

Specification

Mercury II		M-12	M-25	M-40	M-60
Laser Source		12W	25W	40W	60W
		Sealed CO ₂ Laser			
Cooling		Air-cooled, Operating environment temperature 15°-30° C (60° - 86° F)			
Work Area		25 x 18 in. (635 x 458 mm)			
Max. Part Size (W x L x H)	All doors closed	31.5 x 22.4 x 6.5 in. (800 x 570 x 165 mm)			
	All doors open	26.8 x ∞ x 6.5 in. (680 x ∞ x 165 mm)			
Table Size		31.1 x 20.9 in. (790 x 530 mm)			
Dimensions (W x D x H)		44.3 x 28.3 x 39.6 in. (1125 x 720 x 1005 mm)			
Drive		Closed-loop DC Servo Control			
Maximum Speed *		42 IPS			
Throughput *		166.3 in ² / hr (1072.8 cm ² / hr)			
Speed Control		Adjustable from 0.1~100% (Up to 16 color-linked speed settings per job)			
Power Control		Adjustable from 0~100% (Up to 16 color-linked power settings per job)			
Distance Accuracy		0.254 mm or 0.1% of move, whichever is greater			
Z-Axis Movement		Automatic			
Focus Lens		Standard 2.0", optional 1.5", 2.5", & 4.0" available			
Resolution (DPI)		Available 200, 250, 300, 600, 600, 1000			
Computer Interface		Standard printer port and USB port			
Compatible Operating Systems		MS Windows			
Memory Buffer		32MB standard			
Display Panel		4-line LCD panel showing current file name, total working time, laser power, engraving speed, file(s) loaded into memory buffer, setup and diagnostic menus			
Safety		Class 3R for red pointer			
Standard Feature					
Auto Focus		✓			
Red Dot Pointer		✓			
Pass Through Doors		✓			
3D and Stamp Mode		✓			
Facility Requirements					
Electrical		Below 40 Watt, 100~240 Volt AC Auto Switching; 40 Watt and above, 200~240 Volt AC Auto Switching			
Power Consumption		700W	880W	2000W	2200W
Air Exhaust System		External exhaust system required, one 4" connection on the back of the machine.			

*Speed is not equal to throughput. See dealer or visit www.laserpro.com for more details.

Optional Items



Dual Head Rotary Attachment Air Extraction System Honeycomb Table

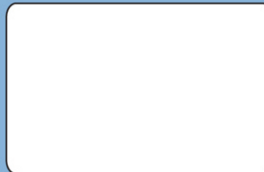
Applications



SmartBox SmartAIR® Fine Nozzle 3D-Engraving Glass Engraving Signage Engraving



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LaserPro®
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- Popular entry-level laser engraver with stable and satisfactory laser output
- 25" x 18" (635 mm x 458 mm) work area
- Flexible multiple job selection
- Low maintenance motion system
- Wide range laser source selection from 12W to 60W
- Pass-through front and rear doors to accommodate extremely long working pieces
- LaserPro DirectPrint MAC AI Plug-In available for use with MAC OS



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Laser Engraver