

# THE UK'S LARGEST SINGLE SITE PROFILING FACILITY IN THE UK



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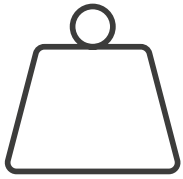
## Precision, Scale & Efficiency in Steel Profiling

At Barrett Steel Profiling, we bring industry-leading expertise to steel processing, operating the largest single-site profiling facility in the UK. With a vast 37,000m<sup>2</sup> site and a commitment to 24 hour operations, we dispatch over 10,000 tonnes of processed steel annually. Our focus on precision, efficiency, and fast turnaround times ensures we meet the needs of customers across a wide range of industries, offering nationwide next-day delivery.

As the dedicated profiling hub for the Barrett Steel Group, our Rotherham facility is equipped with 10 state-of-the-art cutting and drilling machines. This cutting-edge machinery enhances our ability to provide high-precision profiling solutions, supporting complex and large-scale projects with accuracy and reliability.







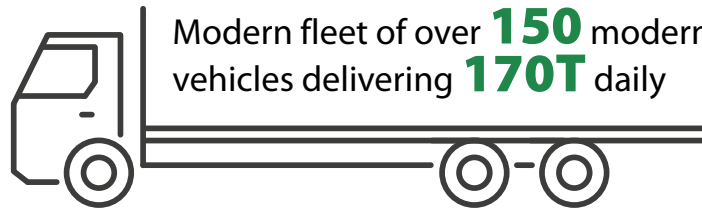
**2,000** tonnes of plate on site, with the ability to dispatch **70** tonnes of profiles daily, operating **24** hours a day to **support your business**

**10,000** tonnes dispatched annually



Operating Site Size  
**37,000**m<sup>2</sup>

**7,500** processing minutes per month

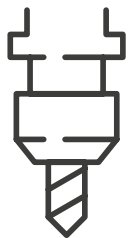


Modern fleet of over **150** modern vehicles delivering **170T** daily



Dedicated **CAD engineering team** on site, from concept to completion, we've got you covered

Protective product packaging with detailed paperwork offers you **full traceability** from pallet to fabrication, ensuring a smooth transition from goods in to shop floor



We have a whole scope of machinery on site including: to 10 operating machines on site including:

- Laser machines**
- Plasma machines**
- Gas machines**
- Drill machines**



**CE Marking** up to Execution Class 4 for quality and traceability



# POWER TO PROCESS



## Lasers

Cutting capacity 1mm – 25mm  
Max bed size 4000 x 2500mm



## Plasmas

Cutting Capacity 3mm – 50mm  
Max bed size 14500 x 3000mm



## Gas Machine

Cutting Capacity 10mm – 180mm  
Max bed size 12000 x 3000mm



## Drill Machine

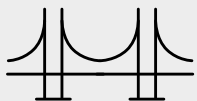
Cutting Capacity 10mm – 125mm  
Max bed size 6000 x 3000mm  
Max depth 130mm / Max diameter 40mm



## Sectors we support include:



Construction



Infrastructure



Transport



Nuclear



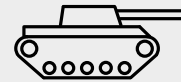
Agriculture



Rail



Automotive



Specialist  
Vehicles



Energy  
and Power



Oil and Gas

# TO STRENGTHEN OUR EXTENSIVE PLATE PROCESSING CAPABILITIES, WE HAVE COMMISSIONED OUR NEW CNC RAPID ANGLE LINE FOR A WIDE RANGE OF ANGLES & FLATS

The close tolerance requirements and engineering specifications required for many applications can easily be addressed by RAPID high-speed angle drilling lines.

We can now process angles and flats with exceptional productivity, achieved with sub-axis spindle positioning that is capable of processing offset holes in both angle legs simultaneously. This unique design makes the RAPID an economical and productive solution even on the largest of angles up to 250x250x40mm.

Rapid angle lines were originally developed to address fracture critical applications such as transmission towers and bridges where the code prohibits punching and shearing. Understanding these criteria, the Rapid utilizes high speed carbide drilling and carbide sawing rather than punching and shearing.

The drill spindles of the Rapid feature independent sub axis positioning so it is not necessary to always position the angle for holes with different length dimensions and holes can be drilled in both legs simultaneously even if they do not share the same length coordinate.



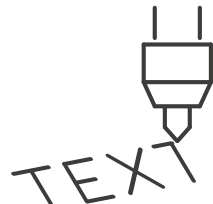
## Our new Rapid lines combine processes such as:



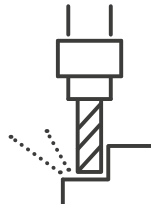
**DRILLING**



**DISC SAWING**



**SCRIBING**



**MILLING**

## Applications of cut steel angles:

Angled or Flat sections can be used in a wide range of fabrication applications such as: residential construction, infrastructure, mining, transport, bridges, warehousing, shelves/racking, and power/communication towers.







## CAPABILITIES

- Min. angle size (410 N/mm<sup>2</sup>) [mm] 60x60x6
- Max. angle size (410 N/mm<sup>2</sup>) [mm] 250x250x40
- Drilling diameter 32mm max
- Spindle power [kW] 27
- Spindle max RPM 3500
- Spindle sub-axis stroke [mm] 200
- Cutting unit Carbide Disc Saw
- Flat product min 80x10 max 250x25
- Max. input length as 12.200 mtrs and max output length is 6.000 mtrs



Our **Barrett Green Solutions Carbon Reporting** program remains at the forefront of supporting customers in achieving their embodied carbon targets. With sustainability continuing to be a key focus in manufacturing and construction, Barrett Steel is well-equipped to meet low embodied carbon requirements.

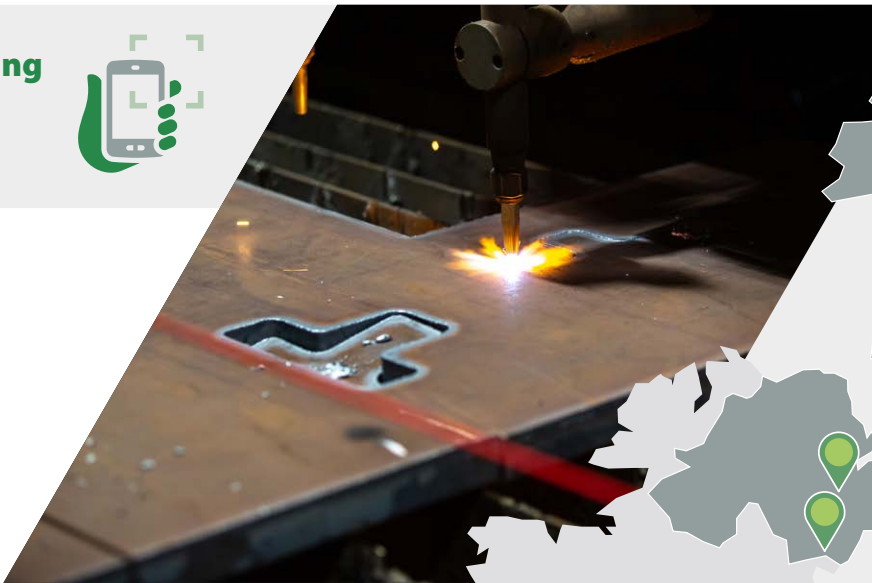
In 2024, we supplied over 10,000 tonnes of premium recycled and renewably produced material—each with an embodied carbon footprint of less than 400kg CO<sub>2</sub> per tonne—to projects across the UK and Ireland. This momentum continues into 2025, with the successful completion of a single project incorporating 8,000 tonnes of recycled and renewable material.

If you have any questions about embodied carbon or require a report for your project or fittings, please mention this to your commercial contact at the point of order.



# OUR PROFILING CENTRE IN ACTION

Watch our latest profiling video below to see our capabilities in action.

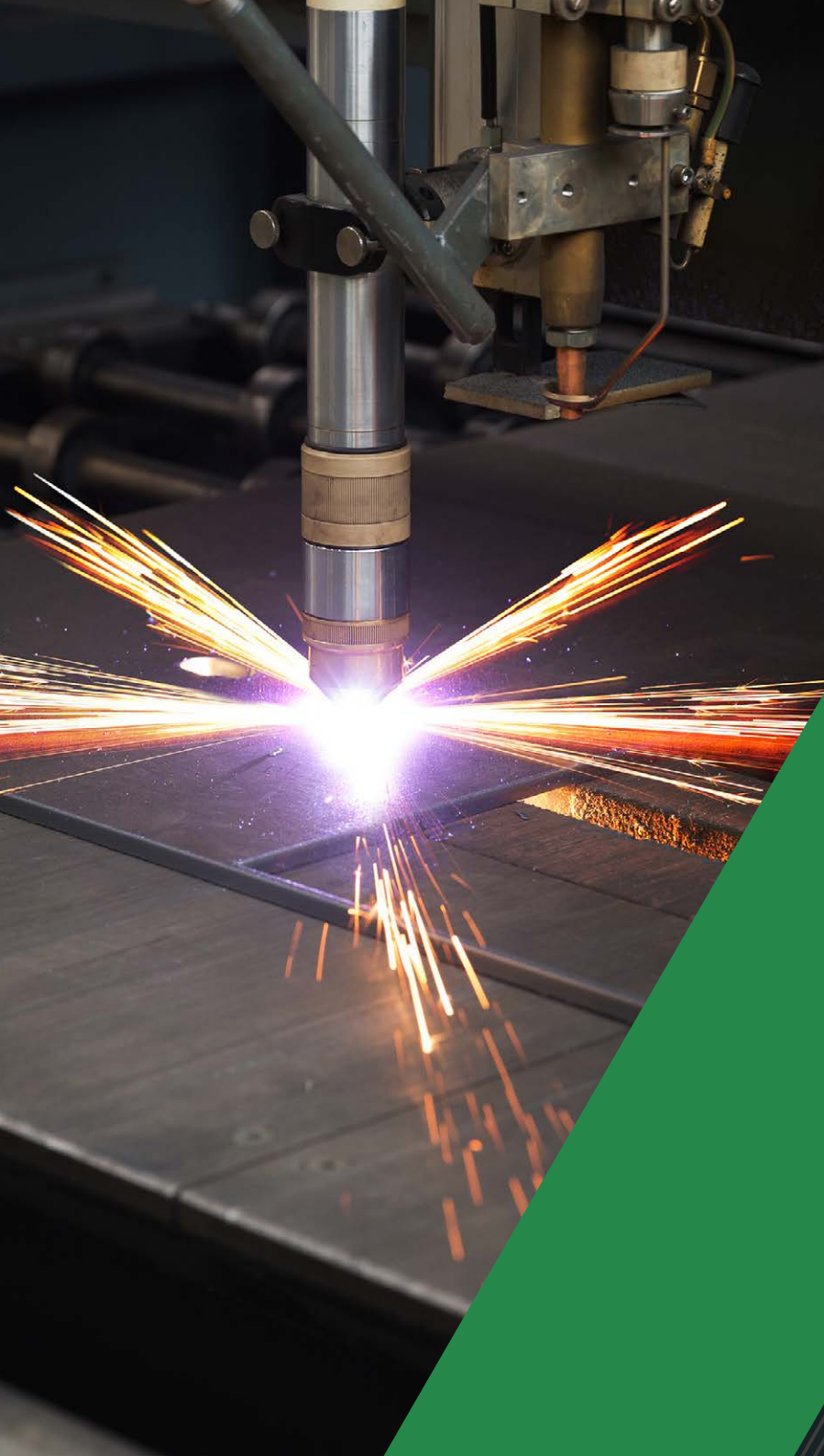


We are proud to be members of:



**Next Day Delivery  
Nationwide utilising  
our Barrett Steel Depot  
Network and Hub Sites**





**BARRETT**  
PROFILING DIVISION



Part of the Barrett Steel Group

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