FIBER LASER MARKING MACHINE

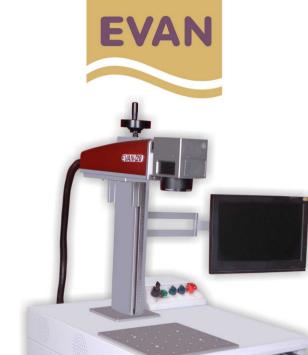## EVAN-10/20/30/50/100

EVAN

Features

- ☑ First and last pulse equally useable
- ☑ Bitmap marking compatible
- ☑ High repeatability/stability design
- ☑ Status monitoring and safe shut down
- ☑ High speed marking (MHz repetition rate)
- ☑ Long using time : the average using time more than 100000 hours
- ☑ Good stability and free maintenance : No need to maintenance for laser advice
- ☑ High quality gray scale marking

EVAN laser provides a fast, flexible and efficient way to permanently mark a wide variety of materials such as Metals, Plastics, Ceramics, Silicon etc.

Application

- ☑ Auto Parts
- ☑ Hardware
- ☑ Watch & Clock
- ☑ Marking anodized & painted material
- ☑ Serial Numbers
- ☑ Manufactures Information
- ☑ Barcodes
- ☑ Logos
- ☑ Packaging
- ☑ Solar Industry
- ☑ Medical Device
- ☑ Marking Metal & Plastics
- ☑ Data Codes
- ☑ Materials Flow
- ☑ 2D Data Matrix
- ☑ Graphics

With Safety Enclosure   Rotary Attachment for Cylindrical Marking   Hand Held Equipment   For Online Marking

Highlights

- ☑ High Peak Power
- ☑ Excellent Beam Quality
- ☑ Dynamic Pulse Shape Control
- ☑ Proved Reliability
- ☑ Maintenance Free Operation

ZQA

ASCB Accreditation Services Worldwide

ISO 9001 Certified

Advantages

Fiber lasers are up to ten times more efficient than traditional YAG or CO_2 laser systems. Consuming little to no energy when not active, the annual energy saving can attract government grant funded energy efficiency programs for industry.

Fiber lasers have no optic to adjust or align, and no lamp to replace. Maintenance is minimal and so utilization and up-times are maximized. The lasers really are designed as shop floor industrial tools.

FIBER LASER SOURCE

Specification

Model	Evan-10	Evan-20	Evan-30	Evan-50	Evan-100
Output Power	10 W	20 W	30 W	50 W	100 W
Wavelength	1064 nm				
Power Adjustment	0 to 100 %				
Cooling	Air Cooled				
Min. Line Width	Min. 0.03 mm (Depend on Material)				
Max. Speed	Max. 10000 mm/s (Max. Linear Speed)				
Marking Depth	0.01~0.3mm (Depends on Material)				
Min Character Height	0.5 mm				
Marking Range	145 mm X 145 mm(Standard) Optional : 175 X 175 mm & 300 X 300 mm				
Supporting Format	Support PLT, DXF, BMP File etc., Using SHX TTF Character Storage Directly				
Single Pulse Energy (mj)	0.5@20KHz	1.0@20KHz	1.0@30KHz	1.0@50 KHz	2.0@50 KHz
Repetition Frequency Range	20-80 KHz	20-80 KHz	30-80 KHz	50-100 KHz	50-100 KHz
Output Power Stability	<3%				
Beam Quality(M^2)	<1.5		<1.8		<2.0
Pulse Width(ns)	<100@20 KHz		<130@20 KHz		<200@50 KHz
Power Supply	AC 220 Volt				
Max Power Consumption	120 Watt	200 Watt	250 Watt	300 Watt	500 Watt

Specifications are liable to change without prior notice.
Computer system will not be provided with the machine.
Total machine power consumption is 1KW.

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

For Immediate Assistance, Contact on **092279 85746, 092276 78044**   ✉ mktg@mehtaindia.com   🖱 www.mehtaindia.com

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