

LS2030 PRO

Our largest CO2 laser cutter. The LS2030 is supplied with a 150W 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 non-metals.

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.

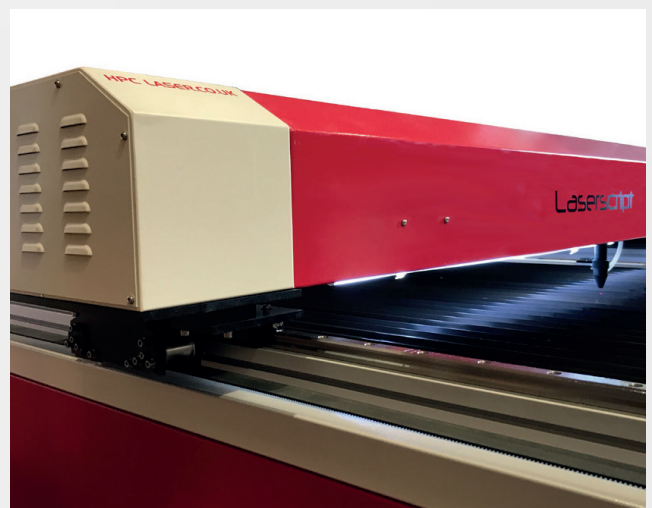


Machine Features:

- > 150W laser tube as standard (180W 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
- > Plastic laminates
- > Fabric
- > Latex and rubber
- > Leather
- > Plywood and MDF
- > Acrylic, nylon and other non-PVC plastics
- > Wood and wood veneers



LS2030 PRO specification:

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: 3000mm x 2000mm

Drive system: Stepper motor

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:** 3520mm long x 2610mm wide x 1030mm high
- **Machine weight:** 570kg
- **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
- Laser machine compatible antifreeze

