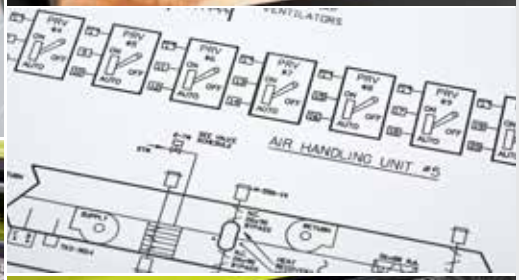
APPLICATIONS

Since 1938, Gravotech brands have been global leaders in the design, manufacturing, sales and support of innovative solutions for engraving, marking and artistic modeling.

www.gravograph.us



IDEAL FOR:

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

- Rubber Stamps
- Personalization
- Signage
- Gift Items
- Awards
- Part Marking

(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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GRAVOGRAPH

GRAVOTECH GROUP

GRAVOGRAPH

GRAVOTECH GROUP

Large Format
CO_2 Laser Solution

LASER SOLUTION LS1000 XP

Innovative solutions for engraving and marking

www.gravograph.us

LS1000 XP

PRODUCTIVITY - POWER - CAPABILITY

INNOVATIVE

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

Our largest laser yet, the LS1000XP can accommodate bulky & oversized items like never before. Ranging from 60 - 150 watts, the LS1000XP offers precision cutting and engraving for large scale production.

VERSATILE

The **LS1000XP** is a true all around machine. The large **48" x 24" marking area** and **unlimited X & Y pass through** creates a functional and adaptable environment. The standard flat works and finned cutting table, allow you **multitask jobs** in your laser and decrease your production time.

NEW 2016 model includes a more rigid frame, enhanced airflow, and an improved cutting edge.

EXCEPTIONAL SOFTWARE

LaserStyle™ Graphic software makes job creation easier and faster than ever. It allows engraving parameters to be saved with the job, and its advanced functions provide access to **expanded capabilities** within a few mouse clicks (barcodes, DataMatrix™, photo processing, matrix layout, rubber stamp wizard, vectorization and more). **Open source driver** is provided for 3rd party graphic design software programs.

Upgrade your laser solution to **GravoStyle™** and unlock your laser's full engraving potential.

TECHNICAL SPECIFICATIONS

CHARACTERISTICS

- CO_2 Laser Source
- Machine Dimensions: 65.4 x 45.7 x 31.5 inches (1660 x 1160 x800 mm)
- Product Weight: 485 lbs (220 kg)
- Shipping Weight: 617 lbs (280kg)
- Engraving Area: 48 x 24 inches (1219 x 609 mm)
- Z Clearance: 11.8 inches (300 mm)
- Max. Speed: 157 inches/second (3.9meters/second)

Wattage Range:

- 60, 80 W air cooled
- 100, 150 W water cooled

STANDARD FEATURES

- Fin cutting table
- Collection tray
- Machine stand w/ storage trays
- Print & cut registration
- Air assist
- Emergency stop button
- Integrated safety shut-off
- Auto Z reference
- Red laser pointer
- Point & shoot job registration
- LaserStyle™ graphic software

EN 60825 - CDRH Class 2

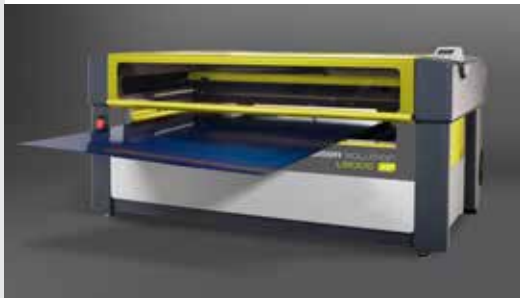
Do not use to process PVC based material.
Never leave the machine operating unattended..

ADDITIONAL ACCESSORIES

- Full range of lenses
- Cylinder attachment
- Pin cutting table
- Fume exhaust and filtration units
- Pressurized nose cones for heavy cutting applications.
- GravoStyle™ software

PERFORMANCE

The LS1000XP performs like no other machine. With its outstanding speeds of **157 ips** and marking area of 48" x 24" this laser out performs the rest. The LaserStyle™ software solution allows **cutting precisely printed shapes** with no added expense of an optical recognition device. **Cut printed media in four steps** with the standard Print & Cut media registration. See the Print & Cut leaflet for more information.

ERGONOMICS AND DESIGN

The **front loading door and access drawers** make moving bulky and large items easy. The machine stand raises the LS1000XP to a **comfortable working level**. The collection tray cradles cut pieces making clean up a breeze. The LS1000 XP also offers **IQ+** or "Intelligent Quotient". The IQ+ at Gravotech was specifically designed for Gravograph machines. Offering **streamlined electronics**, **new-generation firmware** and **enhanced communication** between the engraver and user.