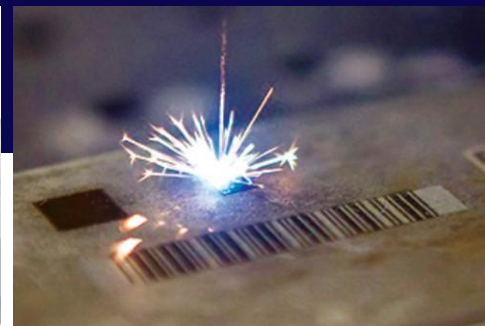


Indian Manufacturer Of Laser Machine

Fiber Laser marking Machine - Opto



3500 + SUCCESSFULL INSTALLATION ALL INDIA , USA, DUBAI, CANADA...

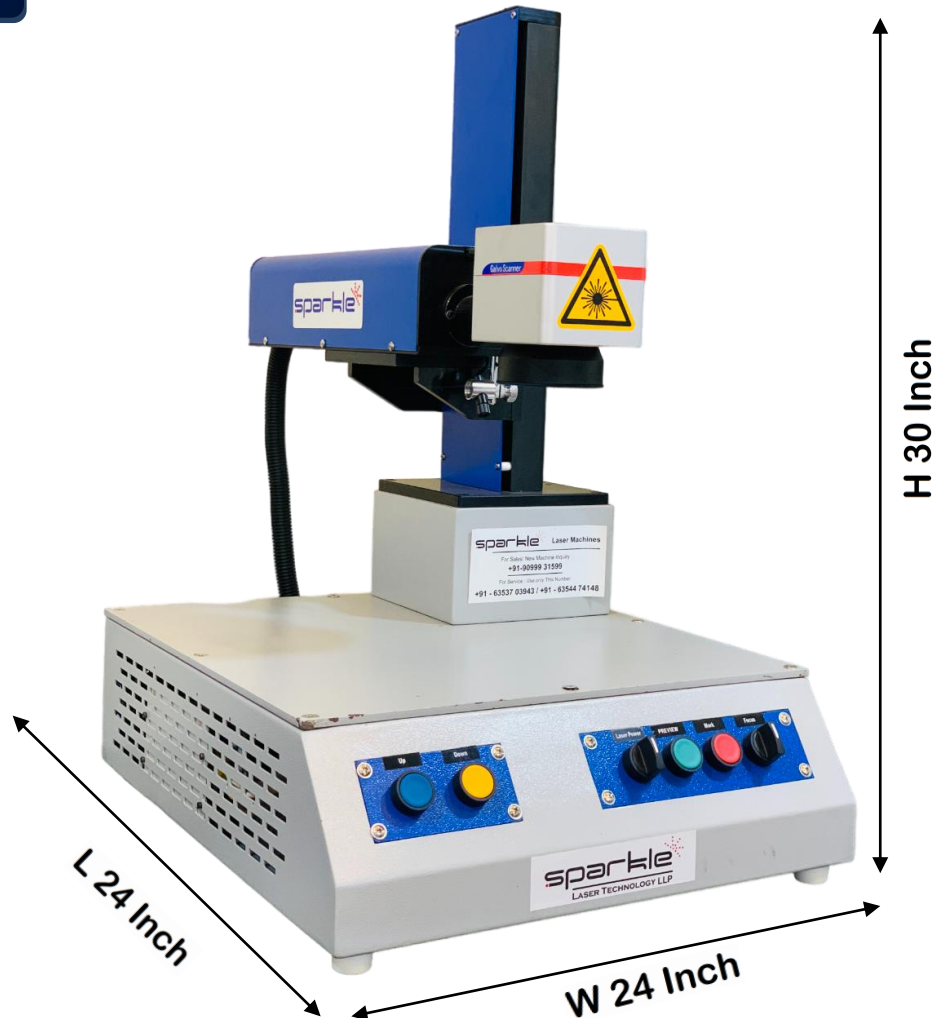


www.sparklelaser.com (Surat)

- Fiber Laser Marking / Engraving Machine For All Metal
- Metal Laser Cutting / Handheld Laser Welding Machine
- 3D Metal Laser Engraving / 3D Metal Die Engraving Machine
- C
- o
- 2 Laser Marking / Cutting Machine For All Non - Metal

Compact Size Laser Marking / Engraving Machine

Ozone

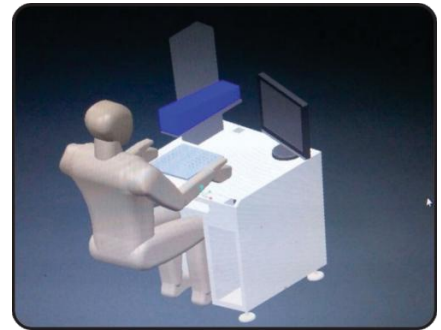


MOTORIZED HEAD UP - DOWN & FIXED WORK TABLE



Specification

Laser Type	Pulsed Fiber Laser
Average Output Power	20 / 30 / 50 / 100 W
Wavelength	1064 nm
Output Power Stability (Typical)	5%
Power Adjusting Range	1 ~ 100 %
Resolution Frequency	20-500 KHz
Beam Quality (M ²)	< 1.6
Output Beam Diameter (1/e ²)	6-9 mm
Max. Linear Speed	Max 12000 mm/s
Marking Depth	0.01 ~ 0.3 mm (Material Depended)
Min. Line Width	0.03 mm
Min. Character Height	0.2 mm
Repetition Accuracy	0.2 μ m



Operator Friendly Machine Design



Online Service Support

Electrical

Power Supply	220V / 50Hz Single Phase
Power Consumption	~ 400 W
Ambient Temperature Range	15° to 25° C
Cooling System	Air Cooling System

Applications

- ◆ Portable Machine Design With Compact Size.
- ◆ Production Report Integration.
- ◆ Status Monitoring And Safe Shutdown.
- ◆ Circumferential Markings (Mark Round Parts).
- ◆ Maintenance Free With Low Power Consumption (~ 500 W).
- ◆ Bar-Coding, 2d Data Matrix Codes, Lot Codes, Date Codes.
- ◆ Real Time Red Beam Preview Ensures Accurate Positioning.
- ◆ Compatible With Surface Marking, Engraving And Texturing.
- ◆ Support Customized Software And Automation Integration.
- ◆ Scribing Operations, Surface Annealing And Etching.
- ◆ Marking Alphanumeric, Serial Numbers And Part Numbers.
- ◆ Marking Of Logos, Schematics, Complex Graphics.
(PLT, SVG, DXF, DWG) And Pictures (BMP, JPEG, PNG).
- ◆ Auto Marking Functionality, Boundary & Round.

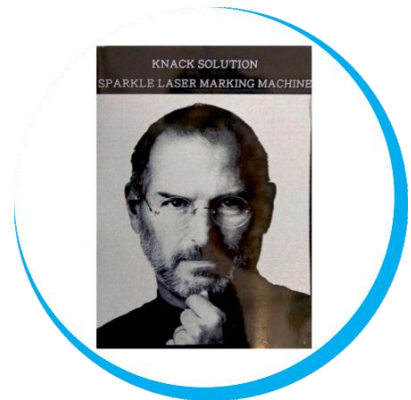
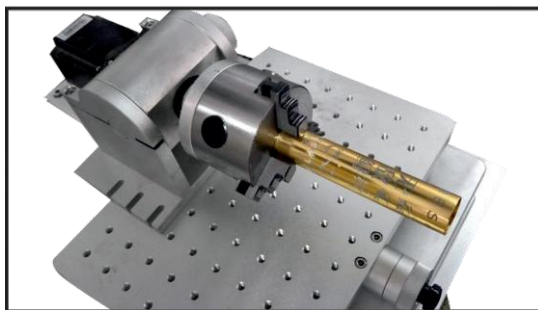


Image Marking

Customer Scope :-

AC Room would be recommended (25-30 degree)

1 KVA Online UPS System & 1 KVA Isolation Transformer

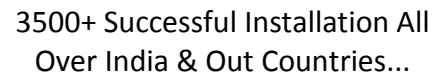


Rotary Attachment (Optional)

Applications



Aluminum, Stainless Steel, Titanium, Plastic, Alloy Steel, Bronze, Copper, Platinum And So On...



Plot No. 903 to 908 / Building No. 4,5,6
New G.I.D.C. Katargam,
Near Gajera school char Rasta, Surat, Gujarat, India..

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