



THE FUTURE OF CONSTRUCTION

LASER CUTTING SERVICES

BARRETT STEEL
TUBES



BARRETTSTEEL.COM | KEVIN.VALERIO@BARRETTSTEEL.COM



Revolutionise Your Construction Component Manufacturing with our Laser Cutting Machines

At our Dudley Processing Excellence, we have access to over 120,000 tonnes of stock within group, combined with the power of the UK's biggest steel stockholder. We currently have access to 10 lasers including a **Jumbo LT24 Machine**. Our machines offer a host of benefits that can take your construction component manufacturing process to the next level. Here are just a few of the advantages:



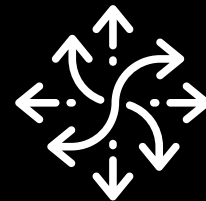
Precision

All of our machines use computer-controlled precision to cut through materials with unparalleled accuracy.



Efficiency

Lasers cut through material quickly, producing more components in less time, reducing your overall costs. Our team have extensive experience offering you the best service first time.



Versatility

Our lasers cut through a variety of metals, such as mild steel, stainless, and aluminium, producing a wide range of components & increasing manufacturing capabilities.



Unrivalled Heritage

Since 1999 we have led the way in laser processing innovation in the UK. We now possess the largest selection of tube and section lasers offering unmatched processing facilities and distribution.

UKs Largest Range of Tube Lasers, up to 610mm Diameters



The **BLM LT24 LASER** is a large-capacity tube and pipe laser cutting system that can handle sections up to 610mm in diameter and 18m in length. It is suitable for cutting steel, aluminium, stainless and brass.

Key Features:

- Automatic handling system loads and unloads tubes or sections up to 18m in length.
- 4.5 kW CO2 laser source.
- 3D cutting for creating chamfered or semi-chamfered edges ready to weld.
- Cutting head designed for thermally efficient processing.
- Excellent repeatability of large and complex structural components.
- Capable of processing open profiles and special shaped sections.



The **BLM LT8 LASER** has a 3D cutting system which is fully automated for production and 3D tube processing. It comes with a thermally efficient cutting head with built in sensors which monitor the cutting quality.

Key Features:

- Fully automated tube bundle loader.
- Tilting 3D Laser head +/- 45°
- No tooling changeover.
- Motorised loading and unloading.
- Diameters from 12mm to 240mm.
- Square/rectangular Tubes up to 200mm.

Both of our Tube Lasers use ArTube Software and a dedicated CAD-CAM software suite used to design, program & manage laser cutting. Compatible 3D import file types – step, iges and x_t Parasolid.





Part of the Barrett Steel group

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