



**SLP**

**Specialised Laser Products**

*Laser Cutting For Industry*



# SLP. THE FIRST NAME IN LASER CUTTING.



## One name stands apart in the specialised world of laser cutting: SLP.

For over 15 years, Specialised Laser Products has brought ultra-accurate laser cutting to a host of industries and sectors across the UK. Excelling at meeting the demands of even the most complex and high-precision project, we've gained a well-earned reputation for quality, service and competitiveness.



From Day One SLP has been a family firm. And the values that first defined the company - pride in the job, world class service and investment in the latest technology - still drive a company which has grown to become a multi-million pound business delivering service excellence to every corner of the UK.

Our state of the art laser systems process a whole spectrum of materials sourced from our impressive stock levels in our modern 12,500 sq ft warehouse facility; along with our round the clock service ethos, it means we can hit even the tightest deadlines when every minute counts.

Flexibility is another hallmark of the SLP approach. We offer every imaginable service from flame and laser cutting to folding, forming, machining, grinding and fabrication. And with the capability to process anything from a single item to 10,000-plus in a whole range of materials thickness and grades from 0.1mm to 25mm, we are the automatic choice for leading names in the engineering, architectural, machine knife, rail, recycling and construction sectors.

And as you might expect of a company which places the customer first, our commitment to offering outstanding value for money is second to none.







## GENERAL AND STRUCTURAL STEELS

SLP General and Structural Steels are used in a wide variety of applications including:

- General sheet metal
- Construction
- Rail
- Agricultural
- Machinery
- Architectural
- Re-newables

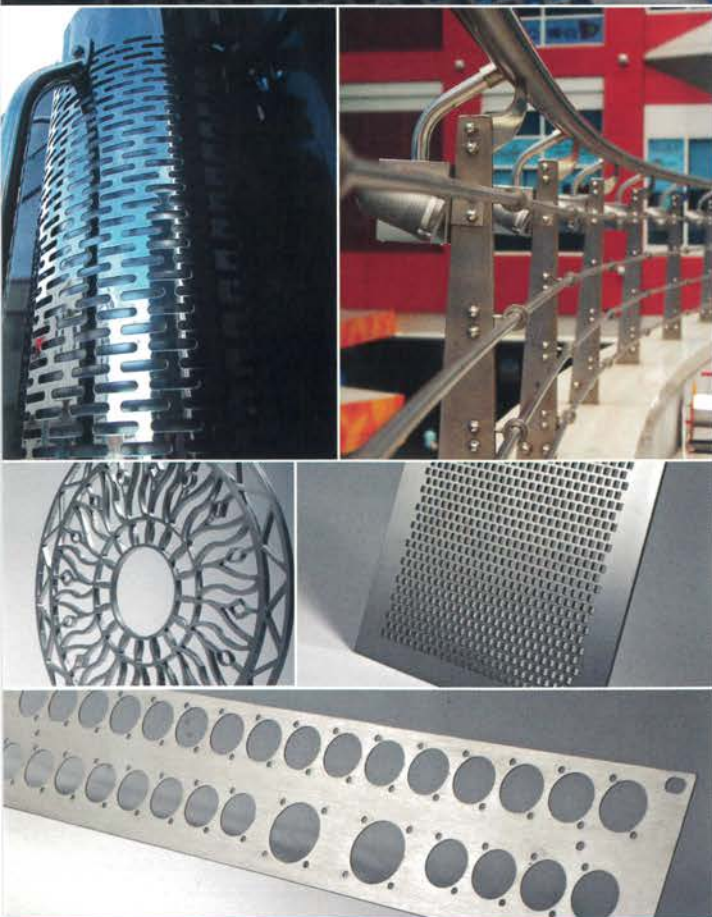
The comprehensive range of materials includes:

Cr4 mild steel	0.9 – 3mm
Hr4 mild steel	1.5 -3mm
S275JR	3 – 25mm
S355JR	3 -25mm
S355J2G3	3 -25mm
S355J2+N	3 -25mm
Galvanised sheet	0.9 -3mm
Zintec sheet	0.9 -3mm
Hardox	available on request
Abro	available on request
Weldox	available on request
Boron	available on request





## STAINLESS STEEL AND ALUMINIUM



Wide-ranging applications include:

- General fabrication
- Marine
- Shopfitting
- Catering
- Medical
- Water treatment
- Architectural
- Civil engineering
- Chemical
- Pharmaceutical
- Oil & gas
- Re-newables

The comprehensive range of sheet materials includes:

304 (1.4307) stainless steel 0.5 -25mm  
 316 (1.4404) stainless steel 0.5 – 25mm

304/316 are available in a range of surface finishes -  
 2B, HR, DP1, Bright annealed, Mirror polished

430 (1.4016) stainless steel  
 310 (1.4845) stainless steel  
 321 (1.4541) stainless steel  
 3cr12 (1.4003) stainless steel

Various qualities of aluminium ranging from 0.9mm – 15mm  
 Grades include 1050 through to 6082 T6





## SPRING STEEL AND 420 STAINLESS STEEL

SLP is a specialist in supplying laser cut spring steel and 420 stainless steel for a wide variety of applications, including:

- Machine knives
- Food processing blades
- Slitting line spacers
- Surgical instruments
- Agricultural ground work products
- Hand knives
- Circular saw bodies
- Spring washers
- Packaging Knives

### Spring steel

Cold Rolled Steel Strip, Bright Hardened  
CS95 - Hardened to 50/52 RC  
CS80 - Hardened to 48/50 RC  
75Cr1 - Hardened to 48/50RC and 42/44 RC  
Thickness range 0.3mm - 4.3mm for maximum choice and application versatility

### Hot Rolled Steel Strip

75Cr1  
80Crv2  
Thickness range 1.8mm - 8.3mm

### 420 stainless steel

Stainless Steel Strip	Bright Hardened to 47/51 RC
Thickness Range	0.5mm - 3.0mm
Stainless Steel	Cold Rolled Sheets , Annealed
Thickness Range	1.5mm - 3.5mm
Stainless Steel	Cross Rolled Sheets, Descaled and Annealed
Thickness Range	4.3mm - 10.5mm





## FABRICATION

SLP offer a comprehensive service for sub-contract manufacturing. Specialising in Stainless Steel, Mild Steel and Aluminium Sheet metal fabrications.

- Prototypes
- Bespoke Designs
- Volume Production
- Forming
- Surface Treatment





## Structural Fittings



- CE Marked to BS EN 1090 Execution Class 2
- All laser cut parts etched with mark number as standard
- Laser cut parts up to 20mm thick
- Oxy gas cutting on parts over 20mm thick
- Drilled, countersunk & tapped holes as required
- Machined weld preps and slots
- All structural material grades covered S275JR / S355JR / S355J2
- Parts produced to NC, DWG, DXF files or full program service available
- Fast reliable nationwide delivery
- Flexible lead times

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## Machining



- Recent investment in XYZ CNC vertical machining centre to compliment Laser & Oxy Gas cutting services
- 800x500x500mm Machining Capacity
- Longer components can be accommodated
- CNC carbide drilling
- Countersinking & Tapping
- Machined Slots
- Machined Weld Preps

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