

FLAT BED - METAL LASER SOLUTION

LS100 Ex Fibre



GRAVOGRAPH

A COMPACT FIBRE LASER SOLUTION
WITH EXTENDED CAPABILITIES

LS100 Ex Fibre*

FINE AND HIGH-CONTRAST LASER MARKING.
ERGONOMIC AND RELIABLE MACHINE.

Ideal for industrial parts marking and identification plates, accurate cutting of thin metallic parts and engraving gifts, jewellery, trophies and awards, pens, tankards.

- Excellent results on steel, stainless steel, titanium, aluminum, carbide, silver, gold, brass, ceramics, ABS.
- The LS100EX Fibre solution specializes in engraving on a full range of metals - no need to apply special consumables to the surface. Excellent results on ABS plastics, etc.
- Easy to set-up in an industrial or commercial environment. Its 610 x 305 mm (24 x 12 in.) marking area is ideal for series of small objects, large objects and matrices: productivity guaranteed.
- The machine design maximizes user comfort: easy-access, front opening makes loading and adjusting jobs effortless. Its point n' shoot function allows for quick, error-free set-up. The autofocus feature ensures precise engraving results.
- An ergonomic LCD control panel and short-cut functions streamline workflow tanks to the selection of the job to engrave in the queuing.
- A range of fumes exhausts to preserve the working environment in perfect condition.
- Optional accessories extend the LS100Ex Fibre's capabilities and your business opportunities: cylindrical attachment, vacuum table to secure thin materials in position, plus a full range of lenses for high definition engraving.
- Driven by LaserStyle, professional interface, Graphic level delivered as standard with the Fibre solution. Its makes job creation easier than ever. Marking parameters are saved with each job design for future use.



■ ENGRAVING CAPACITIES

Engraving area: 610 x 305mm (24x12 in.)
Z-clearance: 250 mm (10 in.)
Maximum item size: 760 x 330 x 145 mm (30x13x10 in.)
Maximum item weight: 20 Kg (44 lb)
Raster Speed: 1,50 m/s (5 ft/s)

■ LASER SOURCE

Pulsed fibre - 1,06 µm
Power: 20W
Security: CDRH Class II

■ INTERFACE SOFTWARE

LASERSTYLE GRAPHIC as standard

■ DIMENSIONS & UTILITIES

Overall machine size:
1025 x 725 x 450 mm (40x29x18 in.)
Net weight: 75 kg (165 lb)

■ OPTICS

- 3.0 in. lens as standard
- 2.0 - 4.0 in. Optional

■ MACHINE SUPPORT

Floor stand support which can integrate the ES device

■ FUMES EXHAUSTS

- ES10, ES30 (floor stand devices)
- LE150HP (integrated device)

■ WORKING TABLES

- Vacuum table for thin material
- Floating pin tables
- Honeycomb table

■ CYLINDRICAL ATTACHMENT

- Diam. 3 - 130 mm (0.1 - 5 in.)
- Max. length item 500 mm (20 in.)



Do not use to process PVC based material.
Never leave the machine operating unattended.

 **GRAVOGRAPH**

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GravoTech Marking SAS
56 avenue Jean Jaures
10600 La Chapelle Saint Luc - France
Tel: 0033 325 416 565
Fax: 0033 325 416 510
information@gravograph.com
www.gravograph.com