

# V-460 LASER PLATFORM



## AN EXCELLENT BLEND OF SIZE AND CAPABILITY

- *Versatile and Efficient*
- *24" x 18" Work Area*
- *Patented Cross-Platform Compatibility With All ULS Air-Cooled Quick Change Laser Cartridges™*
- *Patented 25-60 Watt Rapid Reconfiguration Capability™*
- *RACER™ Motion Technology for Fast Job Processing*
- *A Complete Selection of Productivity Accessories*

**UNIVERSAL**  
LASER SYSTEMS INC.

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# V-460 LASER PLATFORM

## SPECIFICATIONS

**Design** Free-standing unit with integrated cart, motorized Z-axis, auto focus, X-Y beam positioning system with RACER™ motion technology, self-adjusting spring loaded sealed bearings, stationary processing table, Quick Change Laser Cartridge™ compatibility, shielded optics, 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, -50, -55 or -60 watt air-cooled, RF driven, sealed CO<sub>2</sub> laser in the pre-aligned Quick Change Cartridge™.

**Available Accessories** Rotary fixture, cutting table, lens kits, coaxial air assist with optics protection, dual head, USB connection kit and ethernet connection kit.

**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 18" (609 x 457mm)

**Table Size** 29" x 23" (736 x 584mm)

**Maximum Part Size** 29" wide x 23" deep x 9" thick (736 x 584 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** 39" high x 36" wide x 36.5" deep (990 x 914 x 927mm)

**Weight** Approximately 270 pounds (122kg)

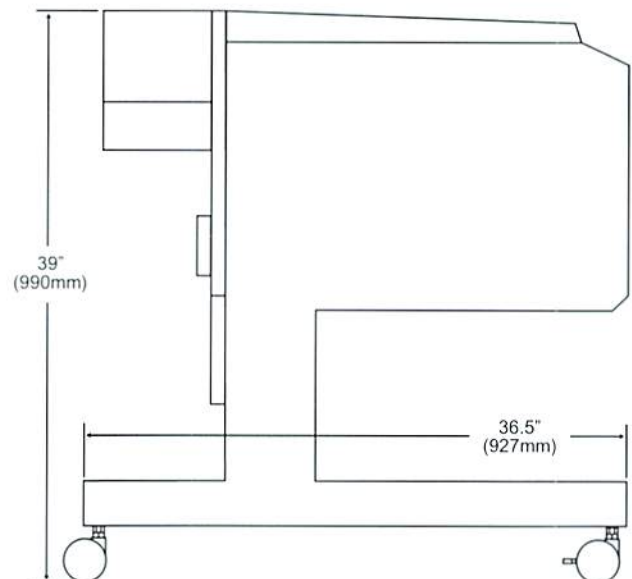
**Safety** Class 1 safety enclosure for CO<sub>2</sub> laser beam. Class IIIa for red laser pointer.

## FACILITY REQUIREMENTS

**Electrical** Single phase 110 VAC, 10 amp, 50/60 Hz  
Single phase 220 VAC, 5 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 (425m<sup>3</sup>/hr at 1.5kPa).

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



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