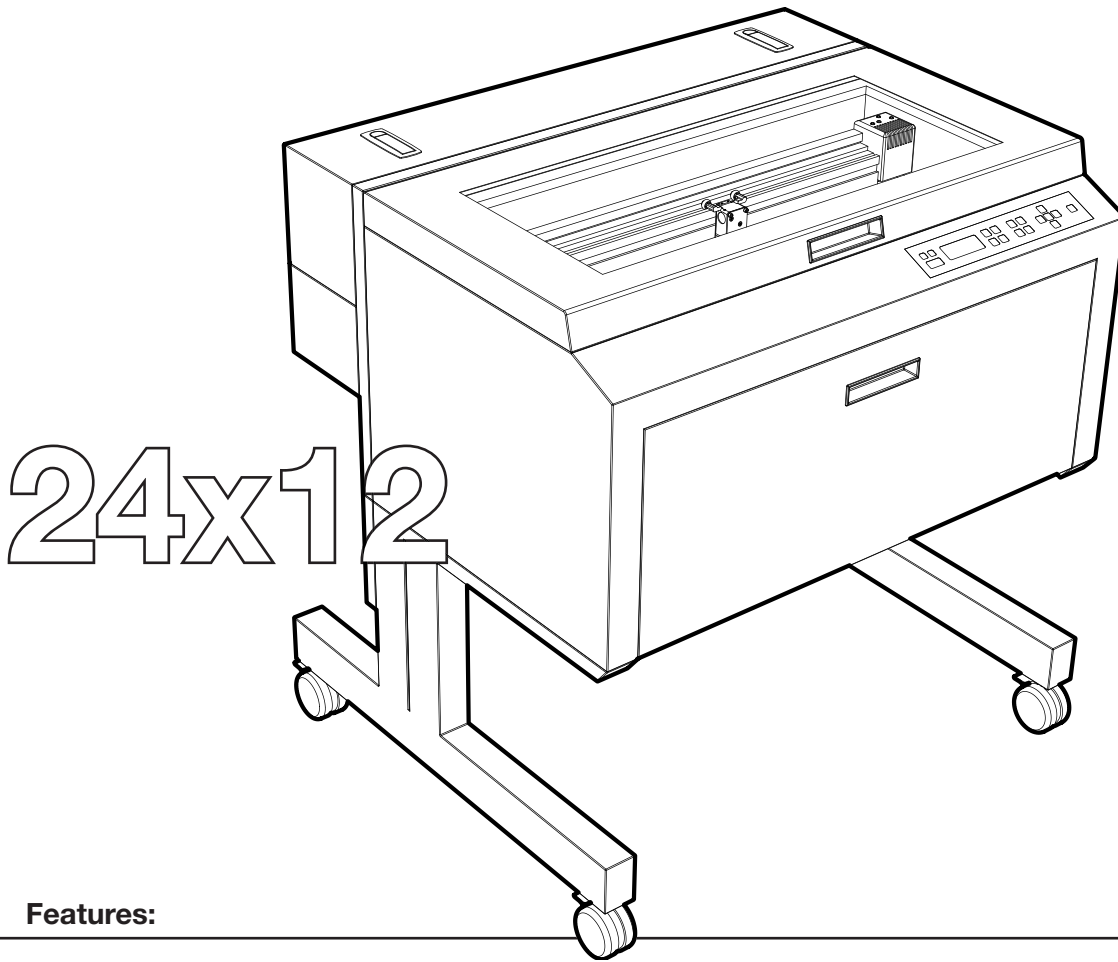


Value Series



Features:

M-300 ≡

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 upgradeable electronics, job complete indicator, system status indicator, relocatable origin, enhanced vector cutting, 3D engraving and rubber stamp mode.

- 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
- Appropriate selection of productivity accessories

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Specifications: M-300**Facility Requirements**

9.3.04

Laser Compatibility	UL-25, -30, -35, -40, -45, or -50 watt air-cooled, RF driven, sealed CO ₂ laser in the pre-aligned Quick Change Cartridge™.
Available Accessories	Rotary fixture, cutting table, lens kits, co-axial 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 Optics	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® 2000/XP and Macintosh OS®9.
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 raster or vector engraving, vector cutting or combined vector/raster process.
Dimensions	38" high x 36" wide x 30" deep (965 x 914 x 762mm)
Weight	Approximately 235 lbs (106kg)
Safety	Meets CDRH and EN60825-1 requirements for Class 1 laser safety enclosure for CO ₂ laser and Class 3R for red pointer.

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 at a static pressure of 6 inches of water (425m ³ /hr at 1.5kPa).
Cooling	Air-cooled, ambient operating range of 50°-95°F (10°-35°C).



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