



CO<sub>2</sub> Laser Solution

LS100

Innovative solutions for engraving and marking

**1-888-431-7385**  
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# LS100

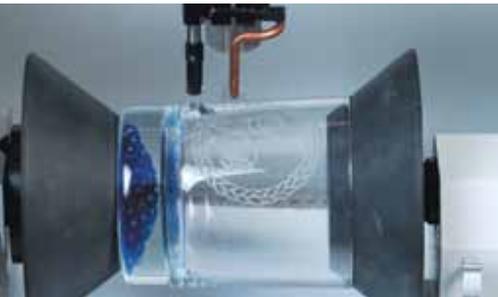
Flexible engraving solution for a quick return on investment

## INNOVATIVE

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

Intelligent laser pointer, programmable motorized table, synchronized fume extraction, variable flow air assist, ergonomic control panel and front loading door for easy loading & unloading, and automatic Z positioning.

These features make Gravograph lasers easy to use and productive.



## VERSATILE

The LS100 is a rugged CO<sub>2</sub> laser and can be set up in a factory workshop, office or retail outlet. Suitable for most marking, cutting and engraving applications including: trophies and awards, gifts, leather goods, acrylic, crystal and glassware, bar codes, data matrixs, photo marking and rubber stamp production.

## EXCEPTIONAL SOFTWARE

LaserStyle™ graphic professional software comes standard with the LS100. 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.

## TECHNICAL SPECIFICATIONS

### CHARACTERISTICS

- CO<sub>2</sub> Laser Source
- Machine Dimensions: 30.5 x 28.5 x 17.7 inches (755 x 725 x 450 mm)
- Product Weight: 95 lbs (43 kg)
- Shipping Weight: 145 lbs (66 kg)
- Engraving Area: 18 x 12 inches (460 x 300 mm)
- Z Stroke: 5.7 inches (145 mm)
- Max. Speed: 100 inches/second (2.54 meters/second)
- Wattage Range: 30, 35, 40, 55, 60, 70, 80W
- Energy Supply: 100 & 240 V AC



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

### PERFORMANCE

The LS100 increases productivity with outstanding speeds up to 100 ips (2.54m/sec). The LCD control panel is designed with short cut functions to save valuable time.

### ERGONOMICS AND DESIGN

Quality laser with a backlit marking table. Front access for effortless loading and adjusting of items. A red pointer beam allows for quick and error-free set up and auto focus feature for precision and ease of use.

The fume and exhaust range, as well as the air assist, preserves your working environment and improves processing of many materials including rubber, leather and acrylic.

### STANDARD FEATURES

- LaserStyle™ graphic professional laser software
- Job complete alarm
- Air assist
- Auto Z
- Red laser pointer
- Point & shoot job registration
- Print & cut media registration

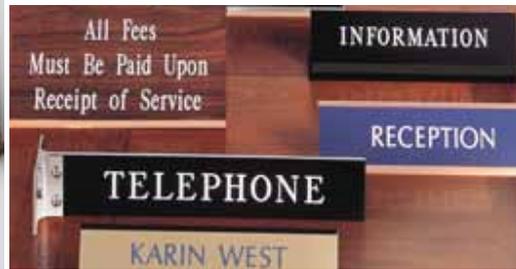
## ADDITIONAL ACCESSORIES

- Base stand
- Various independent exhaust options and integrated device
- Alternate lenses: (1.5", 2", 3", 4" focal length)
- Vector cutting table
- Floating pin table
- Honeycomb cutting table
- Integrated compressor for air assist
- Rotary device to engrave round parts



## 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.



### IDEAL FOR:

Marking, engraving and cutting a wide variety of materials, such as plastic, wood, acrylic, metals and glass.

- Rubber Stamps
- Personalization
- Signage
- Gift Items
- Awards
- Part Marking

(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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