

MIRACLE Mirror Laser Engraver

THE SEAL OF ASSURANCE



The MIRACLE-48 is a CNC fiber laser engraver built for mirrors and glass, using a 120 W, 1064 nm source on a 1220 by 2450 mm table. It frosts mirror surfaces in a single pass and produces fine detail down to a 0.01 mm line width, with designs that glow when backlit by LED. Rack and pinion axes on servo drives give repositioning accuracy of +/- 0.03 mm at marking speeds up to 7000 mm/s.

SPECIFICATIONS

Model	MIRACLE-48	Laser source	Fiber laser
Laser power	120 W	Wavelength	1064 nm
Table working area	1220 x 2450 mm	Marking speed	up to 7000 mm/s
Minimum line width	0.01 mm	Repositioning accuracy	+/- 0.03 mm
Z-axis movement	Auto, up to 300 mm	Drive system	Japanese servo motor
X and Y movement	Rack and pinion	Cooling	Water cooling
Operating system	Windows 7/8/10 (32/64 bit)	Interfaces	USB, Ethernet, U-disk
File formats	PLT, DXF, DWG	Power consumption	3.5 kW
Working voltage	AC 220V +/- 10%, 50/60 Hz		

APPLICATIONS

LED mirror design and backlit engraving · Decorative mirror frosting and etching · Logo and pattern marking on glass · Customized signage glass · Artistic and architectural mirror work

INDUSTRIES

Mirror and decorative glass · Interior design and furniture · Signage and branding · Architectural glass · Glass processing and fabrication

ENQUIRE

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Base
ANC Free Zone, Ajman, UAE

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Ask for a quote or full spec