



# Co2 LASER MARKING MACHINE

EVAN- 30C / 60C / 80C

EVAN

## Features

- ☑ Marking on non metal products
- ☑ Marking on some non metals like PVC, Paper ABS, etc...
- ☑ Bar code / Data Matrix Marking
- ☑ Serial Number Marking
- ☑ Bitmap (Graphics) marking
- ☑ High quality gray scale marking.
- ☑ Long using time : the average using time more than 45000 hours.
- ☑ Good stability and free maintenance: No need to do maintenance for laser device.
- ☑ Stable performance, small size, low power consumption.
- ☑ The operating system is flexible and convenient.
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- ☑ High speed marking (MHz repetition rate).
- ☑ First and last pulse equally useable.
- ☑ High repeatability/stability design.
- ☑ Status monitoring and safe shut down.
- ☑ Excellent beam quality, high stability output easy to debug the marking effect.
- ☑ High electro-optical conversion efficiency, long useful period.



EVAN laser provides a fast, flexible and efficient way to permanently mark a wide variety of materials such as Leather, Paper, Ceramics, Wood etc.

## Applications

- ☑ Marking anodize & painted material
- ☑ Serial Numbers
- ☑ Manufactures Information
- ☑ Barcodes
- ☑ Logos
- ☑ Packaging
- ☑ Medical Device
- ☑ Data Codes
- ☑ 2D Data Matrix
- ☑ Graphics



Rotary Attachment for Cylindrical Marking



For Online Marking



## Specification

Model	Evan-30C	Evan-60C	Evan-80C
Output Power	30W	60W	80W
Wavelength	10.64 $\mu\text{m}$ (Optional 10.2 $\mu\text{m}$ / 9.3 $\mu\text{m}$ )		
Power Adjustment	0 to 100 %		
Cooling	Air Cooled / Water Cooled		
Min. Line Width	Min. 0.1 mm (Depend on Material)		
Max. Speed	Max. 10000 mm/s (Max. Linear Speed)		
Min Character Height	0.4 mm		
Marking Range(mm/s)	145 mm X 145 mm (Standard) Optional : 100 x 100 mm, 200 x 200 mm		
Supporting Format	Support PLT, DXF, BMP File etc., Using SHX TTF Character Storage Directly		
Repeatability	<20 $\mu\text{rad}$		
Output Power Stability	<3%		
Max Power Consumption	1 KW	2.5 KW	3.5 KW

Specifications are liable to change without prior notice.  
Computer system will not be provided with the machine.



Invisible laser radiation avoid eye or skin exposure to direct or scattered radiation.



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