



Large Format
CO₂ Laser Solution

LASER SOLUTION LS900

Innovative solutions for engraving and marking

www.gravograph.us

LS900

INNOVATIVE

Gravograph lasers from Gravotech are available with a host of unique and innovative features:

The high resolution CO₂ Laser beam and positioning system provides speed, finesse, power and precision when processing. The LS900 can engrave and efficiently cut a wide variety of materials in a single cycle.

These features make Gravograph lasers easy to use and productive.

The large format solution for optimum productivity



VERSATILE

The **24"x24" engraving area** combined with the **9.8" Z travel** and **X axis pass through** enables the unit to process a wide range of parts sizes from small nameplates to large control panels, both in single item processing and in large batches.

EXCEPTIONAL SOFTWARE

LaserStyle™ graphic professional software comes standard with the LS900. The **best control software on the market**, LaserStyle™ is compatible with all pre-existing Gravograph solutions. An **open source driver** is provided for third-party graphic design software programs and the specially designed interface now **optimizes composition productivity**.

Upgrade your laser solution to **GravoStyle™** and unlock your laser's full engraving potential.

TECHNICAL SPECIFICATIONS

CHARACTERISTICS

- CO₂ Laser Source
- Machine Dimensions: 37.2 x 42.5 x 31.9 inches (940 x 1066 x 813 mm)
- Product Weight: 375 lbs (170 kg)
- Shipping Weight: 410 lbs (186 kg)
- Engraving Area: 24 x 24 inches (610 x 610 mm)
- Z Clearance: 9.8 inches (249 mm)
- Max. Speed: 100 inches/second (2.54 meters/second)
- Wattage Range: 35, 40, 60, and 80W
- Energy Supply: 100 & 240 V AC

STANDARD FEATURES

- LaserStyle™ graphic professional laser software
- Job complete alarm
- Integrated safety shut-off
- Air assist
- Auto Z
- Red laser pointer
- Point & shoot job registration
- Print & cut media registration
- Emergency stop button

ADDITIONAL ACCESSORIES

- GravoStyle™ software with intuitive interface and advanced software functions designed for engravers
- Base stand, mecano-welded
- Fume extractors
- Alternate lenses (2", 3", 4" focal length)
- Honeycomb cutting table
- Floating pin table
- Integrated compressor for air assist
- Cylindrical attachment



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

PERFORMANCE

Engineered for productivity the LS900 includes many features designed to optimize the machine use. Features such as a **red aiming laser beam**, **automatic focal adjustment**, a **cycle time indicator** and an **end of job alarm**, allow for efficient job processing. The high resolution CO₂ Laser beam and positioning system provides **speed**, **finesse**, **power** and **precision** when processing.

ERGONOMICS AND DESIGN

With its very **robust design**, the LS900 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. Front access makes the **loading and unloading operation easier** than ever before. This ergonomic design **minimizes the stress on the operator** greatly. The LS900 also offers **IQ+** or "Intelligent Quotient". The IQ+ at Gravotech was specifically designed for Gravograph machines. Offering **streamlined electronics**, **new-generation firmware** and **enhanced communication** between the engraver and user.



APPLICATIONS

Since 1938, Gravotech brands have been global leaders in the design, manufacturing, sales and support of innovative solutions for engraving, marking and artistic modeling.

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IDEAL FOR:

Marking, engraving and cutting a wide variety of materials such as plastic, wood, acrylic, coated metal, glass, leather and rubber

- Signage
- Personalization
- Gift and Awards
- Rubber Stamps

(Glass and metal cannot be cut with a laser. Some metal may require a ceramic based additive to be marked)

The Gravotech Group represents a worldwide network present in 30 countries with more than 900 employees working around the clock to provide customers with exceptional permanent marking solutions. As a global leader in durable marking technologies such as engraving, laser, micro-percussion and scribing, we utilize our expertise to develop and market equipment, software and consumables for every application, from personalization to architectural signage and industrial part marking.

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