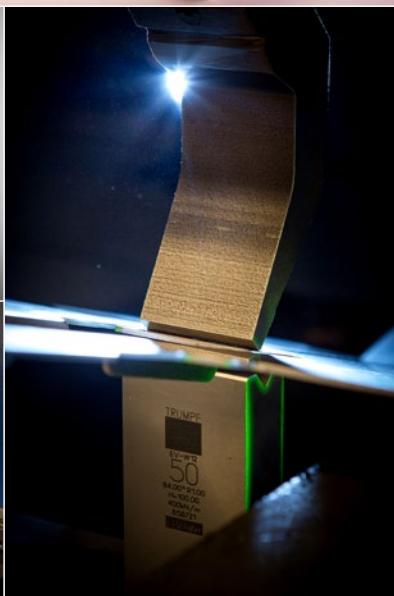
Laser Profiling



CNC Machining



Sheet Metal Assembly



Sliding Head Machining





impress

GROUP

- Pressings • Fibre Optic Laser Cutting • Sliding Head Machining • Coded Welding • CNC Turning
- Multi Axis CNC Milling • Fabrication & Assembly • EDM Machining • CNC Milling • Non Destructive Testing
- CNC Sheet Metal Work • Specialist Coatings • CMM Inspection • BSI Approval • 3D Measuring software • Solidworks 3D Design

Total engineering with endless possibilities...

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