



GRAVOGRAPH

Laser solutions for engraving, cutting & marking



Gravograph. Laser Technologies

CO2 | FIBER | YAG

www.gravograph.com

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.

GravoStyle™ 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.

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



Gravograph Premium Engraving Materials

And also...

	Laser Marking	CO2	FIBER	YAG
PLASTICS	Gravoply 1		+	+
	Gravoply 2	+	+	+
	Acrylic	+		
	Flexilase	+		
	Gravotac	+		
	Gravoglas 1	+		
	Gravoply Laser	+		
	Gravoply Ultra	+		
	Gravolase Metallics	+		
	Metallex	+		
	Stickalase	+		
ALUMINIUM	Alumamark	+		
	Gravoxal	+	+	+
	Colored Aluminum	+	+	+
BRASS	Gravobrass Exterior		+	+
	Trophybrass	+		
	Rubbalase	+		
	Gravostrat	+		

	Laser Marking	CO2	FIBER	YAG
	Gold		+	+
	Platinum		+	+
	Silver		+	+
	Glass, crystal	+		
	Cork	+		
	Horn	+		
	Leather	+		
	Paper, cardboard	+		
	Fabrics, textile	+		
	Fruit, food	+		
	Wood, wood veneer	+		
	Stone, marble, granite, tile	+		
	Silicone	+		
	Medical & electrical ceramics		+	+
	Titanium, carbide, carbon		+	+
	Fiberglass	+		
	Nickel plated		+	+
	Steel, stainless steel		+	+

For more information, check our eCatalog online.

GRAVOGRAPH LASER TECHNOLOGY



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 4 m/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



CO2

LS100 Compact & affordable



Engraving area 460 x 305 mm (18"x12")
Z axis 145 mm (5.7")
Speed 2.5 m/s
Power 35 W 40 W 60 W
Net weight 43 kg (95 lbs)

LS100Ex Extended capacities



Engraving area 610 x 305 mm (24"x12")
Z axis 145 mm (5.7")
Speed 2.5 m/s
Power 35 W 40 W 60 W 70 W 80 W
Net weight 70 kg (165 lbs)

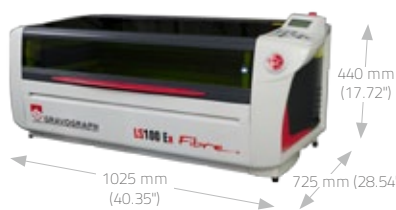
LS900 Heavy duty



Engraving area 610 x 610 mm (24"x24")
Z axis 250 mm (9.84")
Speed 2.0 m/s
Power 35 W 40 W 60 W 70 W 80 W
Net weight 180 kg (375 lbs)

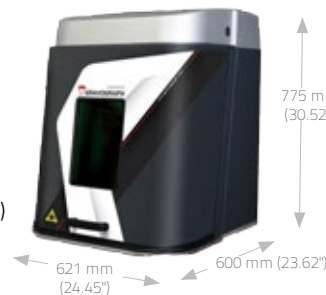
FIBER/YAG

LS100Ex Fiber Gantry Laser



Engraving area 610 x 305 mm (24"x12")
Z axis 145 mm (5.7")
Speed 1.5 m/s
Power 20 W 30 W
Net weight 70 kg (165 lbs)

Fiber 100-200-300 Galvo Laser



Engraving area 180 x 180 mm (7"x7")
Z axis 280 mm (11")
Power 10 W-20 W-30 W
Net weight 70 kg (165 lbs)

Range of integrated exhaust devices



	LE120HP	LE140HP LE150HP	LNi900
Max air flow	400 m ³ /h		240 m ³ /h
Static pressure	10 kPa		22 kPa
Active carbon	20 L	40 L	42 L
Compatible	LS100	LS100Ex	LS900

	ES10	ES30	ES50
Max air flow	200 m ³ /h	360 m ³ /h	500 m ³ /h
Static pressure	4 kPa	9 kPa	20 kPa
Active carbon	13 L	30 L	
Compatible	with the full range		

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

Accessories



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!**

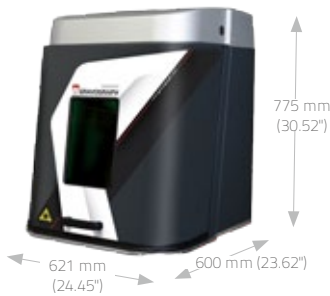
LS900XP - High productivity



Engraving area
610 x 610 mm (24"x24")
Z axis 250 mm (9.84")
Speed 4.0 m/s

Net weight 170 kg
Power 35 W 40 W 60 W
70 W 80 W

YAG 200 - Quality marking



Engraving area 180 x 180 mm (7"x7")
Power 12 W Net weight 70 kg (165 lbs)
Z axis 280 mm (11")

APPLICATIONS

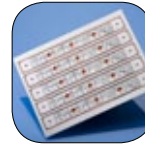
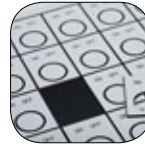
PERSONALIZATION

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...

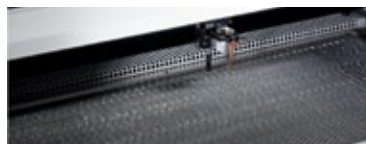


Range of accessories to extend the usefulness of your laser & improve productivity



Floating pin cutting table

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



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



Cylindrical attachments

- Tilt able to 7°
- Easy to install & use
- 130 mm (5.1") maximum diameter
- Compatible with LS100, LS100EX, LS900
- 5 kg (11 lbs) maximum object weight
- Optional clamping chuck
- 5 interchangeable cones



Focal lenses range

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

Additional accessories on
www.gravograph.com

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

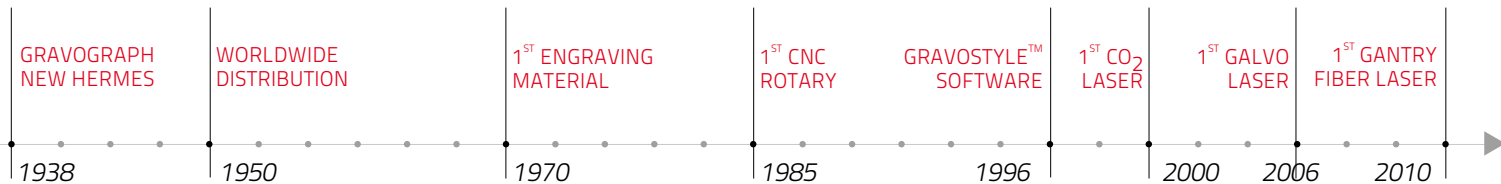
On-site or in house training:
Gravograph is a certified training center.

Technical support close
to each application

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

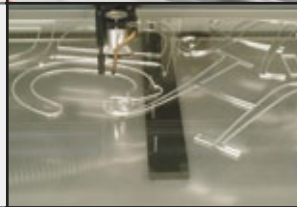
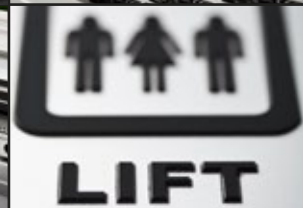
Systematic control of marking
quality and legibility on your parts

SERVING THE INDUSTRY FOR OVER 70 YEARS



OUR COMMITMENT TO YOU

- PRODUCTIVITY +
- QUALITY +
- SAFETY +
- COMPLETE SOLUTION +
- ERGONOMIC DESIGN +
- WARRANTY +
- ACCESSORIES +
- CONSUMABLES +
- CAD/CAM ENGRAVING SOFTWARE +
- SERVICE AROUND THE WORLD +





GRAVOGRAPH

innovative solutions for engraving, cutting & marking

Gravograph worldwide

USA America Mexico

Brazil

Canada Benelux

France England Spain

Italy

Europe

Sweden Switzerland Germany

Poland Austria

Africa

India Japan China

Asia

South Korea Turkey

Singapore

Oceania

Australia Malaysia

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