

# TUBE LASER



3D CUTTING TECHNOLOGY

COMPLEX CONTOURS

ROUND, SQUARE OR RECTANGULAR TUBE



*Got it in one!*

**ParkerSteel**  
[www.parkersteel.co.uk](http://www.parkersteel.co.uk)



# TUBE LASER

“cutting edges with minimal roughness and with virtually no burr”

The TruLaser Tube 5000 is the machine for fully automated processing of tubes and profiles with maximum flexibility. Whether you're adding complex contours and notches on the tubes; working with light, thin-walled tubes or with large, heavy ones; or with tubes that have square, round, or oval cross-cuts... the machines strengths are obvious.

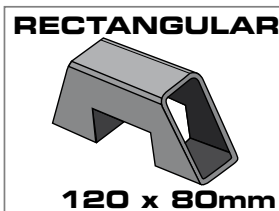
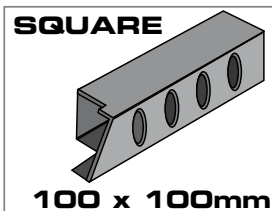
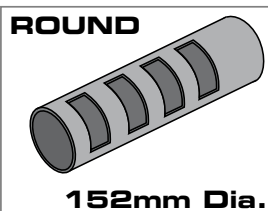
## TECHNICAL SPECIFICATIONS

Max. Power	2700W
Max. Tube Diameter	152mm
Min. Tube Diameter	12.7mm
Max. Length of Finished Parts	6.5m
General Cutting Tolerance	±0.3mm

### Max Cutting Wall Thickness

Aluminium	4.0mm
Stainless Steel	5.0mm
Mild Steel	6.4mm

## MAXIMUM DIMENSIONS



## APPLICATIONS

- Cut to Length
- Etching
- Cut Contours & Holes
- Mitre Cuts
- Slots
- Tabs
- Seam Detection

Tube laser cutting can aid production and fabrication of tubing in a range of applications and used in practically any industry. From automotive to construction - if you use hollow section you can benefit from our Tube Laser!



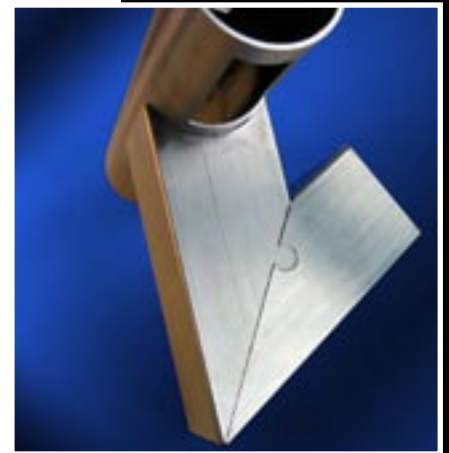
# TUBE LASER

“produce better quality parts  
up to 90% FASTER”

Lasers optimise the production process in tube machining. In one single work step, holes and complex contours are produced and the tube is cut in to sections. This greatly slashes manufacturing costs as compared to conventional methods (sawing, scribing, drilling, milling and punching).



**Bayonet Connection**



**Clip Connection**

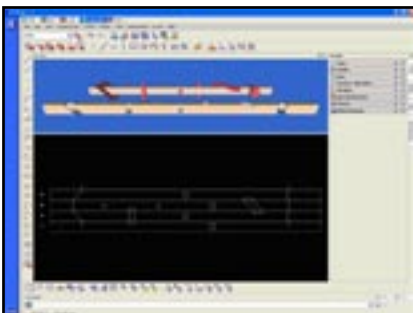
“reduce your fabrication costs”

New tube constructions that decrease or simplify downstream production steps are constantly being developed. The labour and costs required for the manufacture of welding fixtures and for welding itself are reduced through the use of clip and snap-in connections. Positioning aids with pegs and holes make component assembly easier. Coding aids help eliminate assembly errors.



**Corner Connection  
Suitable for Welding**

“efficient design and  
programming”



- Highly skilled drawing team for fast turn-around.
- The following file formats are accepted: DXF, DWG, Solid Edge and others.
- Save your drawings as a part number for quick re-ordering.



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

# TUBE LASER

## BENEFITS

- **REDUCED COSTS**

Processing tube in a single pass means a 7.7 metre tube can be cut to length, have holes cut in it, mitre cuts, slots, tabs and part numbers etched - without the need for multiple machines.

- **FASTER PROCESSING**

Processing time can be up to 90% faster on tube laser compared to conventional methods (sawing, scribing, drilling, milling and punching)

- **COST EFFICIENT**

Medium and large quantity runs can be completed far more efficiently.

- **EXPERIENCE**

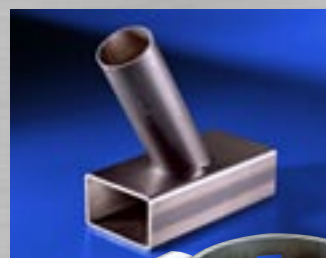
At ParkerSteel we have many years experience of laser processing to ensure your parts are finished to the highest standard.

- **STOCK**

We stock a large range of tube ready for processing, which significantly cuts lead times and keeps costs down.

- **SERVICE**

We offer a huge range of steel stock and processing so no matter what your requirements are you can be confident we can fulfil them.



**Call 01227 783444 to discuss your requirements**

# ParkerProcessing



Folding



Drilling



Waterjet



Laser



Sawing

visit [www.parkersteel.co.uk](http://www.parkersteel.co.uk) for full details & video clips of our processing capabilities