

## LS2030 PRO

Our largest CO2 laser cutter. The LS2030 is supplied with a powerful laser tube as standard which makes light work of cutting up to 20mm acrylic. Ideal for plastics fabricators and sign makers it is capable of cutting a wide variety of nonmetals.

Particularly good results are achieved with plastics such as acrylic where the polished edge that the laser offers reduces time and eliminates the need for separate labour intensive processes.



### MACHINE FEATURES:

150W laser tube as standard (180W peak)

Red dot pointer system for quickly and easily lining up your work

Slatted non-reflective aluminium bar bed for supporting a wide range of materials and weights

High quality optics provide high accuracy, reliability and long life

Air assist to control heat and disperse smoke and debris around cutting nozzle

Water flow switch to provide protection against failure of cooling system

Ruida motherboard offers compatibility with RD Works (PC only) and Lightburn (PC and Mac) software packages

### CUT:

Non-metallic PVC free print media

Fabric

Leather

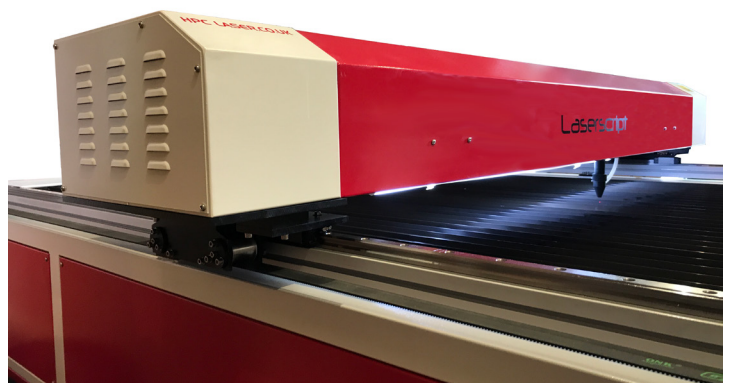
Acrylic, nylon and other non-PVC plastics

Plastic laminates

Latex and rubber

Plywood and MDF

Wood and wood veneers



## LS2030

<b>Laser power</b>	150W (180W maximum)
<b>Maximum cutting thickness</b>	20mm Acrylic
<b>Recommended maximum cutting thickness</b>	15mm acrylic
<b>Mounting</b>	Free standing floor mounted on castors
<b>Laser source</b>	Water cooled CO2 gas filled glass tube
<b>Cutting area</b>	3000mm x 2000mm
<b>Drive system</b>	Stepper motor
<b>Location precision</b>	<0.01mm
<b>Cooling method</b>	Closed circuit water cooling with flow protection switch
<b>Cooling system</b>	CW4000 or CW5200 water chiller
<b>Fume extraction</b>	Separate air extraction unit (supplied) optional fume filter available
<b>Extraction hose</b>	200mm flexible hose – 2 pieces 1500mm long each (supplied)
<b>Air assist compressor</b>	Free standing oil-free diaphragm compressor (supplied)
<b>Connectivity</b>	USB
<b>Controller</b>	Ruida
<b>Software</b>	RD Works (PC only), Lightburn (PC or Mac)
<b>Typical design software</b>	Adobe Illustrator, AutoCAD, Corel Draw, 2D design
<b>Preferred file types</b>	.dxf, .plt
<b>Operating system support</b>	Windows XP, 7, 8, 10
<b>Minimum character size</b>	1.5mm x 1.5mm
<b>Power supply</b>	220V (or 110V) +/- 10% 50Hz (or 60Hz)
<b>Machine dimensions (mm)</b>	3520 long x 2610 wide x 1030 high
<b>Machine weight</b>	570kg
<b>Machine interfaces</b>	1 x USB (1 x USB cable for PC) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 200mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 3 x UK/USA/EU electrical sockets for power connection of auxiliary devices
<b>Warranty</b>	12 months onsite excluding consumables (laser tube and optics)

### OPTIONAL EXTRAS:

Laser fume filtration system for enclosed spaces

Sheet materials including acrylic, plywood, MDF veneers, engraving laminate

Laser machine compatible antifreeze