

## JQ-30 CO<sub>2</sub> Laser Marking Machine



### Machine Introductions

CO<sub>2</sub> laser marking machine is specially developed for non-metals marking industry by JQ Laser Company. This machine was equipped with original American RF and high-speed galvanometer' the speed is extremely fast and the precision is very high. The machine performance is steady and can continuously working 12 hours. The optical system is fully sealed, it can prevent the dust enters laser body and reduces the equipment failure rate.

### Machine Characters

- + High precision and fast speed. Marking depth is controllable optionally.
- + Wide application. It can mark most non-metals.
- + No consumption and pollution.
- + The marking lines are clear, it can withstands heavy wearing.
- + Chinese and English software are optional. It works in Windows environment and it is compatible with many file formats, for instance, PLT, PCW, DXF, BMP and others saved by CORELDRAW, AUTOCAD, PHOTOSHOP and other softwares. Meanwhile, SHX and TTF can be imported into the software directly.

## Applicable Materials

Most non-metals, for example, leather, wood, textil, leather, plastic, rubber, wood products, dual-color board, organic glass, paper, jade, agate, etc.

## Applicable Industries

Tobacco, food and beverages, wines, medical packing  
advertisement, arts and crafts, glass, printing, ornament, jewelry,etc.

## Technician Parameters

	This Model	Optional Models	
Type	JQ- CO <sub>2</sub> -30W	JQ- CO <sub>2</sub> -10W	JQ- CO <sub>2</sub> -50W
Laser Power	30W	10W	50W
Cooling Model	Air cooling	Air cooling	Air cooling
Laser Wavelength	10640nm	10640nm	10640nm
Marking Area	50mm*50mm --- 300mm*300mm ( Optional )		
Engraving Depth	≈3mm	≈2mm	≈5mm
	The depth is adjustable according to different materials.		
Linear Speed	≈7000mm/s	≈7000mm/s	≈7000mm/s
Min. Line Width	0.03mm	0.03mm	0.03mm
Min. Letter	0.2mm	0.2mm	0.2mm
Repeatable Accuracy	±0.01mm	±0.01mm	±0.01mm
Gross Power	1.0KW	0.5KW	1.2KW
Electricity Source	220V/50Hz/10A	220V/50Hz/10A	220V/50Hz/10A



Up-down worktable



Worktable



Original American Metal Laser Device



Control System



Foot switch

