

Budget-Friendly
CO₂ Laser Solution



LASER SOLUTION LS100ex energy

Innovative solutions for engraving and marking

www.gravograph.us

LS100EX ENERGY

INNOVATIVE

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

The latest Gravograph ENERGY range of lasers are a combination of Gravotech's professional performance and new innovative features to create a unique and economical solution.

First time users and experienced engravers can create new and profitable revenue streams.

A budget-friendly CO₂ laser system with advanced capabilities



VERSATILE

The **Gravograph LS100EX Energy** is a versatile CO₂ laser and can be set up in a **factory, workshop, office or retail outlet**. Suitable for most marking, cutting and engraving applications this machine will open new doors for your business. Starting at an attractive price point, the Gravograph LS100EX Energy is the perfect addition

EXCEPTIONAL SOFTWARE

LaserStyle™ Discovery software comes standard with the Gravograph LS100Ex Energy. The best control software on the market, Laserstyle™ is easy to learn and productive. 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

- CO₂ Laser Source
- Machine Dimensions: 40.3 x 28.5 x 17.7inches (1023 x 725 x 450 mm)
- Product Weight: 154 lbs (70 kg)
- Shipping Weight: 200 lbs (90 kg)
- Engraving Area: 24 x 12 inches (610 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: 25W
- Energy Supply: 100 & 240 V AC

STANDARD FEATURES

- Laserstyle™ software
- Water Chiller
- Job complete alarm
- Integrated safety shut-off
- Air assist
- Auto Z
- Error-free red aiming laser
- Air Assist "Plumbing"
- Point & shoot job registration
- Print & cut media registration

ADDITIONAL ACCESSORIES

- Gravostyle™ software
- Standalone filtered exhaust and integrated exhaust systems
- 1.5", 2", 3" and 4" lenses
- Honeycomb cutting table
- Vacuum table
- Floating pin table
- Integrated compressor for air assist
- Cylindrical attachment



EN 60825 - CDRH
Class 2

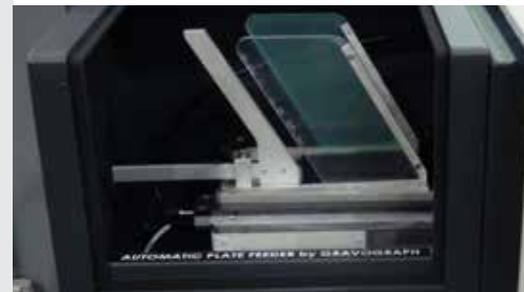
Do not use to process PVC based material.
Never leave the machine operating unattended..

ECONOMICAL

The Gravograph LS100EX Energy can help a **first-time engraver attract new customers** and improve profit margins. For the experienced rotary engraver, adding a laser can **expand your material processing range** as well as shortening processing times all while operating at a low cost. The Gravograph LS100EX Energy is designed to fit any budget.

ERGONOMICS AND DESIGN

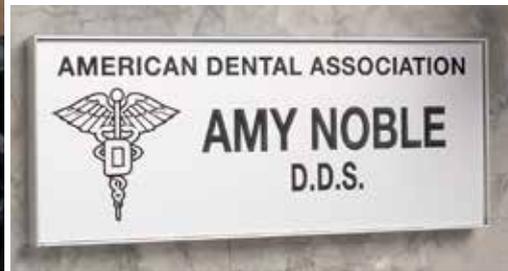
Built with the operator in mind, the machine boasts front access for **effortless loading and adjusting** of items. A **red aiming laser** allows for quick and **error-free** set up and **auto focus** ensures proper high resolution marks. The fume and exhaust range, as well as the air assist, preserves your working environment and improves processing of many materials including rubber, leather and acrylic. The Gravograph LS100EX 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.

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IDEAL FOR:

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

- Trophies and Awards
- Personalized Gifts
- Leather Goods
- Crystal & Glassware
- Signage
- Photo Marking
- 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.

Gravograph, is a registered trademark of Gravotech, Inc.

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