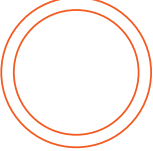
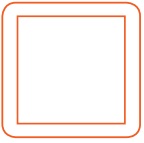


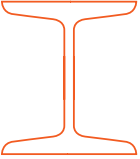






## THE LASER CUTTING CO

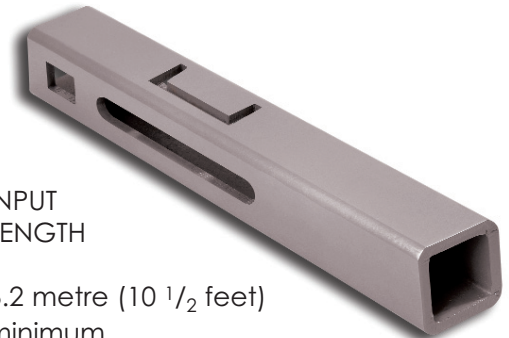
### PLANT & SPECIFICATION SHEET

	<b>ROUND TUBE &amp; PIPE</b> Diameter 17 – 273mm ( $\frac{3}{8}$ "NB – 10"NB)
	<b>RECTANGULAR / SQUARE TUBE</b> RHS 25 x15mm to 250x150mm (1"x $\frac{5}{8}$ " to 10"x6") SHS 15 x 15mm to 200 x 200mm ( $\frac{5}{8}$ "x $\frac{5}{8}$ " to 8"x8")
	<b>CHANNELS</b> 20 x 20mm to 203 x 203mm ( $\frac{3}{4}$ " x $\frac{3}{4}$ " to 8" x 8")
	<b>RSA (ANGLE)</b> 20 x 20mm to 200 x 200mm ( $\frac{3}{4}$ " x $\frac{3}{4}$ " to 8" x 8")
	<b>BEAMS / COLUMNS / JOISTS</b> (203 x 152) (203x203) (203x152) 20 x 20mm to 203 x 203mm ( $\frac{3}{4}$ " x $\frac{3}{4}$ " to 8" x 8")
	<b>SPECIAL SHAPES</b> Within area of 20 x 20mm to 203 x 203mm ( $\frac{3}{4}$ " x $\frac{3}{4}$ " to 8" x 8")
	<b>OVAL etc</b> Within area of 20 x 20mm to 203 x 203mm ( $\frac{3}{4}$ " x $\frac{3}{4}$ " to 8" x 8") Oval, etc

### TUBE CUTTING FACILITIES

2 BLM Adige 4 Axis Tube Lasers

1 Mazak Fabrigear 6 Axis Tube Laser



#### INPUT LENGTH

3.2 metre (10 1/2 feet) minimum

8 metre (26 feet) maximum

#### PIECE WEIGHT

Max 480 kg or 1058lbs  
Approx 1/2 tonne

#### TUBE & SECTION POWER UNITS

Rofin 2.5kW min to max Fanuc 4kW laser

#### MAX WALL THICKNESS

22mm

#### 4 and 6 AXIS CUTTING HEADS

#### OPTIONAL WELD PREP BEVEL



See over for Flat Cutting and additional services.

● Effective

● Efficient

● Precise

**The Laser Cutting Co. Ltd.**

Catley Road Sheffield S9 5JF

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**Accounts** Tel: 0845 337 3173 Fax: 0845 337 3174

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Registered in England No. 04965233 VAT No. 828876667





## THE LASER CUTTING co

### ● Plate and Flat cutting facilities

- Trumpf 4050 6kw 4000 x 2000 Flat Bed Laser
- Trumpf 3030 4kw 3000 x 1500 Flat Bed Laser
- Min thickness 0.50 mm – max 25mm



### ● Folding / Bending

- Trumpf Trumabend V130 Tonne Pressbrake
- Max input width 3 metres

### ● Coded Welding

- MIG and TIG facilities – fast turnaround on sub assemblies

### ● Metals Processed

- Mild steel
- Stainless steel
- Wear Resistant Steel e.g. Hardox type
- Aluminium

### ● Approvals

- Lloyds Register ISO 9001: 2000  
([www.lasercutting.co.uk](http://www.lasercutting.co.uk) for copy of certificate)

### ● Additional Services

- Management of additional processes and services when required Including powder coating, drilling, tapping, rumberling, plating etc

● Effective

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