Laser Marking Station

e.L-BOX

SIC MARKING

The mark of quality

SIMPLE

ROBUST

SECURE

e.L-BOX, compact, stand-alone marking station

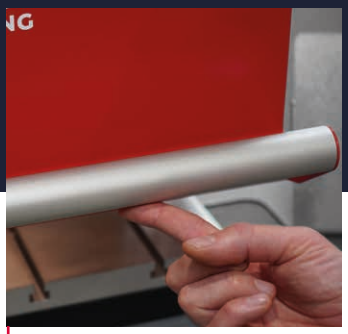
The precision solution that leaves its mark!

The **e.L-BOX** is a station designed for fast, accurate industrial marking. Equipped with a laser source, it adapts to all materials and produces fast, precise and high-contrast marking of your texts, logos and 1D/2D codes. This makes the e.L-BOX an ideal, robust solution for traceability and identification in industrial environments.

0A38 1340 83

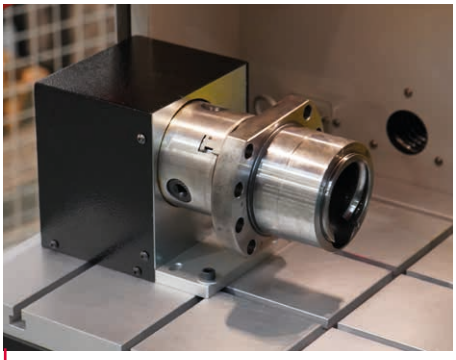
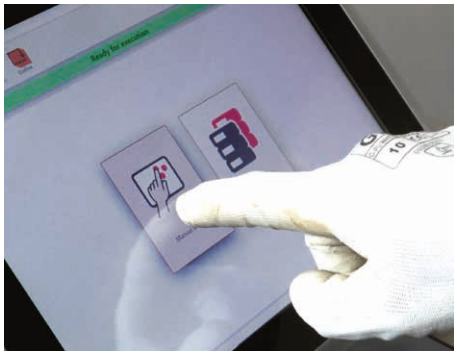
logo

The e.L-BOX is shown here with its touch-sensitive PC panel option



All-in-one, ergonomic laser solution

- All-in-one, ready-to-use, easy-to-position solution, suitable for seated or standing work.
- Balanced, lightweight door for effortless opening.
- Laser station with motorized axis, laser pointers for fast and precise adjustment of focal distance.
- Large working volume 385 x 330 x 370 mm. Maximum focal length: 190 mm.
- Opening on 3 sides for improved accessibility to marking area.
- Magnetic control unit for free positioning and improved workstation ergonomics.

Flexible and easy to use

- Grooved table supports heavy loads. Easy installation of tools and accessories.
- Rotary axis for marking cylindrical parts (see accessories and options).
- SIC FACTORY AUTOMATION SOFTWARE on touchscreen HMI. Simple and easy to use.
- Data entry by barcode scan (error-free operation by the operator).

Easy & quick

Robust components

Robust and safe

- Class 1 security station compliant with ISO 60825-1. Measured and certified according to a strict validation protocol.
- Simple, robust design, all-steel housing, suitable for harsh industrial environments.
- Reliable, long-life fiber laser technology. Maintenance-free, no wearing parts.

1

2

3

4

5

6

7

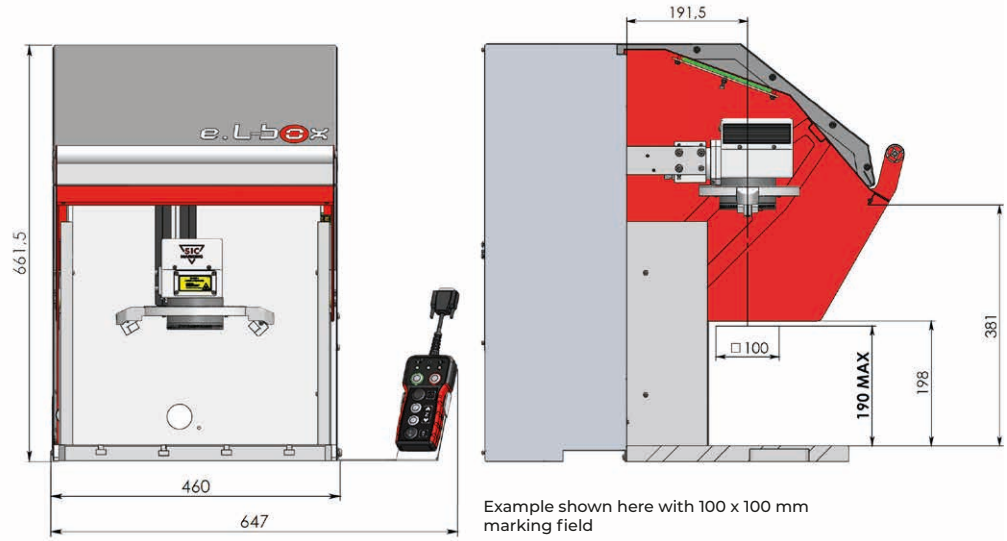
8

Fiber lasers, a versatile technology for marking a wide variety of materials:

1. Steel.
2. Stainless steel.
3. Tungsten carbide.
4. Anodized materials.
5. Painted materials.
6. Alloys.
7. Brass.
8. Polymers. (validation test required)

Technical specifications and accessories

Technical specifications:



Example shown here with 100 x 100 mm marking field

Power supply	100-240 V AC
technology	Fiber laser 1064 nm
Power	20 W / 30 W
Marking fields	100 x 100 mm / 170 x 170 mm
Maximum part size	385 x 330 x 370 mm
Laser safety (EN 60825-1)	Classe 1
Machine weight	70 kg

Available accessories:

Rotary axis

Barcode reader

SIC FACTORY AUTOMATION

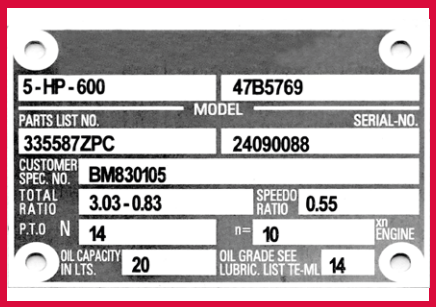
Panel PC with touch screen

Workbench on wheels

W 1000 x D 600 x H 750 mm
4 x 10 cm castors

Smoke extractor

Application examples



The 8 key SIC MARKING services

Personalized advice for the best choice of technology

Laser, micro-percussion or scribing? Our experts will help you identify the marking technology best suited for your requirements, thanks to our wide range of solutions.

Customized solutions tailored to your needs

We develop customized products that are perfectly adapted to your industrial processes and requirements.

Feasibility studies and technical tests

We carry out rigorous feasibility studies and tests to validate each stage of your project. Engineering tests are also available.

Complete training for your teams

Our specialists train your teams in the use of your equipment to ensure autonomous and effective control.

Assistance during commissioning

Our local teams are on hand to support you during the commissioning of your machine, facilitating smooth and rapid integration into your day-to-day operations.

Technical support and after-sales service

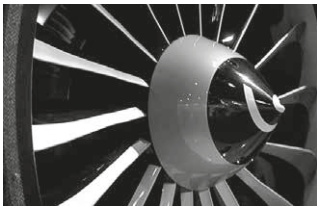
Responsive after-sales service and dedicated technical support members are at your side for assistance for the supply of spare parts and consumables.

Retrofit solutions for sustainable performance

We offer customized retrofit solutions to extend the life of your machines: backward compatibility with updated components, complete modernization or equipment takeover.

Global support with local expertise

With 10 subsidiaries and a worldwide network of distributors, we offer global resources combined with local support to take charge of your projects from design to installation.



SIC MARKING
The mark of quality

SIC MARKING Limited
Wedgnock Industrial Estate,
Warwick, United Kingdom
+44 19 26 83 03 72

salesuk@sic-marking.com
https://www.sic-marking.co.uk

Art direction, graphic design: gm-design-graphique.com