

CO₂
LASER MARKING



India's First Registered Laser Machine Manufacturer

SIL[®]
expertise. innovation. excellence.

CO₂ Laser Marking Machine



CO₂ Laser Galvo Head



CO₂ Laser Galvo Lens



CO₂ Laser Marking Machine



CO₂ Laser Marking Machine Customizable



CO ₂ Laser Marking Specifications				
SPECS/MODEL	M - 10	M - 30	M - 50	M - 100
Max Laser Power	10W	30W	50W	100W
Laser Wavelength	10.6 μm	10.6 μm	10.6 μm	10.6 μm
Laser Repetitive Rate	≤ 20 KHz	≤ 20 KHz	≤ 20 KHz	≤ 20 KHz
Marking Range	100 x 100 mm~300 x 300 mm			
Marking Depth	≤2 mm	≤3 mm	≤5 mm	≤8 mm
Linear Speed	≤ 7000 mm/s	≤ 7000 mm/s	≤ 7000 mm/s	≤ 7000 mm/s
Min. Character	0.20 mm	0.40 mm	0.40 mm	0.40 mm
Minimum Linear Width	0.05 mm	0.10 mm	0.15 mm	0.15 mm
Repeatability	±0.01 mm	±0.01 mm	±0.01 mm	±0.01 mm
Power Consumption	800 W	1.2 KW	2 KW	4 KW
Electricity Requirements	220V/50Hz/3.5A	220V/50Hz/8A	220V/50Hz/11A	220V/50Hz/20A
System Dimensions	1170x540x1180	1170x540x1180	1170x540x1180	1170x540x1180

Samples:



Galvo CO ₂ Laser Marking Specifications	
SPECS/MODEL	C - 100/C - 150 / C - 250
Laser type	CO ₂ RF metal laser tube
Laser power	100W / 150W / 250W
Working area	600 x 600mm
Working table	Feeder Zn-Fe alloy honeycomb working table
Working speed	Adjustable
Positioning Accuracy	±0.1mm
Motion system	Offline 3-D dynamic galvanometer motion control system, LCD screen
Cooling system	Constant temperature water chiller
Power supply	AC220V ±5% 50/60Hz / AC415V ±5% 50/60Hz
Format supported	AI, BMP, PLT, DXF, DST etc
Standard collocation	2 sets of 1100W exhaust fans, foot switch, Red light positioning system

OUR GLOBAL REACH



OUR PRODUCT RANGE:

Laser Metal Cutting Machine, Robotic Laser Metal Cutting & Welding Machine, Laser Metal Tube Cutting Machine, Laser Precision Cutting Machine, Laser Welding Machine, Laser Cleaning Machine, Laser Cladding Machine, Laser Marking Machine, Laser Engraving Machine, CNC Router Machine.

CORPORATE OFFICE

Plot No. 117 & 118, Lane - 7, Ramtekdi Industrial Area,
Hadapsar, Pune - 411013, Maharashtra, India.
Tel.: 020-26879001 / 2 / 3 | sales@silasers.com



Download Catalogue

silasers.com

India's First Registered Laser Machine Manufacturing Company.