



EMERSION INDUSTRIES



YOUR PARTNER FOR
METAL MARKING SOLUTION



+91 97255 07575



info@emersion.in



www.emersion.in

TECHNICAL SPECIFICATION

MODEL					
Output Power	10W	20W	30W	50W	100W
Wavelength	1064 nm				
Power Adjustment	0 to 100%				
Cooling	Air Cooled				
Min. Line Width	Min. 0.03 mm (Depend on Material)				
Max. Speed	Max. 12000 mm/s (Max. Linear Speed)				
Marking Depth	0.01- 0.3 mm (Depends on Material)				
Min Character Height	0.5 mm				
Marking Range	100*100mm* (Standard) Optional 145*145mm*, 175*175 mm & 300*300mm				
Supporting Format	Support PLT , DXF , BMP File etc, Using SHX TTF Character Storage Directly				
Single Pulse Energy (mj)	0.5 to 20KHz	1 to 20KHz	1 to 30KHz	1 to 50KHz	2.0 to 50KHz
Repetition Frequency Range	20-80 KHz	20-80 KHz	30-80 KHz	50-100KHz	50-100 KHz
Output Power Stability	<3%				
Beam Quality (M2)	< 1.5		< 1.8		< 2.0
Pulse Width (ns)	<100 to 20 KHz		< 130 to 20 KHz		< 200 to 50 Khz
Power Supply	Single Phase 220VAC				
Max Power Consumption	120 Watt	200 Watt	250 Watt	300 Watt	500 Watt

VALUES WE OWN

- Decade of Tradition
- Respect to Customers
- Product Durability
- Trusted Ethics
- Genuine Guidance On Product
- Satisfactory service

COMPETENCIES

- Conveyorised marking systems
- Rotary marking system
- Gantry Loaded automated Marking system
- Tier - 2 Supplier Integration
- Application specific marking system
- Auto Z axis option
- Integrated machine vision & Code Grading System

LASER MARKER FEATURES

- Non contact marking
- Abrasion resistance
- Permanent Marking
- Clean & Safe Process
- Ideal for finished Product Marking
- Red Pointer for accurate & safe set-up
- Easy to automized & integrate with online Process.

SCOPE OF APPLICATION

- Automobile Industries
- Auto Ancillaries
- Engineering Industries
- Industrial Tooling
- Electrical & Electronic industries
- Jewellery
- Surgical Tools / Body Implants
- Bath Fitting
- Giftware Industries

PRODUCT RANGE



TABLE TOP MARKER



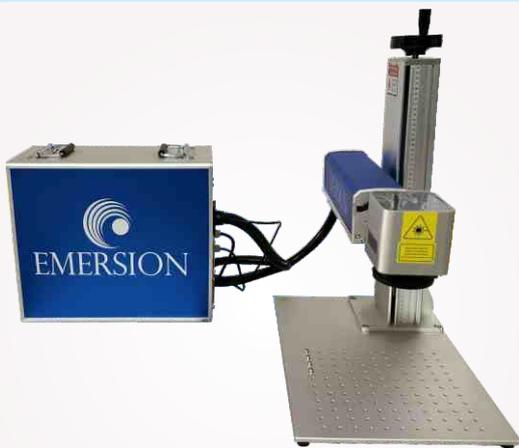
UV TABLE TOP



COMPACT MARKER



CO2



SPLIT MARKER



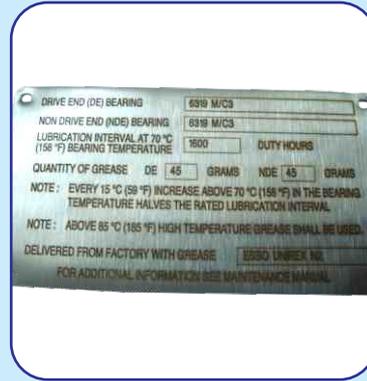
ON THE FLY MARKER

MARKED SAMPLES



Model	: 63 768-1018 10 000 LT	Sr. No	: 506109/A
G/B Power(P2)	: 250KW	Order No	: 506109/A
Input Speed(n1)	: 1687 RPM	Year of Mfg	: 506109/A
Output Speed(n2)	: 50 283.1	Weight(-)	: 1000 KGS
X Gap	: 50 283.1	Oil Type	: VG-320/T10 LTR
Y Gap	: 50 283.1	Oil Grade	: VG-320/T10 LTR
Flow Rate	: 50 283.1	Oil Qty(-)	: VG-320/T10 LTR

F LUBRICATION : Before starting, fill Oil up to dipstick/oil Indicat marking. Refer O & M Manual for oil change interval. See approved Lubricants leaflet for details.



Office & Factory :
 106, Vishala Platinum Industrial Estate,
 Nr. Vishala Gold Industrial Estate, S.P. Ring Road, Odhav,
 Ahmedabad - 382415 Gujarat - India

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