

M-300 VALUE SERIES LASER PLATFORM



A VALUE PRICED BLEND OF SIZE AND PERFORMANCE

- *Productive and Affordable*
- *Industry Standard 24" x 12" Work Area*
- *Patented Cross-Platform Compatibility With ULS Air-Cooled Quick Change Laser Cartridges™*
- *Patented 25-50 Watt Rapid Reconfiguration Capability™*
- *Low Electrical Consumption*
- *An Appropriate Selection of Productivity Accessories*

UNIVERSAL
LASER SYSTEMS INC.

16008 North 81st Street Scottsdale, Arizona 85260 USA Tel: 800-859-7033 or 480-483-1214 Fax: 480-483-5620 www.ulsinc.com

M-300 VALUE SERIES LASER PLATFORM

SPECIFICATIONS

Design Free-standing unit with integrated cart, motorized Z-axis, auto focus, X-Y beam positioning system, self-adjusting spring loaded sealed bearings, stationary processing table, Quick Change Laser Cartridge™ compatibility, shielded optics path, interchangeable focusing optics, flash upgradable electronics, job complete indicator, system status indicator, relocatable origin, enhanced vector cutting, 3D engraving and rubber stamp mode.



Laser Compatibility UL-25, -30, -35, -40, -45 or -50 watt air-cooled, RF driven, sealed CO₂ laser in the pre-aligned Quick Change Cartridge™.

Available Accessories Rotary fixture, cutting table, lens kits, coaxial air assist with optics protection, USB connection kit and ethernet connection kit. The M-300 is not compatible with dual head or computer controlled air assist.

Focusing Optic Standard 2.0" (50mm) focal length lens in enclosed lens cartridge; optional lenses available.

Power Control Digital power control continuously variable from 0 to 100%, automatic proportional pulsing and color linked power settings.

Work Area 24" x 12" (609 x 304mm)

Table Size 29" x 17" (736 x 431mm)

Maximum Part Size 29" wide x 17" deep x 9" thick (736 x 431 x 228mm)

Computer Interface Parallel port standard. USB and ethernet optional. Compatible with Windows™ 95/98/2000/XP and Macintosh OS9.

Memory Buffer Intelligent buffer with automatic data compression stores up to 99 files with all settings; files are addressable and repeatable in any order and may be deleted after completion to free memory; buffer can be switched to single file mode.

Display Panel LCD display shows current file name, laser power, engraving speed, run time, files loaded into memory buffer, setup and diagnostic menus.

Operating Modes Optimized landscape or portrait modes with raster or vector engraving, vector cutting or combined vector/raster processes.

Dimensions 38" high x 36" wide x 30" deep (965 x 914 x 757mm)

Weight Approximately 235 pounds (106kg).

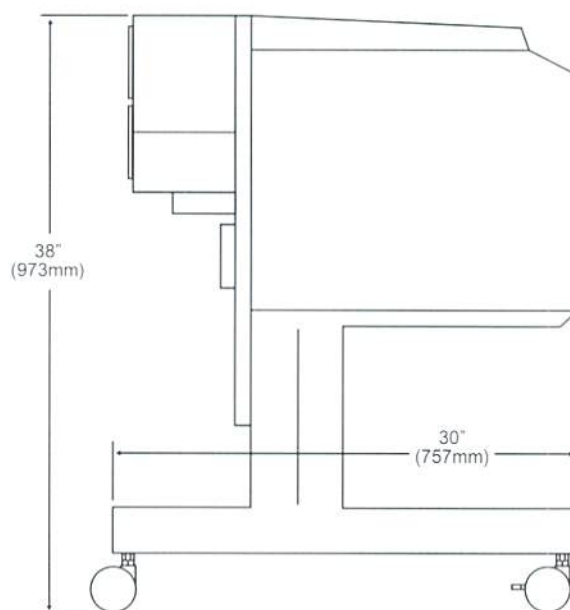
Safety Class 1 safety enclosure for CO₂ laser beam. Class IIIa for red laser pointer.

FACILITY REQUIREMENTS

Electrical Single phase 110 VAC, 15 amp, 50/60 Hz
Single phase 220 VAC, 8 amp, 50/60 Hz

Exhaust Outside exhaust required. One 4" (102mm) connection requiring 250 CFM air flow and high pressure blower capable of 6 inches of water (425m³/hr at 1.5kPa).

Cooling Air-cooled, ambient operating range of 50°-95°F (10°-35°C).



UNIVERSAL
LASER SYSTEMS INC.

16008 North 81st Street Scottsdale, Arizona 85260 USA
Voice: 800-859-7033 or 480-483-1214
Fax: 480-483-5620 Web: www.ulsinc.com