

CO₂ LASER

Online Flying Co₂ Laser Marking Machine >>



>> Product Description

MRJ series of non metal laser marking machine is controlled by computer, using a laser beam focused by 10.64m beam expansion, finally, by controlling the deflection of the galvanometer, according to the preset trajectory on the surface of the work surface to achieve gasification engraving effect .

Our production of non-metallic laser marking machine beam mode, the system performance is stable, maintenance free, suitable for large quantities, many varieties, high speed and high precision continuous production of industrial processing field.

>> System Features

- Imported laser High-speed
Specially designed for the industrial production of industrial grade laser, faster marking speed, improve the core competitiveness of laser processing station.
- Imported scanning head High-stability
Advanced digital technology imported scanning head, to ensure that 24 hours to meet the needs of continuous and efficient continuous production of laser processing.
- Imported optical device High-accuracy
More fine spot size, more uniform optical quality, can be carved figures, bar code, serial number, random number, graphics, trademarks, photographs and other arbitrary graphics.
- Excellent advantage, detail design, excellent everywhere

>> Parameters

Model Number	MRJ-CO2-10F	MRJ-CO2-30F	MRJ-CO2-50F	MRJ-CO2-50S	MRJ-CO2-100S
Laser Power	10W	30W	50W	50W	100W
Cooling Mode	Air Cooling	Air Cooling	Air Cooling	Water Cooling	Water Cooling
Laser Wavelength	10640nm	10640nm	10640nm	10640nm	10640nm
Marking Area	70*70-350*350(Optional)				
Marking Depth	≤ 2mm Tunable	≤ 3mm Tunable	≤ 3mm Tunable	≤ 5mm Tunable	≤ 8mm Tunable
Marking Speed	≤ 7m/s	≤ 7m/s	≤ 7m/s	≤ 7m/s	≤ 7m/s
Min Line Width	0.03mm	0.03mm	0.03mm	0.03mm	0.03mm
Min Character Size	0.2mm	0.2mm	0.2mm	0.2mm	0.2mm
Working Accuracy	± 0.01mm	± 0.01mm	± 0.01mm	± 0.01mm	± 0.01mm
Whole Power	0.5KW	1.0KW	1.2KW	1.6KW	3.3KW
Power Demand	220V/50Hz/10A	220V/50Hz/10A	220V/50Hz/10A	220V/50Hz/10A	220V/50Hz/10A

>> Application

Widely used in wood, clothing, shoes, advertising, tobacco, pharmaceutical and other industries. The suitable materials can carve all kinds of non-metallic materials and metal materials, widely used in paper, PVC, rubber, wood, ceramic, glass, plastic, leather, cloth and other materials for laser marking surface.

>> Samples

