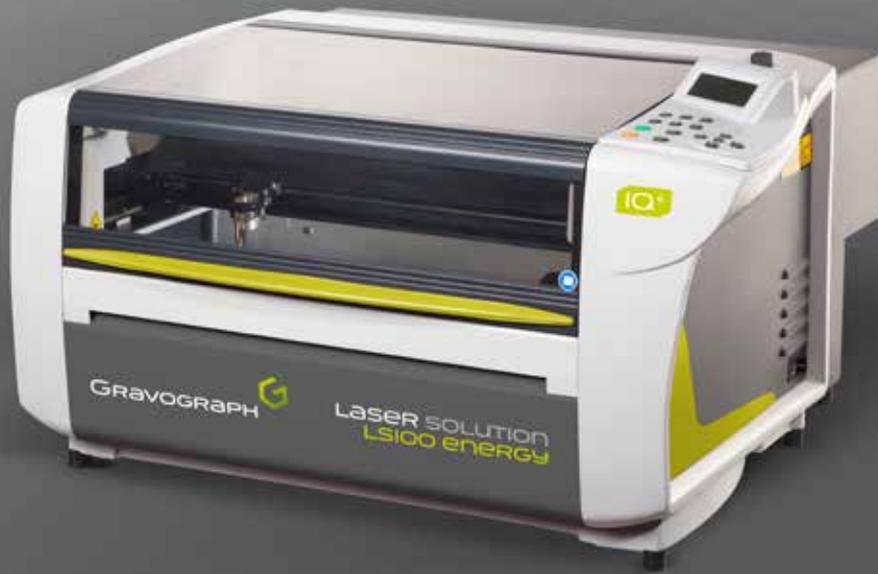


Budget-Friendly  
CO<sub>2</sub> Laser Solution



# LASER SOLUTION LS100 ENERGY

Innovative solutions for engraving and marking

[www.gravograph.us](http://www.gravograph.us)

# LS100 energy

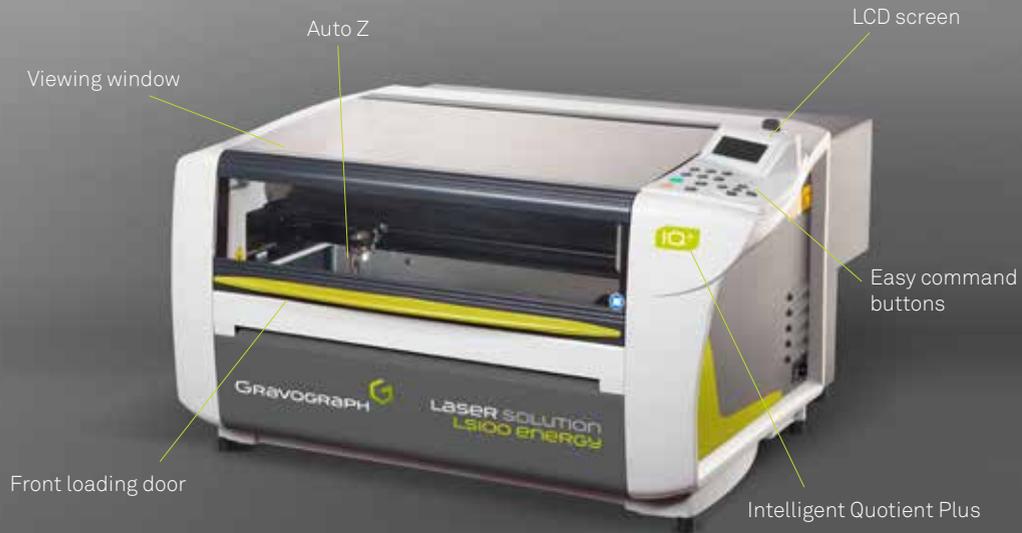
## ECONOMICAL, MULTIFUNCTIONAL, RELIABLE

### INNOVATIVE

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

This economical and compact CO<sub>2</sub> laser is ideal for stores and offices with plaque engraving, small signage and product personalization needs. Outstanding optional software, Laserstyle™ enables rapid design and parameter composition. Following the natural flow of job creation, Laserstyle™ is a simple yet powerful tool.

These features make Gravotech lasers easy to use and productive.



### VERSATILE

New to engraving or adding a laser to your facility for the first time, the **Gravograph LS100 Energy** allows for a **diverse range of applications**. Its many accessories and additional equipment allow you to configure the very best solution for your working environment. The Gravograph LS100 Energy is the **premium option for entry-level laser**.

### EXCEPTIONAL SOFTWARE

**LaserStyle™** Discovery software comes standard with the Gravograph LS100 Energy. The user interface design is focused on simplicity. The toolbar follows the chronological order of the job composition and intuitive icons allow for quick understanding of each function. An **open source** Windows Printer 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

- CO<sub>2</sub> Laser Source
- Machine Dimensions: 30.5 x 28.5 x 17.7 inches (890 x 725 x 440mm)
- Product Weight: 88.2 lbs (40 kg)
- Shipping Weight: 139 lbs (63 kg)
- Engraving Area: 18 x 12 inches (460 x 305 mm)
- Z Clearance: 5.7 inches (145 mm)
- - Max. Speed Raster: 39.4 inches/second (1,000 mm/second)
- Max. Speed Vector: 7.9 inches/second (200 mm/second)
- Wattage Range: 25W
- Energy Supply: 100 & 240 V AC



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

### STANDARD FEATURES

- Water chiller
- Laserstyle™ software
- Integrated safety shut-off
- Air Assist "Plumbing"
- Auto Z
- Interactive LCD display
- Error-proof red aiming laser

## ADDITIONAL ACCESSORIES

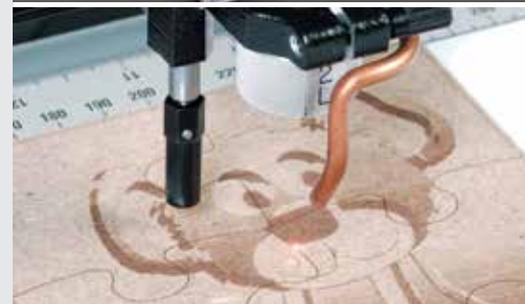
- 1.5 & 2.5 inch lenses
- Cylindrical attachment
- Floating Pin Cutting Table
- Honeycomb Cutting Table
- Integrated air compressor
- Fume and particle extractors/filters
- Gravostyle™ software solution

### PERFORMANCE

The interactive control panel & integrated memory **save valuable time** during production. With the red aiming laser, jobs can be previewed to **eliminate errors**. Save time and increase profitability by using the **Point & Shoot** feature to easily determine the engraving area of any object. No rulers needed!

### ERGONOMICS AND DESIGN

Front access for **effortless loading and unloading** of items. The backlit marking table allows clear viewing of all engraving items. Fume extractors are also available to preserve your working environment and improve material processing. The Gravograph LS100 Energy also offers **IQ+** or "Intelligent Quotient" which provides **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.

[www.gravograph.us](http://www.gravograph.us)



### IDEAL FOR:

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

- Trophies
- Door plaques
- Wood & glass personalization
- Small signage
- Gifts
- Awards
- Key rings
- Industrial ID plates
- Electronic Control Panel Tags

(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.

**Gravograph, is a registered trademark of Gravotech, Inc.**

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**GRAVOGRAPH** 

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