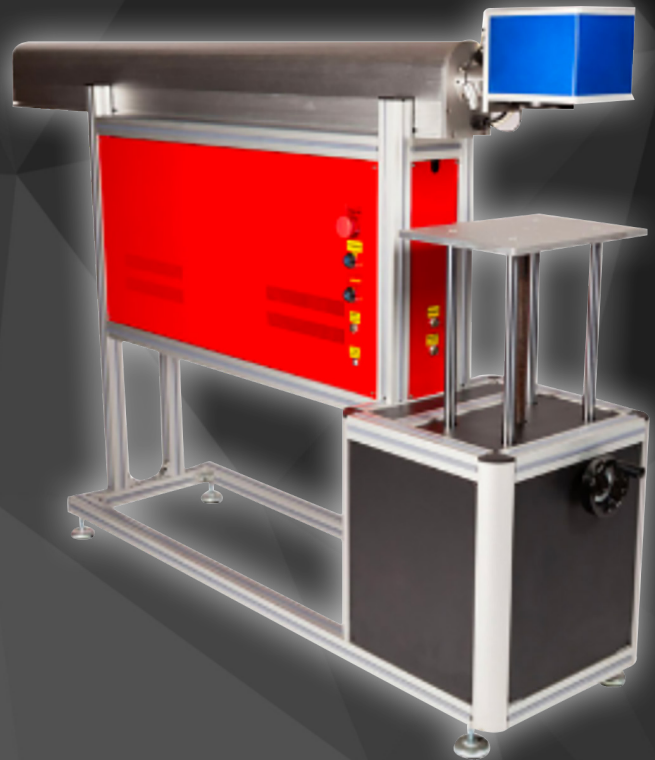


LSG200 Laser Marking Machine

The LSG200 uses a clever “Galvo” head arrangement which provides an extremely fast process time far in excess of a conventional CO2 machine. It is available with multiple focus lens options which offer different marking areas and engraving

Bespoke enclosures are available to suit your specific requirements. The machine is provided with a 12-month warranty with the option to extend up to 3 years



Machine Features:

- › Multiple lens options available with a typical marking area of 110mm x 110mm - 300mm x 300mm
- › 60w tube as standard
- › Visible laser tracing to assist with alignment
- › Precise Z axis adjustments table with drilled and tapped bed, offering easy fitting of jigs and rotary engraving devices
- › High quality optics for accuracy and longevity
- › Protective enclosure sized and manufactured to your requirements
- › Incredibly fast marking speeds compared to conventional CO2 engravers
- › CE Marked
- › Water flow switch to provide protection against failure of cooling system

Engrave:

- › Acrylic, nylon and other non-PVC plastics
- › Plywood and MDF
- › Leather
- › Wood and wood veneers
- › Plastic laminates
- › Latex and rubber
- › Paper, card and print media
- › Slate and glass



LSG200 Laser Marking specification:

Laser power: 60w

Engraving speed : 400-800mm/sec

Mounting: Free standing floor mounted on castors

Laser source: Water cooled CO2 gas filled glass tube

Engraving area: 300mm x 300mm

Z axis adjustment: 200mm

Drive system: Galvo Head

Location precision: <0.05mm

Cooling method: Closed circuit water cooling with flow protection switch

Cooling system: CW 5200 industrial water chiller (recommended)

Fume extraction: Separate air extraction unit (supplied) with enclosure Optional fume filter available

Connectivity : USB

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:** 1850mm(L) x 420mm(W) x 1230mm(H)
- **Machine weight:** 90kg
- **Machine interfaces:** USB

Warranty:

- 12 months onsite excluding consumables

Optional Extras:

- Laser fume filtration system for enclosed spaces
- Laser machine compatible antifreeze

