

X2-SUPERSPEED PLATFORM



THE ULTIMATE IN SPEED & FLEXIBILITY

- *Patented, SuperSpeed Technology™ for Simultaneous Multi-Line Laser Engraving or Combined-Beam Cutting*
- *Large Format Work Area*
- *Patented Integrated Computer-Controlled Beam Combiner™ for User-Selectable Laser Power Density*
- *Patented Cross-Platform Compatibility With All ULS Air-Cooled Quick Change Laser Cartridges™*
- *Patented 25-120 Watt Rapid Reconfiguration Capability™*
- *RACER™ Motion Technology*
- *A Complete 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

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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, Computer-Controlled Multi-beam Combiner™, 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 CO₂ laser(s) in the pre-aligned Quick Change Cartridge™ accommodates up to two laser cartridges of equal power.

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.

SuperSpeed™ SuperSpeed feature splits the combined laser beam into two side-by-side beams to engrave two lines of an image simultaneously and automatically recombines beams for maximum depth vector cutting or engraving, dramatically increasing productivity.

Work Area 32" x 18" (812 x 457mm)

Table Size 37" x 23" (940 x 584mm)

Maximum Part Size 37" wide x 23" deep x 9" thick (940 x 584 x 228mm)

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

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 SuperSpeed mode or combined beam landscape/portrait mode with raster or vector engraving and vector cutting.

Dimensions 39" high x 44" wide x 37.5" deep (990 x 1117 x 952mm)

Weight Approximately 345 pounds (156kg)

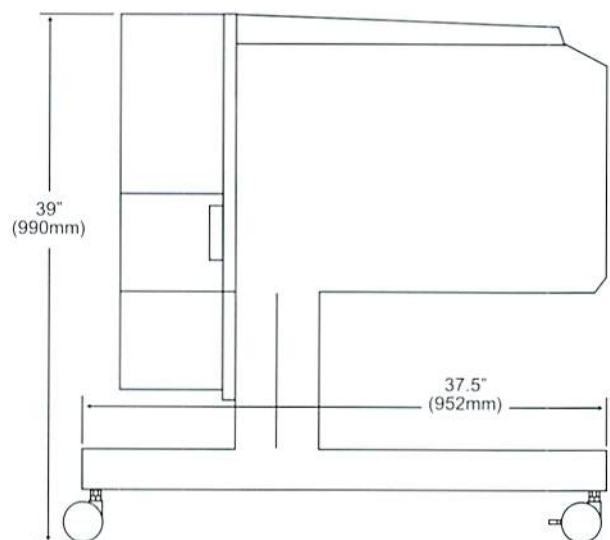
Safety Class 1 safety enclosure for CO₂ laser beam. Class IIIa for red laser pointer.

FACILITY REQUIREMENTS

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

Exhaust Outside exhaust required. Two 4" (102mm) connections requiring 500 CFM total (250 at each connection) air flow and high pressure blower capable of 6 inches of water (425m³/hr at 1.5kPa each connection).

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



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