laser solutions for engraving, cutting & marking

Gravograph. Laser Technologies

CO2 | FIBER | YAG

www.gravograph.us
Gravograph: complete solutions

LASERSTYLE™ the professional design and layout software for the laser

LaserStyle software bundled with the laser provides full freedom of design and preparation of your job for laser engraving. It combines the best and most useful elements of a CAD and an illustration program. In addition to importing all common file formats, creating and manipulating graphical design elements and full typographic capabilities, the software can generate barcodes, drill patterns, process photos for realistic lasered images, make rubber stamps, create dials and scales, handle variable lists and serialization and much, much more.

This user-friendly software utilizes wizards to guide the user step-by-step.

GravStyle is an upgrade combining the functions of LaserStyle with the capability to drive Gravograph rotary engraving machines all from a single platform for convenience and greater productivity.

CONSUMABLES FOR LASER SYSTEMS

With thousands of color combinations and the largest selection of laser engraving materials, GRAVOGRAPH offers what you need, when you need it and saves your time, labor and money by providing on demand cut-to-size and fabrication services.

These include ready to engrave badges, nameplates, strips rectangular, oval and circular plates to your requirements as well as cutting, beveling, rounding, drilling, slotting and bending operations. GRAVOGRAPH can apply adhesive to sheets of plastic or metal.

- Metal & plastic ranges for indoor & outdoor use.
- Various thicknesses and sheet sizes available.
- Suitable for diverse engraving & cutting applications.
- Custom fabrication to your specifications, on demand.
- Custom colors available
- Order online 24/7 (US only).

For more information, check our eCatalog online.
WORLDWIDE EXPERIENCE

Gravograph is the world’s leading manufacturer of rotary and laser engraving machines, materials, impact marking systems, accessories, and engraving software. For over 70 years, Gravograph has remained the industry benchmark. Our systems are the highest quality and the longest lasting. This success is built on three fundamentals: a primary focus on the needs of our customers, continually delivering state-of-the-art technology, combined with industry leading customer service from over 800 employees worldwide.

International group:
23 subsidiaries and 80 qualified and trained distributors

Technical support close to each application

Quality systems are in place from design through on-site maintenance

On-site or in house training:
Gravograph is a certified training center

Systematic control of marking quality and legibility on your parts

SERVING THE INDUSTRY FOR OVER 70 YEARS

<table>
<thead>
<tr>
<th>GRAVOGRAPH</th>
<th>WORLDWIDE DISTRIBUTION</th>
<th>1ST ENGRAVING MATERIAL</th>
<th>1ST CNC ROTARY</th>
<th>GRAVOSTYLE™ SOFTWARE</th>
<th>1ST CO2 LASER</th>
<th>1ST GALVO LASER</th>
<th>1ST GANTRY FIBER LASER</th>
</tr>
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<tbody>
<tr>
<td>DISTRIBUTION</td>
<td>1950</td>
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OUR COMMITMENT TO YOU

PRODUCTIVITY
QUALITY
SAFETY
COMPLETE SOLUTION
ERGONOMIC DESIGN
WARRANTY
ACCESSORIES
CONSUMABLES
CAD/CAM ENGRAVING SOFTWARE
SERVICE AROUND THE WORLD
The best just got better.
The iQ+ concept is the brainchild of the latest collaboration between Gravograph and the market. iQ+ is exactly what the name suggests: an extremely high “intelligence quotient” for Gravograph laser solutions.

Quality of the construction.
Heavy mechanical structure design. True Class 1 protection. Cast construction.

Ergonomic.
Front loading concept. Embedded dashboard - built-in driver.

A full Laser Solution.
Adapted exhausts range. LaserStyle™ design software. Range of laserable materials. Integrated network of Gravograph experts. Applications and technical support.

Xtra Productivity, Xtra Potential.
The XP line offers extra productivity from a leading laser platform. It engraves at up to 4m/s, driven by servo motors, ideal for industrial production needs. Rugged construction for bulky items, it features a lateral pass-through to accommodate extra-long parts. An Extra Performance solution for maximum potential.

**LS100** Compact & Affordable

- **CO2**
  - Engraving Area 18"x12"
  - Z axis 5.7"
  - Speed 2.5m/s
  - Power 35W 40W 60W
  - Net Weight 95 lbs

**LS100Ex** Extended Capacities

- **Fiber**
  - Engraving Area 24"x12"
  - Z axis 5.7"
  - Speed 2.5m/s
  - Power 35W 40W 60W 70W 80W
  - Net Weight 165 lbs

**LS900** Heavy Duty

- **Fiber**
  - Engraving Area 24"x24"
  - Z axis 9.84"
  - Speed 2.0m/s
  - Net Weight 375 lbs

**LS100Ex Fiber** Gantry Laser

- Engraving Area 24"x12"
- Z axis 5.7"
- Speed 1.5m/s
- Power 20W
- Net Weight 165 lbs

**Fiber 100** Galvo Laser

- Engraving Area 7"x7"
- Z axis 11"
- Power 10W
- Net Weight 165 lbs

**Fiber 200** Galvo Laser

- Engraving Area 7"x7"
- Z axis 11"
- Power 20W
- Net Weight 165 lbs

Range of Integrated Exhaust Devices

<table>
<thead>
<tr>
<th>Accessories</th>
<th>LE120HP</th>
<th>LE140HP</th>
<th>LE150HP</th>
<th>LN900</th>
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<tbody>
<tr>
<td>Max air flow</td>
<td>400 m³/h</td>
<td>240 m³/h</td>
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<tr>
<td>Static pressure</td>
<td>10 kPa</td>
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<tr>
<td>Active carbon</td>
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<td>Compatible</td>
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<td>LS100Ex</td>
<td>LS900</td>
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</table>

Accessories designed especially for GRAVOGRAPH applications, the exhausts units are essential accessories for the use of LS series. They are compatible with marking, engraving and cutting noxious material such as rubber and acrylic, without any repulsive odor. Compact - 3 stages filtration - Single point connection - Moveable, on castors - Automation with laser.
APF Laser

It’s about getting more from your laser!

Automatic plate feeding is an essential technique when processing production and batch quantities of machine plates, tags, ID plates and other product identification label media.

The APF is compatible with the LS100, LS100Ex CO2 and the LS100Ex Fiber for more productivity. Up to 195 plates in one go!

LS900XP - High Productivity

Engraving Area 24”x24”
Z axis 9.84”
Speed 4.0m/s
Net Weight 375 lbs

YAG 200 - Quality Marking

Engraving Area 7”x7”
Z axis 11”
Power 12W
Net Weight 165 lbs

PERSONALIZATION

Pet Tags, Glassware, Tableware, Pens, Paper Goods, Gifts & Corporate Gifts, Photos, Jewelry, Guns, Recognition & Awards, Sport and Trophies Cup, Fabrics & Leather Items...

SIGNAGE

Rubber Stamps, Nameplates, Badges, Directories, Synoptic, Safety Signs, Location & Directional, Fabricated Elements and Profiling for ADA signage, Inlay Cutting...

CUTTING & MARKING

Direct Part Marking, Barcodes, UID, Electrical Plates, Modeling, Prototyping, POP Displays, Front Panel, ID & Asset Management Plates, Packaging...

Range of accessories to extend the usefulness of your laser & improve productivity

Floating Pin Cutting Table
- Minimizes back-flash effect
- Ideal for unusual shaped parts
- Relocatable pins
- Fits any gantry laser engraver

Cylindrical attachments
- Tilt able to 7°
- Easy to install & use
- 5.1” [130mm] maximum diameter
- Compatible with LS100, LS100EX, LS900
- 11 lbs maximum object weight
- Optional clamping chuck
- 5 interchangeable cones

Honeycomb Cutting Table
- Stainless steel
- Rugged, reinforced frame
- Alignment edges - Built-in rulers
- Minimizes back flash effect
- Easily inserted & removed from laser
- Supports small parts
- For LS100-LS100EX-LS900 versions

Focal Lenses range
- Provides flexibility in applications and range of materials that can be processed
- 1.5” - 2” - 2.5” - 4”

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additional accessories on www.gravograph.us