



Economical,  
accessible and  
high quality laser  
engraving solution

# energy 8

# ENERGY 8

ECONOMICAL, MULTIFUNCTIONAL, RELIABLE

This compact CO<sub>2</sub> laser is ideal for stores and offices with plaque engraving and object personalisation needs.

Economical, its low running costs allow the immediate, on-site performance of such tasks.

Outstanding software. Gravograph™ enables the rapid composition of engraving tasks. The engraving parameters for the various materials are saved and advanced functions simplify the execution of specific engraving jobs.



↔ 775 x 725 x 450 mm

👤 40 kg

Controlled by the Gravograph™ software package with the addition of a professional driver for graphic software (included)



Gravograph's extensive selection of laser engraving materials offers users a solution for all their engraving needs on ENERGY 8.

## Much more than a mere product - a SOLUTION

ENERGY 8 has been designed to cater for a diverse range of applications (flat and cylinder engraving, engraving on objects).

Its many accessories and additional equipment allow you to configure the very best solution for your working environment.

ENERGY 8, a premium business offer, developed by GRAVOGRAPH Research and Development. "We have applied all our international experience - acquired in demanding industrial fields - to the development and launch of ENERGY 8, which today constitutes the best value for money on the market".

## Technical characteristics

### Output capabilities

**Engraving zone:** 460 x 305 mm

**Z axis travel:** 145 mm

Motorised displacement along Z

### Speed

**Raster:** 1000 mm/s

**Vector:** 200 mm/s

### CO<sub>2</sub> laser

**Source :** CO<sub>2</sub> laser 25 W water-cooled

**Focusing optics:** 2.00"

**Safety:** CDRH Class II



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

EN 60825 - CDRH  
Class 2

### Ergonomics

ENERGY 8 integrates a number of unique functionalities as standard, originating in the LS range and proven in an industrial setting:

- Interactive control panel, with LCD screen,
- Integrated memory independent of the control PC,
- Supplied set up for air assistance, speed controller,
- Motorised displacement along Z,
- Automatic focal distance by sensor,
- Red pointer for engraving positioning assistance,
- Front Loading concept.

## Optional accessories

- Focusing optics: 1.50" - 2.50"
- Cylindrical attachments Ø 3 - 130 mm
- Floating Pin Cutting Table
- Honeycomb Cutting Table
- Integrated air compressor 12 l/mn
- Range of fume and particle extractors/filters





## Ideal for:

- Trophies,
- Rubber stamps,
- Door plaques,
- Gifts,
- Key rings,
- Wood/glass engraving,
- Small signage.

Compatible with materials such as plastics, wood, acrylic, coated metals, glass, leather, paper, cardboard etc.

ENERGY 8 is also suitable for occasional workshop engraving needs.



## Gravotech Marking SAS

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