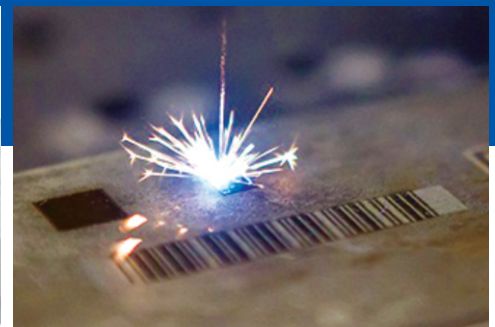


## INDIAN MANUFACTURER OF LASER MARKING MACHINES

### ROCK MOTORIZED UP DOWN



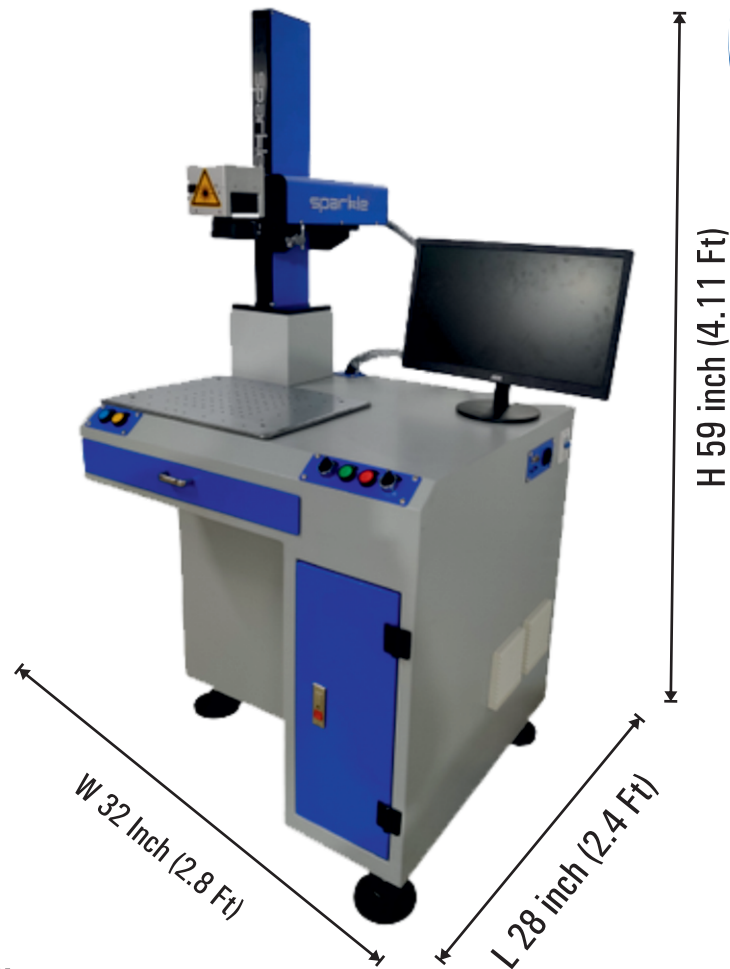
1800+ SUCCESSFULL INSTALLATION ALL OVER INDIA, USA, UK, CANADA, SOUTH AFRICA...



Fiber Laser Marking / Engraving Machine  
For All Metal & Plastic

## Laser Marking / Engraving Machine (with Computer System)

**Rock  
Motorized**



**Approx  
Weight 140 Kg.**

 **MOTORIZED HEAD UP - DOWN & FIXED WORK TABLE**

### APPLICATIONS



Aluminum, Stainless Steel, Brass, Titanium, Plastic, Alloy Steel, Bronze, Copper, Platinum and so on

## SPECIFICATION

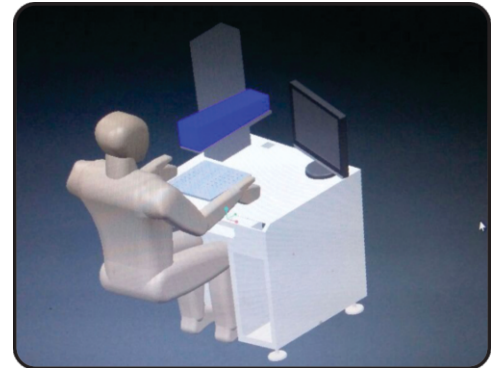
|                                          |                                   |
|------------------------------------------|-----------------------------------|
| Laser Type                               | Pulsed Fiber Laser                |
| Average Output Power                     | 20 / 30 / 50 / 100 W              |
| Wavelength                               | 1064 nm                           |
| Output Power Stability (Typical)         | 5%                                |
| Power Adjusting Range                    | 1 ~ 100 %                         |
| Resolution Frequency                     | 20-500 KHz                        |
| Beam Quality (M <sup>2</sup> )           | < 1.6                             |
| Output Beam Diameter (1/e <sup>2</sup> ) | 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 $\mu$ m                       |

## ELECTRICAL

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

## FEATURES

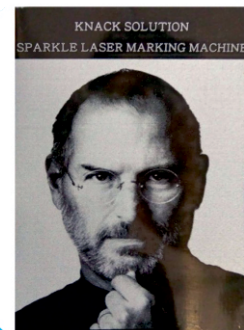
- Portable machine design with compact size
- Production Report Integration
- Status monitoring and safe shutdown
- Circumferential Markings (Mark Round Parts)
- Maintenance Free with low power consumption (~ 500 W)
- Bar-coding, 2D Data Matrix Codes, Lot Codes, Date Codes
- Real time red beam preview ensures accurate positioning
- Compatible with Surface Marking, Engraving and Texturing
- Support customized software and automation integration
- Scribing operations, Surface Annealing and Etching
- Marking Alphanumerics, 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 Preview



**Operator Friendly Machine Design**



**Online Service Support**

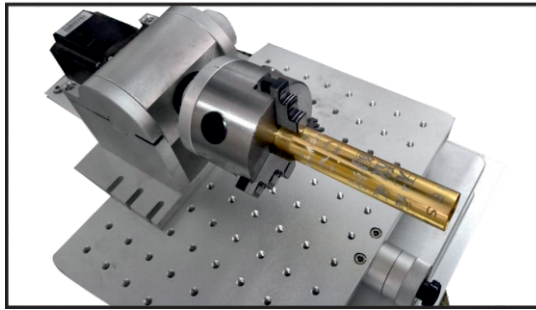


**Image Marking**

### Customer Scope :-

AC Room would be recommended (25-30 degree)

1 KVA Online UPS System & 1 KVA Isolation Transformer



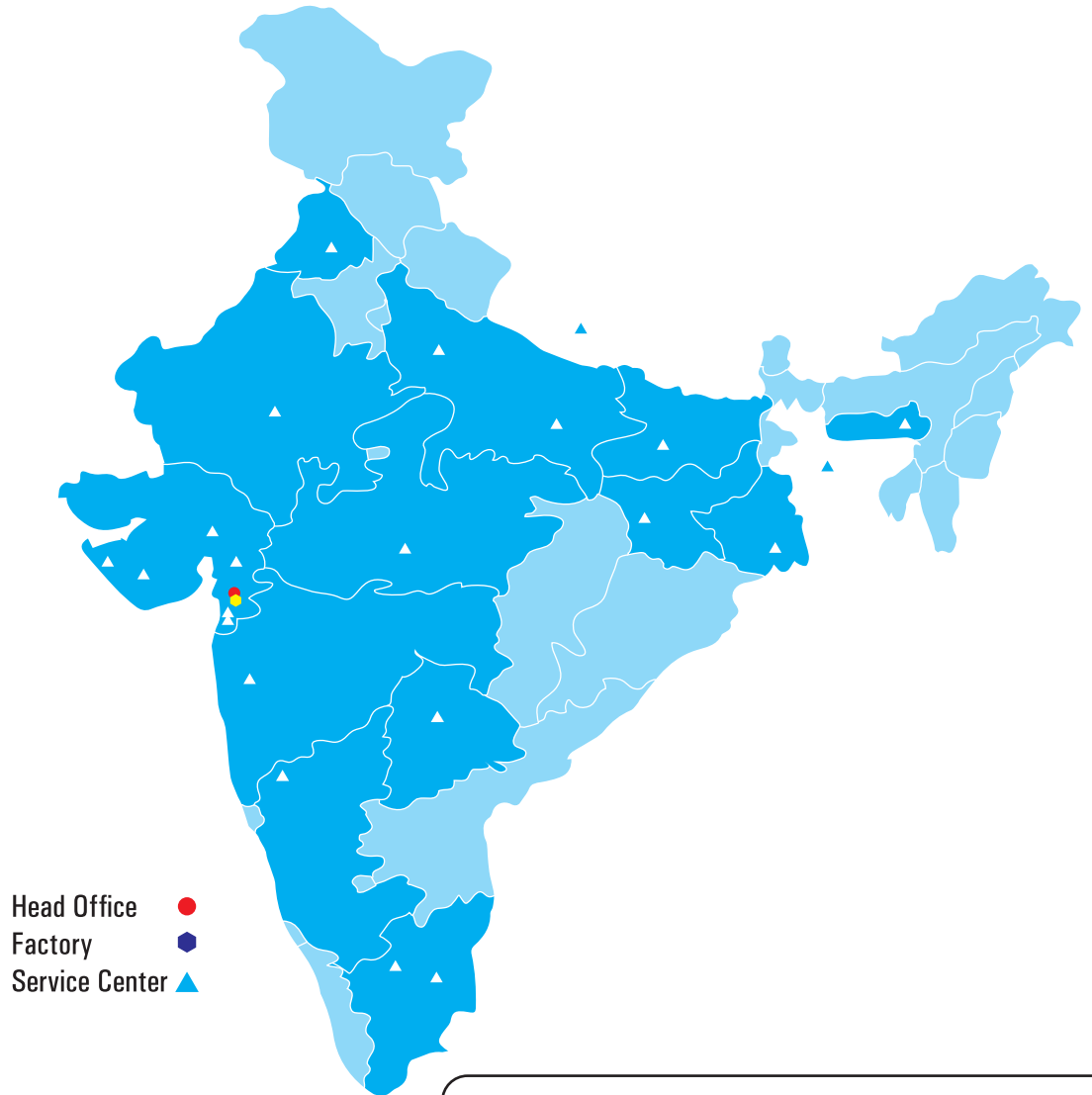
### Rotary Attachment (Optional)

#### APPLICATIONS



Aluminum, Stainless Steel, Brass, Titanium, Plastic, Alloy Steel, Bronze, Copper, Platinum and so on

- **Surat**
- Mumbai
- Rajkot
- Bangalore
- Delhi
- Rajasthan
- Jaisalmer
- Ahmedabad
- Bangladesh
- Belgaum
- Coimbatore
- Hyderabad
- Jamnagar
- Jaipur
- Nepal
- Pune
- Trichy
- Vadodara
- Valsad
- Vapi
- Thrissur
- Madurai
- Chennai
- Tumkur
- Solapur
- Vellor
- Kolhapur
- & All Over India



**1800+ SUCCESSFULL INSTALLATION ALL OVER  
INDIA, USA, UK, CANADA, SOUTH AFRICA, NEPAL  
BANGLADESH, QATAR, DUBAI AND MANY MORE...**



An ISO 9001:2008

### **Factory / Head Office**

**Sparkle Laser Technology LLP**  
**P - 227, Old GIDC Katargam,**  
**Near Indian Diamond Institute,**  
**FULPADA, KATARGAM, SURAT,**  
**Pin code - 395004, Gujarat, India.**

**Customer Care : + 91 90999 31599**

**E-mail: [Contact@sparklelaser.com](mailto:Contact@sparklelaser.com)**

**web : [www.sparklelaser.com](http://www.sparklelaser.com)**



Scan QR & Save Contact