

ILS-III-NM Intelligent Laser System



***Excellent
Performance
for Precision
and Speed***

User-friendly and versatile

- Easy-to-use, like a laser printer
- Compatible with Microsoft Windows software
- Expedites engraving, cutting and drilling

Easy-to-use operator controls

- Integrated controls
- A built-in lighting for effective observation
- Air assist pump ensures high-quality output
- Multi-lingual drivers support local requirements

Effective for high production

- Max. Speed: 1524 mm/sec increases throughput
- Advanced cutting capabilities enhances work flow and quality

Flexible and easy-to-upgrade

- Traversing door easily supports extra long working pieces
- Flexible design supports additional peripherals (ex, rotary attachment, vacuum table, etc.)

Engineered for quality

- Air cooled, sealed CO₂ laser
- Regulatory compliance: CDRH Class I, CE certification

ILS-III-NM

Intelligent Laser System

Specifications

Dimension

970(L) x 865(W) x 1020(H) mm, or
38.18"(L) x 34.05"(W) x 40.15"(H)

Engraving Area

660(L) x 495(W) mm, or 25.98"(L) x 19.48"(W)

Material Size (max.)

640(L) x no limit(W) x 170(H) mm, or 25.19"(L) x
no limit(W) x 6.69"(H); front/back doors opened
660(L) x 495(W) x 210(H) mm, or 25.98"(L) x
19.48"(W) x 8.26"(H); front/back doors closed

Z-axis Movement

210 mm (8.26")

Laser Source

CO2/25W/30W/55W/60W/100W

Max. Speed

1524 mm/sec (60"/sec)

Computer interface

Parallel port or USB

Resolution (DPI)

1000, 500, 333, 250, 200, 166

Auto Focus

Standard

Red-beam Pointer

Standard

Operating Modes

Raster engraving, vector cutting and spot drilling

Display Panel

LCD display showing: current file name, laser power,
engraving speed, run time, files loaded into memory
buffer, setup and diagnostic menu

Memory Buffer

64MB standard, stores up to 99 files with all settings

Regulatory Compliance

CDRH Class I, CE certification

Options

Blower

Air compressor

Rotary attachment

Honeycomb cutting table without dust collector

Honeycomb cutting table with dust collector

Rubber stamp fixture

Facility Requirements

Exhaust

Outside exhaust required; one 4" connection,
requiring 250 CFM air flow

Power

110/220V AC, 20/10 Amp, 50/60 Hz

Cooling

Air-cooled, ambient temperature operational range:
15 - 35°C, 58 - 85°F

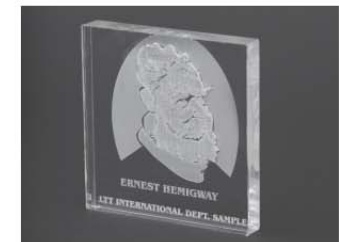
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User-friendly panel design enables operator to control work flow easier and enhance productivity.



High precision motion system design ensures quality engraving and throughput.



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