

S-I MARKING MACHINES

ALL ABOUT MARKING & CUTTING



INTRODUCTION

TYPES OF MARKING MACHINES

- FIBER LASER MARKING MACHINES
- DOT PEEN MARKING MACHINES
- LASER CUTTING MACHINES
- LASER WELDING MACHINES

S - I MARKING

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Fiber Laser Marking Machine:



SI-Rohini Desktop Fiber Laser Marking Machine



SI-Pushya Online Fiber Laser Marking Machine



SI-Kruthika Enclosed Fiber Laser Marking Machine

The fiber laser marking machine adopts the most advanced laser technology, which has advantage of high beam quality and high reliability. It is suitable for processing fields that need high marking depth, smoothness and accuracy. The fiber laser marking machine is environmental friendly, low consumption, fully automatically and leading laser system. The software has already been installed and the parameter is settled before delivery. Once received, the laser etcher could work directly without data adjustment. It is widely used in metal materials and some non-metallic materials. In the case of marking on aluminium materials with black logo, model or letters, MOPA laser marking machine could meet this requirement.

According to customer's actual case of production line, we could customize and provide special solutions for non-standard automation marking and identification.

There are many types in Fiber Laser Marking Machine depending upon application. It can use in traceability also.

Applicable Industries:

Automobile: Gear, Bearings, Shafts, Piston, Rings and Clutch etc.

Electronic Components: USB Device, Chip, Resistors, Capacitor, Keyboard, Switches, Charger and other accessories.

Hardware Tools: Measuring Instruments, Cutting Tools, Knives, Blades and Tools etc.

Daily Necessities: Key chains, Handicrafts, Gift items, Toys, Kitchen Utensils, Non Stick Cookware, Stationary etc.

Suitable Material:

- SS, MS, Brass, Copper, Aluminium, Cast Iron, Gold, Silver and other metals and alloys.
- Some Non Metals; depending upon additives added in Plastic material.
- HDPE, LDPE
- Jewellery, Metal Crafts, Ornaments, Measuring and Cutting Instruments, Tools, Mobile Parts and Electronic Circuits.



SI-Bharani Compact Fiber
Laser Marking Machine



SI-Revathi Portable Fiber
Laser Marking Machine



SI-Hasta Handheld Fiber
Laser Marking Machine

UV Laser Marking Machine

The Ultra Violet Laser Marking Machine adopts the most advanced laser technology, which has advantage of high beam quality and high reliability. It is suitable for processing fields that need high accuracy and smoothness. It is water cooled system which required external industrial water chiller. UV Laser Marking Machine is mainly used for Transparent Glass, Non Metal and Metal Products as well. Best suitable for high quality marking and special material application.

Applicable Industries:

- Food Packaging
- Plastic Components
- Pharmaceutical Industry
- Electronic Components
- Glass Appliances



SI-Swathi
UV Laser Marking Machine



SI-Chithra
UV Laser Marking Machine



SI-Ashwini
UV Laser Marking Machine

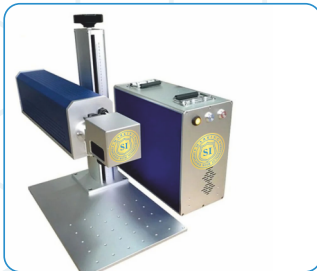


Co2 Laser Marking Machine

The CO2 Laser Marking Machine is the advanced laser technology. It is excellent for high duty cycle application on wood, plastic, rubber, leather and packaging industries. It is air cooled system. This machine can be customised as per requirement and application.

Applicable Industries:

- Wood and Toys
- Food Packaging
- Leather
- Bottle Manufacturing
- Rubber



SI-Bharani-Co2 Laser Marking Machine



SI-Rohini-Co2 Laser Marking Machine



SI-Pushya-Co2 Laser Marking Machine

Laser Marking Machine Spares



Scan Head



Rotary Fixture



Indexing Table



Electric / Manual Lifting Column



Laser Marking Machine Lens

Laser Marking Samples



PNEUMATIC (AIR) TYPE SERIES ECOLINE

MODEL : SI-33-070 TT/TTR PNEUMATIC

Dot Peen Marking Machine Table Top Dot Peen Marking Machine
Marking Window Sizes 50X50, 75X75, 100X100, 150X150, 200X200, 300X300



Technical Specification

Marking Speed	3-4CH.PER SEC
Marking Depth	0.01-2MM
Marking Accuracy	0.01MM
Pin Hardness	HRC 73
Power Supply	220V-50HZ
Air Pressure	0.2-0.6MPA
Power Consumption	400W
Machine Weight	50KG



MARKING MACHINE PNEUMATIC (AIR) TYPE SERIES ECOLIN MODEL : SI – 33-070 HH PNEUMATIC

Portable Marking Machine
Marking Window Sizes 50X50, 75X75, 100X100, 110X170

Technical Specification

Marking Depth	0.01-2MM
Marking Accuracy	0.01MM
Power Supply	220V-50HZ
Power Consumption	400W
Marking Speed	2-3CH PER SEC
Pin Hardness	73 HRC
Air Pressure	0.2-0.6MPA
Machine Weight	15KG



Marking Machine Electric Handheld

MODEL : SI – 33-070-HH ELECTRIC

Marking Window Sizes 130x30, 150x40

Technical Specification

Marking Area	130mm x 30mm, 150mm x 40mm
Marking Pattern	Line, Arc, Angularity, Dot-Matrix
Marking Depth	<=0.3mm (Adjustable with different material)
Marking Hardness	<=HRC62
Marking Speed	2-5 Characters Per Second
Power Supply	AC220V $\pm$ 10% 50Hz
COM Port	RS232, USB
Power Consumption	<=350W



Electric Dot Peen Marking Machine

MODEL : SI-33-070 TTWC ELECTRIC



Technical Specification

Engraving Range	130mm x 100mm, 150mm x 100mm
Repetitive Accuracy	0.05mm
Marking Depth	0.02-1mm (Depending on the material)
Marking Speed	1500-2000mm/Min
Power Supply	AC220V/±10%/50Hz
Compressed air	0.3-0.6Mpa
Circumference	Φ5-100mm (Customizable large circular fixture)
Power Consumption	350W



Battery Operated Dot Peen Marking Machine

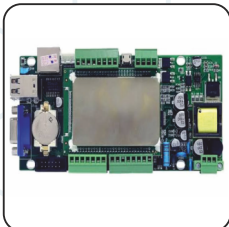
MODEL : SI-33-070 BO

Technical Specification

Type of Handheld Metal Engraver	Portable Dot Marking & Engraving
Battery	lithium ion battery 24vdc 14.6amp
Standard Marking Area	50mm x 50mm, 75mm x 75mm,
Base support	Frame Bracket
Marking Speed	1~3 characters/s (5mm height)
Preciseon Repeatability	0.01mm
Marking Depth	0.05mm~0.5mm (per material)
Charging Power	AC 100V ~ 240V 50HZ/60HZ
Other Device Request	Computer or Tablet PC (Windows System)
Special Technology	Computer software remote wireless control



Dot Peen Marking Machine Spares



Integrated Board
for Automation



Cartridge Marking Pins



Stepper Motor



19 Pin Connector



Display