

LS2515 PRO

The LS2515 boasts a large capacity work area. The 2500 x 1500mm bed and 150W CO2 laser tube make this workhorse capable of meeting very high workload demands.

Ideal for plastic fabricators and sign makers, it is perfect for cutting a wide variety of nonmetals including woods, plastics and fabric.

The machine is provided with a 12 month onsite warranty (excluding consumables) with the option to extend up to 3 years.



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

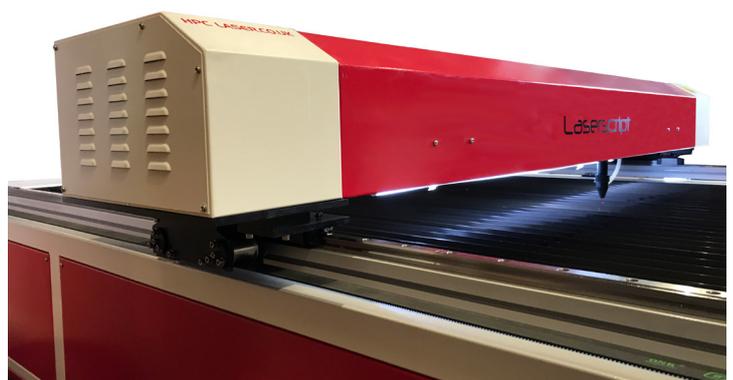
Acrylic, nylon and other non-PVC plastics

Plastic laminates

Latex and rubber

Plywood and MDF

Wood and wood veneers



LS2515

Laser power	150W (180W maximum)
Maximum cutting thickness	20mm Acrylic
Recommended maximum cutting thickness	15mm acrylic
Mounting	Free standing floor mounted on castors
Laser source	Water cooled CO2 gas filled glass tube
Cutting area	2500mm x 1500mm
Drive system	Stepper motor
Location precision	<0.01mm
Cooling method	Closed circuit water cooling with flow protection switch
Cooling system	CW4000 or CW5200 water chiller
Fume extraction	Separate air extraction unit (supplied) optional fume filter available
Extraction hose	200mm flexible hose – 2 pieces 1500mm long each (supplied)
Air assist compressor	Free standing oil-free diaphragm compressor (supplied)
Connectivity	USB
Controller	Ruida
Software	RD Works (PC only), Lightburn (PC or Mac)
Typical design software	Adobe Illustrator, AutoCAD, Corel Draw, 2D design
Preferred file types	.dxf, .plt
Operating system support	Windows XP, 7, 8, 10
Minimum character size	1.5mm x 1.5mm
Power supply	220V (or 110V) +/- 10% 50Hz (or 60Hz)
Machine dimensions (mm)	3040 long x 2030 wide x 1100 high
Machine weight	531 KG
Machine interfaces	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
Warranty	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