

LASER ENGRAVING MACHINES

# LS 800



**GRAVOGRAPH**  
[www.gravograph.com](http://www.gravograph.com)

*Innovative solutions for engraving and marking*

# LS 800

**THE FLEXIBLE ENGRAVING SOLUTION FOR A QUICK RETURN ON INVESTMENT**

**- MARKING, ENGRAVING AND CUTTING ON A WIDE VARIETY OF MATERIALS SUCH AS PLASTICS, WOOD, ACRYLIC, COATED METALS, GLASS**

**- ADDRESSING MANY APPLICATIONS LIKE RUBBER STAMPS, SIGNAGE, PERSONALIZATION, GIFT ITEMS AND AWARDS...**

■ **The high resolution CO<sub>2</sub> Laser beam and positioning system** provides speed, finesse, power and precision when processing. Due to higher wattages available, the LS800 can engrave and efficiently cut a wide variety of materials in a single cycle.

**The 610x305mm engraving area combined with the 250mm Z travel** enables the unit to process a wide range of parts sizes from small nameplates to large control panels.

■ **Frontal access** makes the loading and unloading operation easier than ever before. This ergonomic design minimises the stress on the operator greatly.

■ **Engineered for productivity** the LS800 includes many features designed to optimise the machine use. Features such as a red aiming beam laser, automatic focal adjust, a cycle time indicator and an end of job alarm, allow for efficient job processing.

■ **With its very robust design** the LS800 range provides **exceptional reliability and consistency.**

The ability to select the method of fume extraction combined with variable air assist contributes **greatly to the engraving and cutting quality**, as well as particulate and fume removal.

■ **The Gravostyle 5 software package**, makes job creation easier than ever. This user friendly and very intuitive operating system allows engraving parameters to be saved with the job, and its advanced functions provide extended capabilities within a few mouse clicks (barcodes, Data Matrix™, pictures, dials, etc.).



■ **Laser:**

- CO<sub>2</sub> laser source (10.6 μm)
- Power range: 30, 40, 60, 80 Watts
- Safety: CDRH Class 2a (EN60825)

■ **Size and weight:**

- Dimensions: (WxHxD)  
945x770x780mm (37"x31"x30")
- Weight: 150kg (330lbs)

■ **Engraving capabilities:**

- Engraving area: 610 x 305mm (24" x 12")
- Z axis travel: 250mm (9.84")

■ **Energy and power supply:**

- 100V-240V AC Supply (30 and 40 W)
- 120V-240V AC Supply (60 W)
- 200V-240V AC Supply (80 W)

■ **Interface:**

- Engraving software with integrated driver, Gravostyle 5, Graphic level
- O/S: Windows NT, 2000 or XP

■ **Options and accessories:**

- Base stand, tubular steel weldment
- Integrated exhaust system, with pre-filter, Z filter and active carbon filter (used as machine base)
- Various independent exhaust options
- Alternate lenses (1.5", 2.5", 3.5", 4" focal length)
- Honeycomb cutting table
- Floating pin table (h=30 mm)
- Integrated compressor for air assist
- Rotary device to engrave round parts (max. Ø200mm, L=483mm, weight=10kg)(7.9" diameter, 16.3" length, 19.8lbs)



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

EN 60825 - CDRH Class 2a



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