

LS2515 PRO

The LS2515 boasts a large capacity work area. The 2500 x 1500mm bed and 130W 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:

- › 130W laser tube as standard (150W max)
- › 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 PRO specification:

Laser power: 130W (150W max)

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, 11

Minimum character size: 1.5mm x 1.5mm

Power supply: 220V (or 110V) +/- 10% 50Hz (or 60Hz)

Dimensions:

- **Machine:** 3040mm long x 2030mm wide x 1100mm high
- **Machine weight:** 531kg
- **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:

- 150W laser tube (180W max)
- Laser fume filtration system for enclosed spaces
- Sheet materials including acrylic, plywood, MDF veneers, engraving laminate
- Laser machine compatible antifreeze

