

## FIBER LASER MARKING MACHINE



## FEATURES

- DML Fiber laser marking can be used for marking on metallic as well as non metallic material.
- DML Fiber Laser Marking Machine has high speed, low operational cost, high quality and durable results. Can be Used for any kind of automation & for mass production.
- The process of marking is non contact type, very clean process & dose not cause physical stresses.
- As compared to conventional method of marking this process virtually dose not require any consumables.
- DML fiber laser marking machines includes motorized z-axis system, optional rotary axis.
- DML fiber laser marking machines are maintenance free.
- It includes German marking software which is very user friendly.

## APPLICATION

DML fiber laser marking are mostly used in automotive, electrical, tools & tooling, medical, surgical, Jewellery & fashion accessories, kitchenware & bath fittings for marking alphanumeric, serial nos, part nos, date codes, different logos, complex graphics, images & pictures also bar code marking, 2D data matrix codes.



## TECHNICAL SPECIFICATION

MODEL NO.	DML-M10	DML-M20	DML-M30	DML-M40
Laser Source	Pulsed Fiber Laser			
Wave Length	1064 nm			
Average Power	12 watt	20 watt	30 watt	40 watt
Peak Power	>9 kw	>12 kw	>15 kw	>20 kw
Pulse Energy	0.6 mj	0.8 mj	1 mj	1.5 mj
Laser Frequency	20~100KHz	20~200KHz	20~200KHz	20~200KHz
Output Power Stability	<3%	<3%	<2%	<2%
Max Marking Speed	7000 mm/s			
Cooling	Air Cooled			
Running Environment	10~45°C, Humidity 10% - 49%			
Z Axis Movement	Motorized			
Minimum Letter Size	0.5 mm (English Font)			
Graphic File Support	PLT,CDR,AI,DXF,DST,BMP,JPEG,TIFF, DWG, PCX etc.			
Marking Field	70 x 70mm, 100 x 100mm, 180 x 180mm, 300 x 300mm			
Pilot Laser	Red Beam Laser Diode			
Rotary Axis	Optional			
Supporting Format	Graphics, Text, 2D Bar code, Date Code, Serial Number, Auto Data Generation, File Link			
Electrical	230VAC, 50~60Hz			

## SAMPLES



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