Laserscript

LS1290 PRO

The LS1290 has a large capacity work area, capable of meeting high workload demands. It can be quickly split to enable it to fit through a standard single doorway and has a powerful 80W tube as standard with 130W and 150W upgrades available.

The class 1 laser enclosure ensures that the laser beam is safely contained during normal operation. With separately keyed on/off switch, unauthorised access and operation can be prevented. The machine is provided with a 12 month onsite warranty with option to extend up to 3 years.



Class 1 laser system

80W tube as standard with 130W and 150W power upgrade options available

Machine can be quickly split to fit through a standard single doorway (minimum doorway width 690mm)

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

Slatted non-reflective aluminium bar bed for supporting a wide range of materials and weights (honeycomb bed available upon request)

High quality optics provide high accuracy, reliability and long life

Pass-through panels front and rear allow larger items to be cut and engraved

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

Water flow switch to provide protection against failure of cooling system

Available options include water chiller, fume filter and rotary attachment for engraving cylindrical items

Louvred cabinet ventilation slots ensure maximum enclosure safety

CE marked Allen Bradley Guardmaster safety switches prevent operation of machine with lid, laser tube door or debris drawer open



CUT AND ENGRAVE:

Paper, card and print media

Fabric

Leather

Acrylic, nylon and other non-PVC plastics

Plastic laminates

Latex and rubber

Plywood and MDF

Wood and wood veneers

ENGRAVE ONLY:

Glass, granite, slate and marble

Anodised and coated metals

Uncoated metals*

*ceramic marking compound required



| Base power B0W (100W maximum) 130W (150W maximum) 150W (165W maximum) Maximum cutting thickness 20mm Acrylic 15mm acrylic 15m | | LS1290-80 | LS1290-130 | LS1290-150 | |
|--|-----------------------------------|---|---|---|--|
| Recommended maximum cutting thickness 12mm acrylic 15mm acrylic 15mm acrylic Engraving speed 400-800mm/sec* (400mm/sec recommended for best quality) Mounting Free standing floor mounted on castors Laser source Water cooled CO2 gas filled glass tube Cutting area 1200mm x 900mm (slightly reduced for engraving) Z axis (table height) adjustment 230mm motorised Drive system 300mm Location precision 40.01mm Cooling method Closed circuit water cooling with flow protection switch Cooling system Separate air extraction unit (supplied) optional fume filter available Fume extraction Separate air extraction unit (supplied) optional fume filter available Extraction hose 150mm flexible hose - 2 pieces 1500mm long each (supplied) Grain assist compressor Free standing oil-free diaphragm compressor (supplied) Connectivity USB Software R Works (PC only), Lightburn (PC or Max) Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types J. S. J. | Laser power | 80W (100W maximum) | 130W (150W maximum) | 150W (165W maximum) | |
| Engraving speed 400-800mm/sec.* (400mm/sec recommended for best quality) Mounting Free standing floor mounted on castors Laser source Water cooled CO2 gas filled glass tube Cutting area 1200mm x 900mm (slightly reduced for engraving) Z axis (table height) adjustment 2300mm motorised Drive system Stepper motor Location precision \$\ \text{300mm}\$ motorised Cooling method Closed circuit water cooling with flow protection switch Cooling method \$\ \text{Cooled circuit}\$ exter cooling with flow protection switch Cooling method \$\ \text{Separate IP68 submersible pump and 35 litre water tank (supplied)** optional water chiller available Fume extraction \$\ \text{Separate IP68 submersible pump and 35 litre water tank (supplied)** optional water chiller available Extraction hose \$\ \text{Separate air extraction unit (supplied) optional fume filter available Extraction hose \$\ \text{150mm}\$ flive sible hose \$\ \text{2 pieces 1500mm}\$ long each (supplied) Air assist compressor Free standing oil free diaphragm compressor (supplied) Connectivity USB Software \$\ \text{RD Works (PC only), Lightburn (PC or Mac)}\$ Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types \$\ \dxid, \pli \) Operating system support Minimum character size \$\ \text{1.5mm x 1.5mm}\$ Power supply \$\ \text{220V (or 110V) +/- 10% 50Hz (or 60Hz)}\$ Machine dimensions (mm) \$\ \text{1780(l) x 1350(w) x 1220(h)}\$ 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port {to suit supplied 6mm LD, silicon hose}} 6 x UK/USA/FU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Pront 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 lase | Maximum cutting thickness | | 20mm Acrylic | | |
| Mounting Free standing floor mounted on castors Laser source Water cooled CO2 gas filled glass tube Cutting area 1200mm x 900mm (slightly reduced for engraving) Z axis (table height) adjustment 230mm motor/sed Drive system Stepper motor Cooling method Closed circuit water cooling with flow protection switch Cooling system Separate IP68 submersible pump and 35 litre water tank (supplied) of poptional water childre available Fume extraction Separate ire retraction until (supplied) optional fume filter available Extraction hose 150mm flexible hose - 2 pieces 1500mm long each (supplied) Air assist compressor Free standing oll-free diaphragm compressor (supplied) Connectivity USB Software RD Works (PC only), Lightburn (PC or Mac) Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types J. Kimm x 1.5mm 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) 1780(l)x 1350(w) x 1220(h) 2160(l)x 1350(w) x 1200(h) | | 12mm acrylic | 15mm acrylic | 15mm acrylic | |
| Laser source Water cooled CO2 gas filled glass tube Cutting area 1200mm x 900mm (slightly reduced for engraving) Zaxis (table height) adjustment 230mm motorised Drive system Stepper motor Cooling method Closed circuit water cooling with flow protection switch Cooling system Separate IPE8 submersblbe pump and 35 litre water tank (supplied)** optional water chiller available Fume extraction Separate air extraction unit (supplied) optional fame filter available Extraction hose 150mm lexible hose - 2 pieces 1500mm long each (supplied) Air assist compressor Free standing oil-free diaphragm compressor (supplied) Connectivity USB Software R DW Orks (PC only), Lightburn (PC or Mac) Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types dyd, plt Operating system support Windows XP, 7, 8, 10 Minimum character size L Samm x L5mm Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types | Engraving speed | 400-800mm/sec | .* (400mm/sec recommende | ed for best quality) | |
| Cutting area 1200mm x 900mm (slightly reduced for engraving) Z axis (table height) adjustment 230mm motorised Drive system Stepper motor Location precision < 0.01mm | Mounting | Free standing floor mounted on castors | | | |
| Z axis (table height) adjustment 230mm motorised Drive system Stepper motor Cooling method Closed circuit water cooling with flow protection switch Cooling system Separate IP68 submersible pump and 35 litre water tank (supplied)*** optional water chiller available Fume extraction Separate are extraction unit (supplied) optional fume filter available Extraction hose 150mm flexible hose − 2 pieces 1500mm long each (supplied) Air assist compressor Free standing oil-free diaphragm compressor (supplied) 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 Minimum character size 1.5mm x 1.5mm Power supply 220V (or 110V) +/-10% 50Hz (or 60Hz) Machine dimensions (mm) 1780(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) Machine interfaces 2 x USB (1x USB cable for PC and 1 x USB socket for memory stick) 1 x mair inlet and 1 x water outlet port (to suit supplied 6mm LD, Silicon hose) Li x water inlet and 1 x water outlet port (to suit supplied 6mm LD, Silicon hose) 1 x water inlet and 1 x water outlet port (to suit supplied 6mm LD, Silicon hose) Cabinet safety Louved cabinet d | Laser source | Water cooled CO2 gas filled glass tube | | | |
| Drive system Stepper motor Cooling method Closed circuit water cooling with flow protection switch Cooling method Closed circuit water cooling with flow protection switch Cooling system Separate IP68 submersible pump and 35 litre water tank (supplied)** optional water chiller available Separate in extraction unit (supplied) optional fume filter available Extraction hose 150mm flexible hose - 2 pieces 1500mm long each (supplied) Connectivity USB USB Commercivity USB USB Commercivity Commerciv | Cutting area | 1200mm x 900mm (slightly reduced for engraving) | | | |
| Cocation precision | Z axis (table height) adjustme | 230 mm motorised | | | |
| Cooling method Closed circuit water cooling with flow protection switch Cooling system Separate IPR88 submersible pump and 35 litre water tank (supplied) "optional water chiller available Fume extraction Separate air extraction unit (supplied) optional fume filter available Extraction hose 150mm flexible hose − 2 pieces 1500mm long each (supplied) Air assist compressor Free standing oil-free diaphragm compressor (supplied) Connectivity USB Software RD Works (PC orly), Lightburn (PC or Mac) Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Adobe Illustrator, AutoCAD, Corel Draw, | Drive system | | Stepper motor | | |
| Separate IP68 submersible pump and 35 litre water tank (supplied)** optional water chiller available | Location precision | | <0.01mm | | |
| Fume extraction Separate air extraction unit (supplied) optional fume filter available Extraction hose 150mm flexible hose – 2 pieces 1500mm long each (supplied) Air assist compressor Free standing oil-free diaphragm compressor (supplied) Connectivity USB Software RD Works (PC only), Lightburn (PC or Mac) Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Mindows XP, 7, 8, 10 Operating system support Mindows XP, 7, 8, 10 Minimum character size 1.5mm x 1.5mm Power supply 220V (or 110V) +/- 10% 50Hz (or 60Hz) Machine dimensions (mm) 1780(I) x 1350(w) x 1220(h) 2160(I) x 1350(w) x 1220(h) 2160(I) x 1350(w) x 1220(h) 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x air extract connection to suit 150mm hose 1 x air inlet port (to suit supplied 6mm LD. silicon hose) Cabinet safety Louvred cabinet doors, CE safety switches for Ild, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) **Mighter speeds are achievable but engraving quality may be reduced ***Water turk not supplied if water chiller option is purchase CW4000 water chiller unit | Cooling method | Closed circuit | water cooling with flow pro | tection switch | |
| Extraction hose 150mm flexible hose – 2 pieces 1500mm long each (supplied) Air assist compressor Free standing oil-free diaphragm compressor (supplied) 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 Minimum character size 1,5mm × 1,5mm Power supply 220V (or 110V) +/- 10% 50Hz (or 60Hz) Machine dimensions (mm) 1780(!) × 1350(w) × 1220(h) 2160(!) × 1350(w) × 1220(h) Machine ewight 300Kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm LD, silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) **Tigher speeds are achievable but engraving quality may be reduced **Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube Uprades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Cooling system | | | | |
| Air assist compressor Connectivity USB Software RD Works (PC only), Lightburn (PC or Mac) Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file types Adobe Illustrator, AutoCAD, Corel Draw, 2D design Illustrator | Fume extraction | Separate air extraction unit (supplied) optional fume filter available | | | |
| Software RD Works (PC only), Lightburn (PC or Mac) Typical design software Adobe Illustrator, AutoCAD, Corel Draw, 2D design Preferred file typesdxf, 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) 1780(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for Iid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) **Proproposed are achievable but engraving quality may be reduced "Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser furne filtration system for enclosed spaces CW4000 water chiller unit | Extraction hose | 150mm flexible hose – 2 pieces 1500mm long each (supplied) | | | |
| 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) 1780(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) Machine weight 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on | Air assist compressor | Free standing oil-free diaphragm compressor (supplied) | | | |
| Preferred file types Operating system support Minimum character size Preferred file types Operating system support Minimum character size Prower supply Operating system support Machine dimensions (mm) 1780(I) x 1350(w) x 1220(h) 1780(I) x 120(h) 1780(I) x 120(h) 1780(I) x 120(h) 1780(I) x 120(h) 1780(I) x 12 | Connectivity | USB | | | |
| Preferred file types Operating system support Windows XP, 7, 8, 10 Minimum character size Power supply 220V (or 110V) +/- 10% 50Hz (or 60Hz) Machine dimensions (mm) 1780(I) x 1350(w) x 1220(h) 2160(I) x 1350(w) x 1220(h) 2160 | Software | RD Works (PC only), Lightburn (PC or Mac) | | | |
| 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) 1780(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) Machine weight 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) *higher speeds are achievable but engraving quality may be reduced "Water tank not supplied if water chiller option is purchased in the part of the part of the | Typical design software | Adobe Illustrator, AutoCAD, Corel Draw, 2D design | | | |
| Minimum character size Power supply 220V (or 110V) +/- 10% 50Hz (or 60Hz) Machine dimensions (mm) 1780(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) Machine weight 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) "bigher speeds are achievable but engraving quality may be reduced "Water tank not supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller option is purchase of the supplied if water chiller | Preferred file types | .dxf, .plt | | | |
| Power supply 220V (or 110V) +/- 10% 50Hz (or 60Hz) Machine dimensions (mm) 1780(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) 2160(l) x 1350(w) x 1220(h) Machine weight 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Operating system support | Windows XP, 7, 8, 10 | | | |
| Machine dimensions (mm) 1780(I) x 1350(w) x 1220(h) 2160(I) x 1350(w) x 1220(h) 2160(I) x 1350(w) x 1220(h) Machine weight 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) OPTIONAL EXTRAS: 'higher speeds are achievable but engraving quality may be reduced '"Water tank not supplied if water chiller option is purchased to the purchase of the purchased option is purchased to th | Minimum character size | 1.5mm x 1.5mm | | | |
| Machine weight 300kg Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm l.D. silicon hose) 1 x air inlet port (to suit supplied 6mm l.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) "higher speeds are achievable but engraving quality may be reduced" "Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | | 220V | (or 110V) +/- 10% 50Hz (or 6 | 50Hz) | |
| Machine interfaces 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Machine dimensions (mm) | 1780(l) x 1350(w) x 1220(h) | 2160(l) x 1350(w) x 1220(h) | 2160(l) x 1350(w) x 1220(h) | |
| 1 x mains power socket (3-pin UK kettle type cable supplied) 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) "Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Machine weight | | | | |
| 1 x air extract connection to suit 150mm hose 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) *higher speeds are achievable but engraving quality may be reduced *"Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Machine interfaces | 2 x USB (1 x USB cable for PC and 1 x USB socket for memory stick) | | | |
| 1 x water inlet and 1 x water outlet port (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) "higher speeds are achievable but engraving quality may be reduced" "Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | | 1 x mains power socket (3-pin UK kettle type cable supplied) | | | |
| (to suit supplied 6mm I.D. silicon hose) 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) 6 x UK/USA/EU electrical sockets for power connection of auxiliary devices Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) "Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | | 1 x air extract connection to suit 150mm hose | | | |
| Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) *higher speeds are achievable but engraving quality may be reduced *Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | | · · | | | |
| Cabinet safety Louvred cabinet doors, CE safety switches for lid, laser tube door and debris drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) *higher speeds are achievable but engraving quality may be reduced **Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | | 1 x air inlet port (to suit supplied 6mm I.D. silicon hose) | | | |
| drawer, separately keyed main power switch for one-key operation Cabinet pass through Front 1290mm x 2 stage 148mm / 345mm, rear 1290mm x 75mm (Machine becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) *higher speeds are achievable but engraving quality may be reduced **Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | | | | | |
| becomes a class 4 laser device if operated with pass through panels removed) Other cabinet features Full width front mounted pull-out drawer for debris and offcut recovery Warranty 12 months on site excluding consumables (laser tube and optics) *higher speeds are achievable but engraving quality may be reduced **Water tank not supplied if water chiller option is purchase OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Cabinet safety | | | | |
| Warranty 12 months on site excluding consumables (laser tube and optics) *higher speeds are achievable but engraving quality may be reduced **Water tank not supplied if water chiller option is purchase. 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Cabinet pass through | | | | |
| *higher speeds are achievable but engraving quality may be reduced **Water tank not supplied if water chiller option is purchase 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Other cabinet features | Full width front mounted pull-out drawer for debris and offcut recovery | | | |
| OPTIONAL EXTRAS: 130W and 150W laser tube upgrades Laser fume filtration system for enclosed spaces CW4000 water chiller unit | Warranty | | _ | | |
| Laser fume filtration system for enclosed spaces CW4000 water chiller unit | OPTIONAL EXTRAS: | riignei speeds are achievable but erigravin | g quality may be reduced — Water (ank n | ос заррнеа и water crimer option is purchased | |
| Laser fume filtration system for enclosed spaces CW4000 water chiller unit | 130W and 150W laser tube upgrades | | | | |
| CW4000 water chiller unit | | | | | |
| | | ' | | | |
| | | ic, plywood, MDF veneers. en | graving laminate | | |

Laser machine compatible antifreeze