

LASER ENGRAVING MACHINE

LS100Ex



Pictured with optional LE150 HP
Integrated Filtered Exhaust



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innovative solutions for engraving and marking

LASER ENGRAVING MACHINE

LS100Ex

A SPACE-SAVING CO₂ LASER SYSTEM WITH ADVANCED, GROUNDBREAKING, STATE-OF-THE-ART CAPABILITIES.

A versatile system suitable for most marking and engraving applications such as part marking, industrial marking, trophies and awards, gifts, leather goods, crystal and glassware, signage, photo marking and rubber stamp production. In short, a versatile system suitable for most marking and engraving applications.

■ A versatile and rugged CO₂ laser engraver, which can be easily set up in your factory, workshop, office or retail outlet.

■ The LS100Ex will boost your productivity with high quality marking at an outstanding speed up to 100 ips (2.54 m/sec), as well as LCD control panel with ergonomic design and short-cut functions to save valuable time.

■ Quality laser with a backlit marking table. Front access for effortless loading and adjusting of items: ergonomic for daily use, while ensuring CDRH Class 1 Laser specifications when in operation; Red pointer beam allowing for quick and error-free set up; An auto focus feature for precision and ease, whatever your marking surface.

■ The fume and dust exhaust range, as well as the air assist, improve processing of certain materials such as rubber, leather, and acrylic, preserving your working environment.

■ Optional accessories are available to optimize the LS100 Ex performance: cylindrical attachment, vector cutting table, vacuum table and a full range of lenses.

■ With its intuitive interface, GravoStyle 5 optional software makes job creation including text, logos and images easier than ever. Marking parameters are included in your job save. The advanced software functions are designed by engravers, for engravers: bar code and matrix functions, rubber stamp wizards, and dial and graduation creation etc.

IDEAL FOR:

- Marking, engraving and cutting a wide variety of materials such as plastic, wood, acrylic, metal, glass, leather and rubber
- Trophies and Awards
- 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)



- Overall machine size:
 - 40" x 29" x 18"
 - 1025mm x 725mm x 450mm
- Marking area:
 - 24" x 12"
 - 610mm x 305mm
- Z clearance:
 - Max. item height: 5.8"
 - 145mm
- Speed:
 - Up to 100"/sec
 - Up to 2.54m/sec
- Weight:
 - 175 lbs / 70kg
- Laser:
 - CO₂ laser source (10.6μm)
 - Power range:
30W, 40W, 60W or 80W
- Energy supply:
 - 30W, 40W, 60W or 80W
 - 100-240 V AC
- Interface:
 - GravoStyle6,
Graphic level optional
 - OS: Windows® based
driver provided (2000, XP
or Vista) to interface with
other design software
- Optional accessories:
 - Exhaust systems LE150 HP
(as pictured on the front)
 - Standalone filtered exhaust and
the integrated exhaust for
LS100Ex, LS900
 - 1.5" (38mm), 2.5" (63mm), 3.5"
(89mm) and 4" (102mm) lenses
 - Honeycomb cutting table
 - Vacuum table
 - Floating pin table
 - Integrated compressor for
air assist
 - Cylindrical attachment (titable,
supplied with cones)
- Optional software:
 - LaserStyle Industry,
LaserStyle Graphic and
GravoStyle Graphic



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



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Schedule

GS-07F-9477G
Schedule 51V