

LS800

L A S E R



GRAVOGRAPH
NEW HERMES
www.gravograph.com

laser machine

LS800



Machine offered w/optional floor mounted base

SPECIFICATIONS

OPTICS & ELECTRICAL

Wavelength
10.6 (µm)
Rated Power
30watt, 40watt, 60watt, 80watt
Standard Focal Length Lens
2.0" (50.8mm) +/-2%
Input Voltage
30watt & 40watt (100V - 240V)
60watt & 80watt (200V - 240V)

ENGRAVING CHARACTERISTICS AND FEATURES

Processing Modes
Raster and Vector
Maximum Engraving Area
24"W x 12"D (610mm x 305mm)
Focus (Z-Axis) Adjust Travel
9.8" (250mm)
Maximum Speed (Raster)
79" /sec (2000mm /sec)
Maximum Speed (Vector)
7.9" /sec (200mm /sec)
Positioning Accuracy
.004" (0.1mm)
Repeatability
<.002" (.05mm)

PHYSICAL CHARACTERISTICS

Classification
CDRH, Class 2a
System Dimensions
37.2"W x 30.7"D x 30.3"H (945mm x 780mm x 770mm)
System Weight
330lbs (150 kg)
Shipping Dimensions
43.3"W x 39.3"D x 42.1"H
(1100mmx1000mmx1070mm)
Shipping Weight
400lbs (180kg)



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FEATURES

- Complete with revolutionary GravoStyle 5 Graphic level software.
- Ideal machine for experienced users with mid to high production.
- Heavy duty chassis and gantry with a laser power range up to 80 watts.
- Versatile 12" x 24" engraving area with a 9.8" focal axis adjustment.
- Available in tabletop or floor mounted configuration.
- Red spotting beam reduces errors by allowing you to perform a trial run before engraving the object.
- Auto focus automatically adjusts the focal axis to the surface (even hollow areas).
- Front access provides effortless loading and adjusting of objects.
- Easily select between low cabinet or high directional static pressure exhaust settings.
- Auto Actuation, manual adjusted air assist tool that dramatically improves processing of certain materials.

GravoStyle 5 SOFTWARE

User Interface	GravoStyle 5 Graphic level software
Minimum PC Requirements	P4, 1.4 GHz, 256 MB DRAM, 10 GB HDD, 2 USB, 1 PP, 1 SP, Win 2000 / XP
Languages Supported	English, French, German, Italian, Spanish Dutch, Portuguese
Focus Adjustment	Programmable, with Auto-Focus Sensor
Job Completion Alarm	Audible, Electronic Toggle ON/OFF
Job Timer	Auto Display, On System LCD

ACCESSORIES

Floor Mounted Base	Rigid mounting frame, on casters (increases the system weight by 77lbs (35kg))
Alternate Focal Length Options	1.5"(38.1mm), 2.5"(63.5"), 3.5"(88.9mm), 4.0"(101.6mm)
Cylindrical Attachment	Device Weight - 14.3lbs (6.5kg) Maximum Object Length - 19" (483mm) Min/Max Object Diameter - .12" to 7.8" (3mm to 200mm) Max Object Weight - 22lbs (10kg)
Tilt Table For Cylindrical Attachment	Manual Angled Adjustment, to Address Tapered Cylindrical Parts
Air Compressor for Air Assist	Internally Mounted (No Need For External Air Supply)
Honeycomb Cutting Table	Max Engraving Area - 24" x 12" (610mm x 305mm)
Pin Cutting Table	Dual Plates, Multi-Pin Configuration Pin Height - 1.2" (30mm)

APPLICATIONS

Name Tags	Small to Medium signage
Architectural Models (small to medium)	Thick Acrylic cutting
Higher Volume Matrix marking	CERDEC Processing
Glass & Crystal	Trophies
Paper Products	High Volume Rubber Stamps
All 12" x 24" Stock material	Small wooden objects

Standard Windows Printer Driver Windows 98, Windows 2000, Windows XP

