

**YORKSHIRE  
PROFILES** LTD



[www.yorkshireprofiles.co.uk](http://www.yorkshireprofiles.co.uk)

WHO ARE

# YORKSHIRE PROFILES?

Established in 2001, Yorkshire Profiles started out as a water jet cutting company, but quickly expanded and adopted the incredible and versatile opportunities offered by laser cutting. Now, with over 15 years experience, we specialise in the design and manufacturing of a wide range of metal fabrications, using our laser cutting service to ensure a professional and accurate finish.

Choosing Yorkshire Profiles will ensure you get accurate parts, affordable prices and the quickest turnaround times possible.

**We are proud of our location, our technology and, most importantly, we are proud of our work.**



# WHY CHOOSE YORKSHIRE PROFILES?



“ Before we found Yorkshire Profiles we had struggled to obtain both the price and level of service we were after as a company. We have found them a very professional company and nothing has been too much trouble. In today's working environment it is rare to find such a company who care that much, and believe me we have asked for some very quick turn rounds but it has been achieved on many an occasion. ”

Charles, Stockist and Distributor of Standard and Custom Fastenings

## QUALITY ASSURED: ISO9001 CERTIFIED

Our ISO9001 accreditation means our quality controls are externally and independently audited to ensure we:

- > Continually improve as a business
- > Take problems, complaints and potential improvements seriously
- > Document resolutions and actions
- > Demonstrate that our staff are skilled
- > Regularly maintain our equipment

All this so you can rest assured that total quality assurance is at the very forefront of our goals.

## MATERIAL TRACEABILITY TO BS EN 10204 3.1

We retain certificates for all of our material and offcuts to ensure you always know where it comes from and that it meets your specifications. If required and requested we can provide original red-stamped test certificates.

We make sure to use every piece of material and minimise wastage. Any offcuts which become damaged or are below standard are sold via our online store to hobbyists and small scale engineering workshops ensuring that only material skeletons are sent for recycling as a last resort.

## WE ARE EQUIPPED

Because of our continual investment in the latest 'top-spec' technology, we are able to efficiently process orders from one offs to large volume work.

Our lasers provide the best quality on the market at the fastest processing speeds. With the addition of material handling automation, there is little human contact from material supply to delivery of completed components reducing the chance of accidental damage or inaccuracies.

## EXCELLENT CUSTOMER SERVICE

Yorkshire Profiles retain the personal customer service experience you would expect from a small family business and offers the same degree of care on a business to business basis.

Whether you're a small local company or the director of an international enterprise, you can expect a professional attitude and a quick response on every occasion.

Our internal systems will keep you up to date with your order including:

- > Confirmation of details
- > Expected delivery / collection dates
- > Shipment confirmation
- > Purchase order reference (if required)
- > Proof of delivery (if required)

## EMBRACING INDUSTRY 4.0

By embracing the possibilities of Industry 4.0 we can improve efficiency exponentially.

Our laser is connected directly to the manufacturer's headquarters in Japan meaning they will be aware of any developing faults before we are. They can arrange for replacement parts and an engineer to be sent before any potential breakdown occurs. User operation is monitored so management can be informed quickly of any common issues or misuse.

An increasing number of sensors are located in our premises so that even if a piece of equipment fails to send an alert, a sensor will highlight that an issue has occurred and management will be informed.

## SHORT LEAD TIMES

We understand that as a client orders and requirements tend to be finalised in the last moment and there is often little time left for actual production.

We are flexible with our scheduling, allowing us to juggle the workload throughout the day, enabling us to accommodate our clients and ensure they get their parts when they need them.

As a manufacturer we understand that it is all about efficiency and that is why:

- > We have strong written policies and procedures for every task undertaken
- > All employees are frequently trained on these procedures.

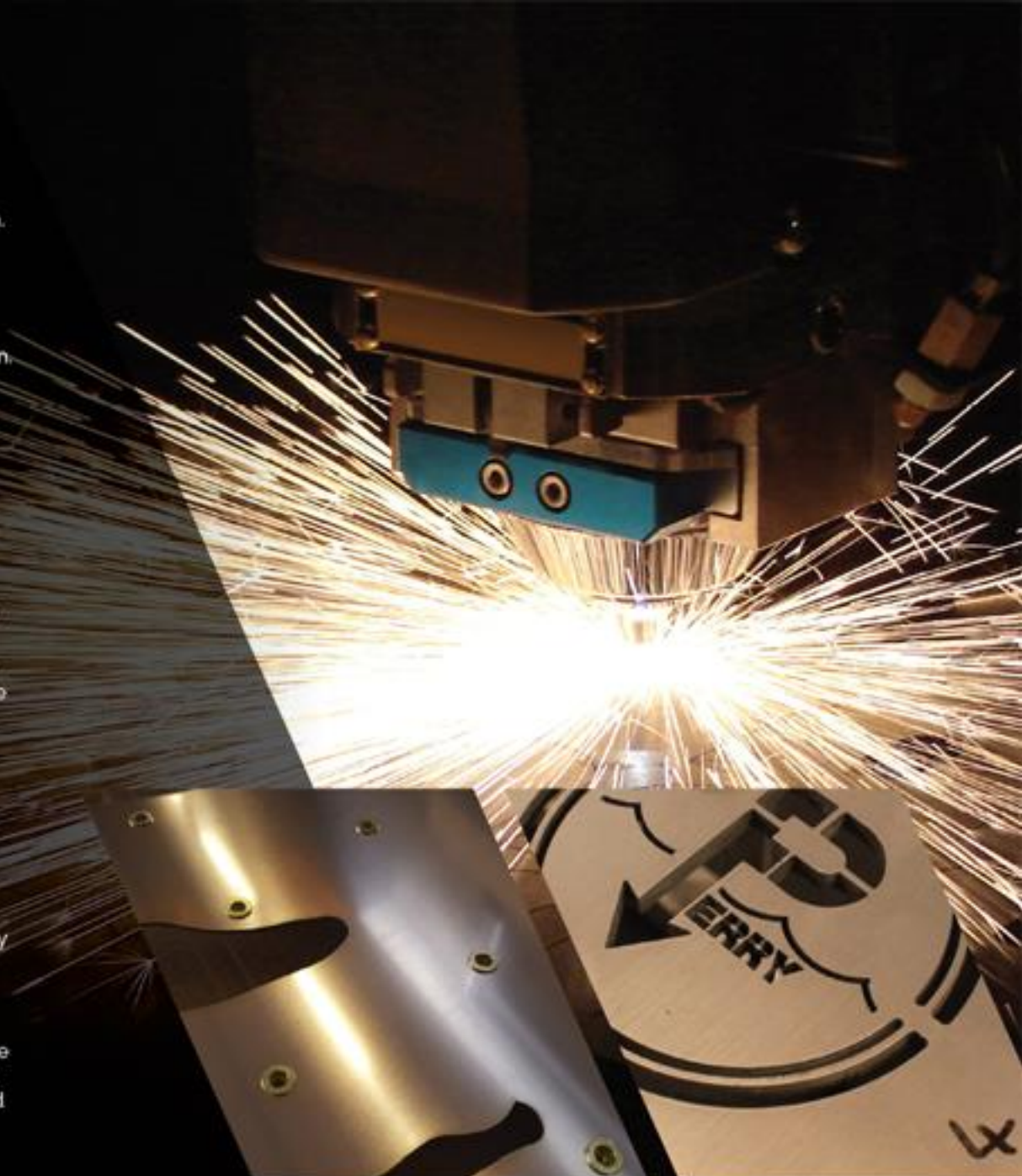
This means that no task is overlooked and is completed as quickly as possible, without error.

In cases where it is impossible to deliver within your timescales, we will make sure you are informed as soon as possible.

## COMPETITIVE PRICING POLICIES

We follow the same basics as other profiling companies; material and labour costs. However, because of our long standing relationships with our range of approved suppliers, we are usually able to obtain lower material prices than many of our competitors whilst not compromising on the quality of the material.

We constantly monitor our prices and the prices of our competitors. We are willing to negotiate on price where possible and have the flexibility to make economical adjustments to fit within your budget.



“ We have been dealing with Yorkshire Profiles for just over ten years now and find them to be flexible, customer focused and competitively priced. They have a work ethic which would put most companies to shame and we have enjoyed an excellent and personable service from them throughout this time. I would have no hesitation in recommending them to you. ”

Philip, Manufacturer of Anti-slip surfaces



#### HEALTH AND SAFETY PREPARED

Why choose a supplier based on their health and safety credentials?

Knowing that we take this issue seriously, and are externally audited to ensure we provide a safe working environment, is important because it:

- > Minimises down-time from accidents reducing the possibility of late orders
- > Reduces costs by preventing expensive incidents and investigations
- > Keeps team morale high which results in a high quality of goods, services and high production levels

#### SECURE DESIGNS AND DRAWINGS

We consider it standard practice to not share your drawings and designs. Whilst this may be an expectation of any supplier, it isn't always the case.

We will never copy, alter or manufacture your designs for other clients. In cases where a sub-contractor may become involved (such as powder coating or galvanising), the information shared will be on a need to know basis such as the overall dimensions and weight.

We take information security seriously. Our IT network is strictly controlled and monitored to ensure no drawings are sent to personal email accounts or removed from the building on removable media.

#### BACKUPS OF BACKUPS

##### Multiple Laser Machines

If one machine breaks-down, we:

- > Have a service contract that guarantees a 24-hour call-out on engineers
- > Can quickly move from one machine to the other due to our networking

Our lasers are based in separate premises, so in the event of a major incident in one building, production can be maintained.

##### Multiple Assist Gas Sources

Lasers use an assist gas to produce components. Our primary source is generated on site, however, should the compressors fail we have:

- > A bulk liquid reserve, and
- > Specialist manifold blocks installed to hold emergency bottle banks

##### Multiple Electricity Generators

In the event of total power failure we have two electricity generators.

All our office and communication equipment is protected by backup batteries as well, so any data backups are protected from corruption caused by sudden power loss.

All of the above measures have been put in place to ensure that production keeps running as smoothly as possible.

# OUR SERVICES



## FIBRE LASER CUTTING

| Maximum Size:<br>3000mm x 1500mm | Mild<br>Steels | Stainless<br>Steels | Aluminiums | Zintec /<br>Galvanised | Brass and<br>Copper | Titanium |
|----------------------------------|----------------|---------------------|------------|------------------------|---------------------|----------|
| Min Thickness                    | 0.5mm          | 0.5mm               | 0.9mm      | 0.9mm                  | 0.5mm               | 0.5mm    |
| Max Thickness                    | 25mm           | 15mm                | 12mm       | 3mm                    | 8mm                 | 8mm      |

Our ENSIS is fitted with a fully automated material handling facility. With the speed advantages of fibre laser cutting and an automation facility, this is an ideal setup for large volume work which is required on a short lead time.

This machine also allows us to process copper, brass and titanium which most sub-contract laser companies simply

### METAL FOLDING

We can fold materials of various thickness provided they are no more than three metres in length, thanks to our press brakes. We have a wide range of tooling, including safety edge tooling, to ensure we can fold an array of components from simple to complex. Our press brakes have fully automatic backstops so that even large volumes of complex parts can be folded quickly and with a high level of repeatable accuracy.

We can also save the details of your parts to our CNC database, so that if you require any more of the same parts, we can provide it straight off the bat.

### METAL FABRICATION

With a dedicated fabrication workshop, we are able to carry out a range of fabrication tasks from simple countersinking and tapping to MIG and TIG welding of steel, stainless steel and aluminium. We can even carry out full assembly work by adding clinch nuts, studs, nuts and bolts or anything else you may require to make your product complete.

cannot process without the use of slower waterjet machines and the quality issues they can bring.

The latest technology uses a fraction of electricity compared to conventional lasers and with lower overheads, fewer consumables and high efficiency offered by automation, our prices and lead times as a result are often unbeatable.

### FINISHING

We can be a one-stop shop for all your requirements if you wish to receive your products fully finished and ready to ship. From polishing to powder-coating, galvanising and plating, we can get it done.

If it isn't a finish we can achieve in-house, we have a range of sub-contractors that we deal with so you don't have to. All of our subcontractors are frequently evaluated as part of our ISO9001 Quality Assurance for their speed, quality and prices so that they must offer the same level of service as we would.

### DEBURRING & EDGE ROUNDING

After components have been cut on our laser, although they are usually 'burr free', they can still have a sharp feel. Our deburring equipment uses 8 large brushes rotating in different directions to ensure a consistent finish on all internal and external edges which is smooth to the touch. This is ideal for components which are entering the public domain or even for steel components which will be powder coated. Parts can be passed through multiple times to achieve a greater radius on the edges.