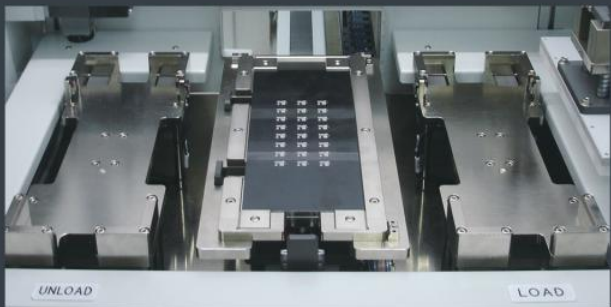


Aluminum plate



Built-in change kit



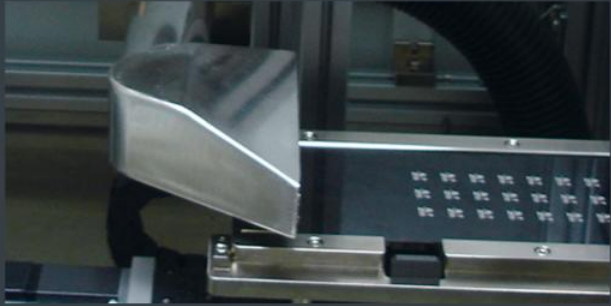
Vacuum suction



Laser



Exhaust fan



LASER MARKING CF-ML40

Automatic Laser Engraving Machine
Adopts Diode Pumped 15W, Single Head Air Cooling and Scanning head with F theta lens f=254mm.

Automatic Loading and unloading module
Able to load 20 aluminum plates. Can engrave continuously.

The motor control system
Adopts servo control, and it can set the multi-point positioning arbitrarily with input parameters by the system program.

The dust collection mechanism
Can be connected to the factory vacuum system or use high power vacuum equipment.

Windows 7 operating system and the original engraving software
Can input DWG, DXF, PLT, BMP and other vector image files.

The PC control system
Built-in Chinese and English operation interface. It is easy and flexible to operate.

Barcode Reader (optional)
Imports data to network connection systems automatically.



Handler

Items	Specification Descriptions
Machine Dimension	1200(W) x 800(D) x 1650(H) mm
Machine Weight	200 kg
Accuracy	± 0.02 mm
Plate Type	Aluminum plate
Plate Size	4x10 / 2x12 / 4x12 inch
Facility Consumption	200~240V; 1φ3W; 50/60Hz; 20A

Laser

Items	Specification Descriptions
Type	DPE-15 Diode Pumped Single Head
Scanning Head with F Theta Lens	F = 254 mm
CW Out Power	15 W
Wavelength	1064 nm
Beam Quality	m ² < 1.2
Stability	< 2 %
Modulation	20~80KHz
Pulse Width	8~40 ns
Peak Power	25~200 KW/10KHz
Marking Speed	600~1000 letter/second
Min Line	0.06 mm
Position Resolution	< 10 urad
Marking Field	50~500 mm
Power Supply	220V; 1φ; 50/60Hz
Heat Exchange	Air cool
Engraver Software	SAMLight