



Large Format,  
Budget-Friendly  
CO<sub>2</sub> Laser Solution



# LASER SOLUTION L5900 energy

Innovative solutions for engraving and marking

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

# LS900 energy

## INNOVATIVE

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

Our largest and most economical laser solution yet! The Gravograph LS900 Energy boasts all the features that make Gravotech machines the best, while providing a solution for the budget conscious customer.

These features make Gravograph lasers easy to use and productive.

The large format, budget-friendly solution for optimum productivity



## VERSATILE

The **24"x24" engraving area** combined with the **9.8" Z travel** and **X axis pass through** enables the Gravograph LS900 Energy to process a wide range of parts sizes from small name plates to large control panels, both in single item processing and in large batches.

## EXCEPTIONAL SOFTWARE

**LaserStyle™** graphic professional software comes standard with the Gravograph LS900 Energy. This software is both functional and simple to use while enhancing the laser's natural abilities. 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

- CO<sub>2</sub> Laser Source
- Machine Dimensions: 37.2 x 42.5 x 31.9 inches (940 x 1065 x 815 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 Raster: 39.4 inches/second (1,000 mm/second)
- Max. Speed Vector: 7.9 inches/second (200 mm/second)
- Wattage: 25W
- Energy Supply: 100 & 240 V AC



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

### STANDARD FEATURES

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

## ADDITIONAL ACCESSORIES

- GravoStyle™ software
- 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

### PERFORMANCE

**Productive and efficient**, the Gravograph LS900 Energy is equipped with time-saving features. The **red aiming laser, automatic focusing, cycle time indicator, end of job alarm** and more allow for fast job creation. These features grouped with Gravograph's known machine quality produce a laser engraving machine **ready to take on any challenge**.

### ERGONOMICS AND DESIGN

With a **large, robust design**, the Gravograph LS900 Energy range provides **an extended engraving area without sacrificing quality**. Front access makes the **loading and unloading operation easier** and the pass-through allow for oversized products. The Gravograph LS900 Energy also offers **IQ+** or "Intelligent Quotient" which offers **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

- Large and Oversized Signage

- Personalization

- Gift and Awards

- Rubber Stamps

- Part Marking

- Identification Plates

(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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