LASER ENGRAVING MACHINES

LS100 Ex

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LS100Ex

A COMPACT CO₂ LASER SYSTEM WITH EXTENDED CAPABILITIES

IDEAL FOR MARKING, ENGRAVING AND CUTTING PLASTICS, WOOD, ACRYLIC, METALS, GLASS, LEATHER AND RUBBER. GLASS AND METAL CANNOT BE CUT WITH LASER. SOME METAL MAY REQUIRE CERAMIC BASED ADDITIVE TO BE MARKED.

Applications such as part marking, trophies and awards, gifts, leather goods, crystal and glassware, signage, photo marking and rubber stamp production. In short a versatile system suitable for most marking and engraving applications.
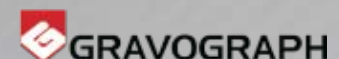
- A versatile and rugged CO_2 laser engraver, which can be easily set-up in your factory, workshop, office or retail outlet.

- The LS100 Ex will boost your **productivity** with high quality marking at an outstanding speed up to **2.54 m/sec** as well as LCD control panel with ergonomic design and short-cut functions to save valuable time.

- The LS100 Ex is a quality laser with a backlit marking table. Front access for effortless loading and adjusting of items: **ergonomic** for daily use while ensuring CDRH Class 2a safety level. Red-pointer beam allowing for quick and error-free set-up, and auto-focus feature for precision and ease, whatever your marking surface.

- The fume and dust exhaust range and air assist improve processing of certain materials like rubber, leather, and acrylic, **preserving your working environment.**

- Optional accessories are available to optimise the LS100 Ex performance: cylindrical attachment, vector cutting table, vacuum table and full range of lenses.

- With its **intuitive** interface, GravoStyle 5 software optional makes job creation, including text, logos and images, easier than ever. Marking parameters are included in your job save. The advanced software functions are designed by engravers, for engravers: bar code and **matrix** functions, rubber stamp wizards, and **dial** and graduation creation etc.

Specifications

- **Overall machine size:**
  - 1025 x 725 x 450 mm

- **Marking area:**
  - 610 x 305 mm / 24x12"

- **Z clearance (maximum item height):**
  - 145 mm / 5.8"

- **Speed:**
  - Up to 2.54 m/sec

- **Weight:**
  - 70 kg

- **Laser:**
  - CO₂ laser source (10.6µm)
  - Power range: 30, 40 or 55W

- **Energy supply :**
  - 30W, 40W : 100-240 V AC
  - 55W : 120 - 240 V AC

- **Interface :**
  - GravoStyle 5, Graphic level optional
  OS: Windows® 2000, XP or Vista

- **Optional accessories :**
  - Exhaust systems LE150 HP
  - 1.5, 2.5, 3.5 and 4" lenses
  - Honeycomb cutting table
  - Vacuum table
  - Floating pin table
  - Integrated compressor for air assist
  - Cylindrical attachment (tiltable, supplied with cones)

CE

EN 60825 - CDRH Class 2

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

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