HiSpeed
LASER SYSTEM

CO2 Laser Marking Machine



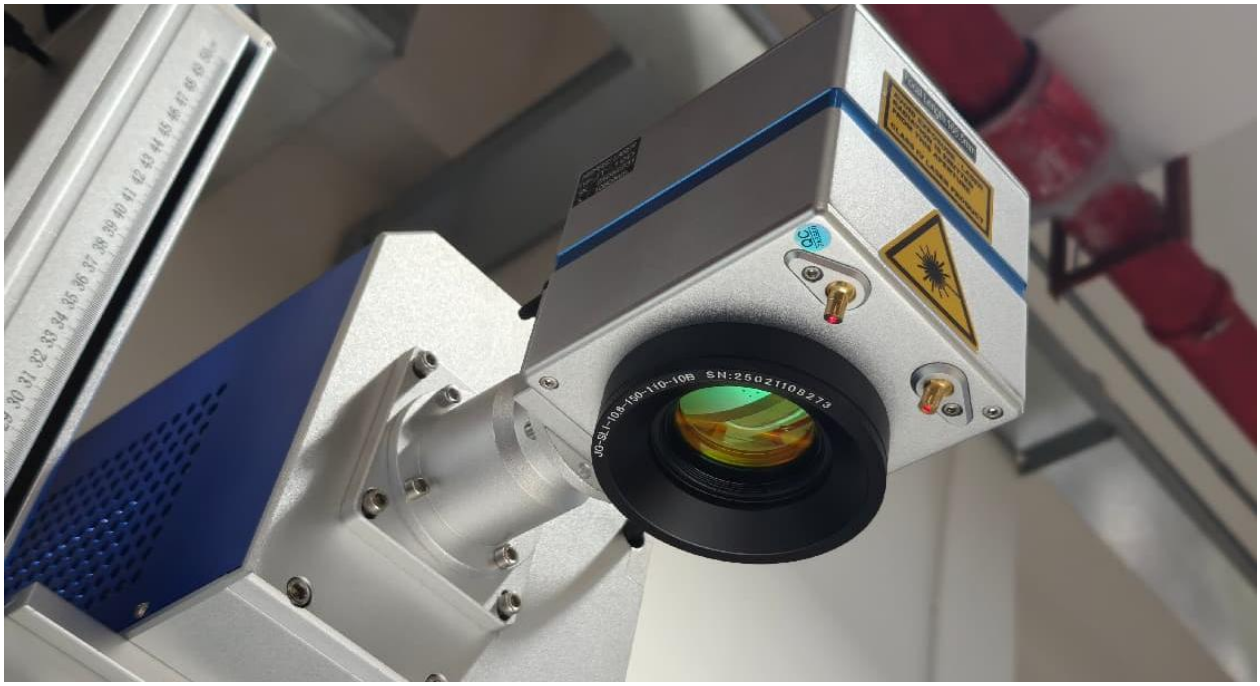
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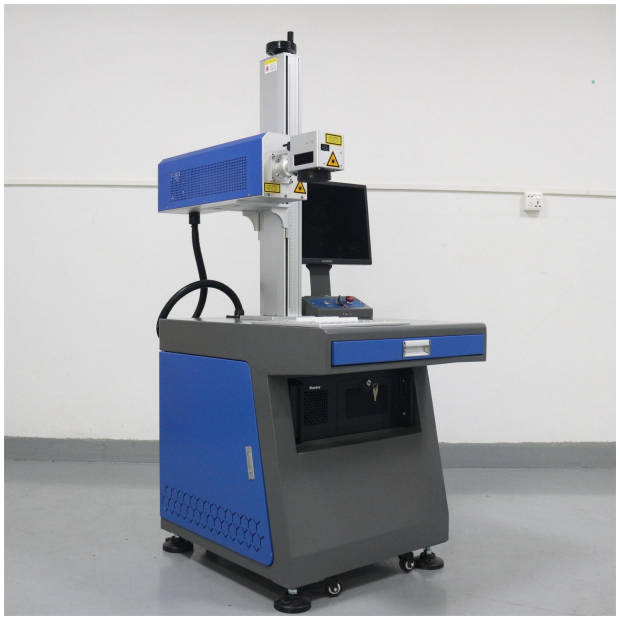
Machine Introduction

LS-CO2 non-metallic laser marker is controlled by computer, which applies 10.6μm / 9.3μm laser beam to act on the surface as the predetermined trajectory through beam expansion, focusing and finally controlling the deflection of galvanometer to gasify the surface and achieve engraving effects.



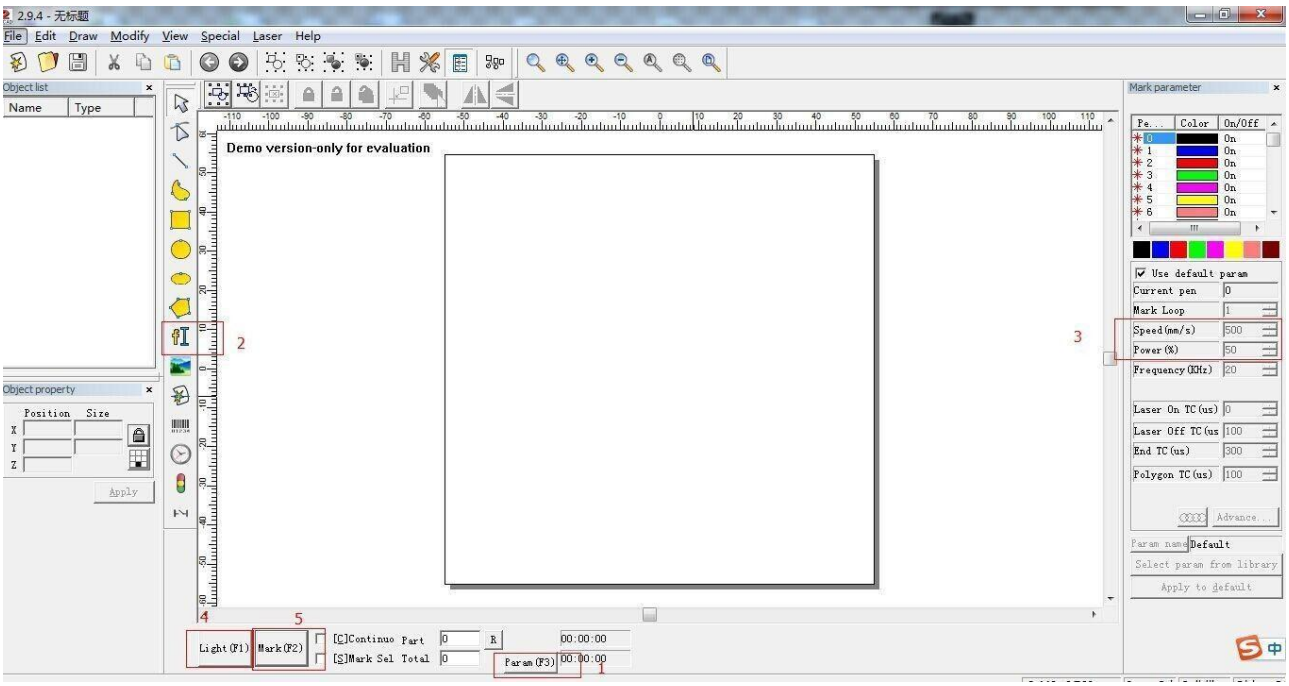
Our LS-CO2 series non-metallic laser marker is characterized by good beam pattern, stable-performance system and maintenance-free. It is appropriate to be used in industrial processing sites with high-volume, multi-variety, high speed and high precision continuous production.





Main Features

1. Laser power output is stable,and light spot quality is good. Ultra high accuracy and fineness, with resolution up to 2540dpi.
2. Quick marking and cutting speed at 2-3 times that of traditional machines.
3. Metal tube laser source, no consumables, low processing costs, the operating life up to 50,000-60,000 hours.
4. No pollution, no noise,and no consumable materials. High elector-optical conversion efficiency. The gross power consumption is 500W, which is a tenth of lamp pumped solid laser marking machine, so can greatly save energy.
5. No need any maintenance, long life, small volume, suit for working in atrocious working conditions.
6. Powerful marking software. It is compatible with file generate from coreldraw, AutoCAD, Photoshop, etc; support PLT, PCX, DXF, BMP format; SHX, TTF font can be used directly; it alsosupports automatically coding, printing serial number, batch number, date, bar code, 2D bar code, number jumping automatically, etc.



Technical Parameters

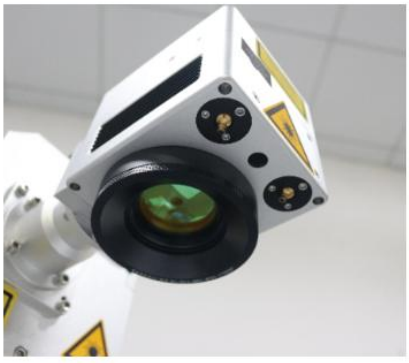
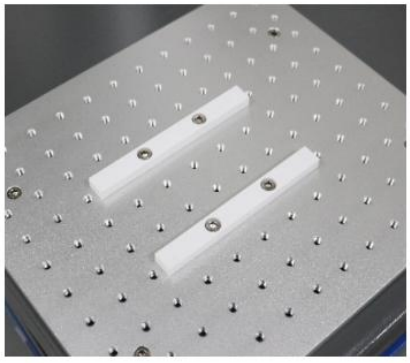
Model	LS-CO2 Series
Laser Power	30W/60W/100W
Wavelength	10.6μm / 9.3μm
Laser Generator	RF CO2 Metal Tube
Engraving Line Speed	≤5000mm/s
Repeat Precision	±0.01mm
Minimum Line Width	0.1mm
Minimum Character	0.4mm
Marking The Maximum Height	300mm
Power Supply	220V 50Hz
Engraving Depth	≤2mm / ≤3mm / ≤5mm / ≤8mm
Cooling System	Air cooling system
Instructions	Users manuel and Video instruction
Power Consumption	500W
Repeat Frequency	20-100KHz
Standard Engraving Range	Within 300*300mm
Machine Size	80*62*165 cm

Standard Accessories

1. Laser Source RF Metal Tube or Sealed Glass Tube
2. Laser Galvometer Scanning Head
3. Laser Marking Control Card and Software - Latest Version Ezcad with powerful edit function
4. Taiwan MW Laser Power Supply
5. Taiwan MW Laser Switch Power
6. Hispeed Laser - High quality F-theta Lens
7. Hispeed Laser - Industrial Computer & Screen
8. Hispeed Laser - Two Red Light Pointers for focusing
9. Hispeed Laser - Laser Controlling Cabinet with Motorized Z-axis
10. Hispeed Laser - Laser Working Plate
11. 2 fans,1 Power Unit Jointer
12. Foot Switch
13. Deliver in plug & play state
14. Packing complying with the Export Packing Standard
15. Life-long after-sales service;Free consultation & guidance support
16. Fitting Parts(Free of Charge):1 set of tools,1 piece of protective googles,1 box of aluminum sheet for testing(100sheets)






Samples Show

Applicable Industries

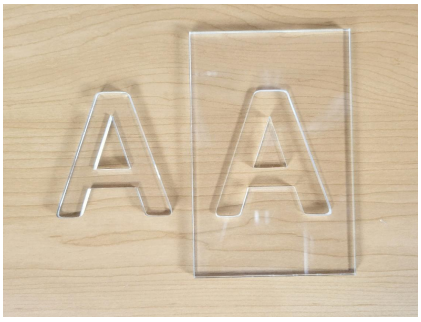
It is widely applied to shoes, packaging, advertising, tobacco, food, medicine and other industries.

Applicable Materials

It is able to engrave a variety of non-metallic materials and can be widely applied to the laser marking of paper, PVC, rubber, ceramics, acrylic, organic glass, resin, leather, cloth, bamboo, wood crafts.





















After Sales Service

◉ All of our machine will be fully-checked by our quality control department before the shipment. We guarantee the fiber laser marking machines have a two-years warranty (quick-wear parts notincluded).

◉ Training details: operation principles, system and structure, safety and maintenance, software processing technique, and so on.

◉ Numerous feedback from our clients have proven that our laser machines are stable inperformance with rare malfunction. However, we would like to handle it as follows once malfunction occurs:

a) We guarantee that we will give you a clear reply within 24 hours.

b) Customer service staff will assist and guide you to analyze the malfunction in order to locate the cause.

c) If the malfunction is caused by improper operation on software and other soft faults, we will help solve the problem on line.

d) We will offer plenty of online supports, just like detailed technical and installation instructionsby email,video, telephone. (Training by team viewer)



More Laser Application

- Laser Marking for Metal









- Laser Engraving for Non-Metal

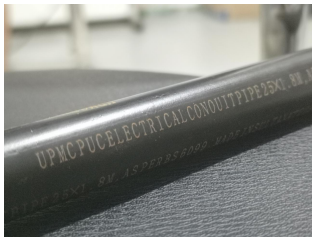






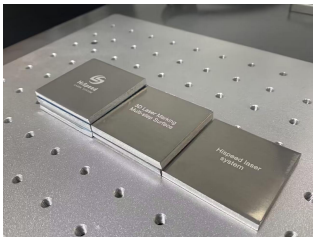
- Laser Marking for Plastic







- 3D Laser Marking & Engraving



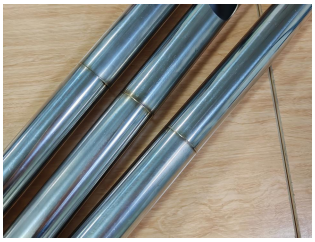



- Laser Cleaning






- Laser Welding






Company Profile

Dongguan Hispeed Laser Technology Ltd. is a leading high-tech manufacturer specializing in cutting-edge industrial laser equipments and innovative laser technology solutions. With a commitment to excellence, we deliver tailored laser processing solutions and state-of-the-art supporting facilities to a diverse clientele of domestic and international agents as well as end customers.





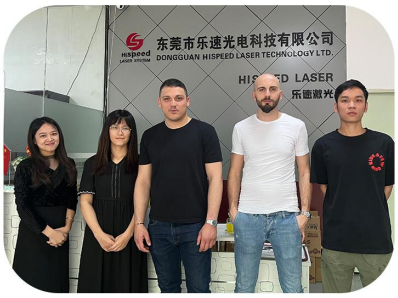
At Hispeed Laser Factory, we offer a comprehensive range of laser machines: Fiber/CO2/UV Laser Marking Machine, Laser Cutting Machine, Laser Cleaning Machine, Laser Welding Machine, Laser Spare Parts and Automation Systems.

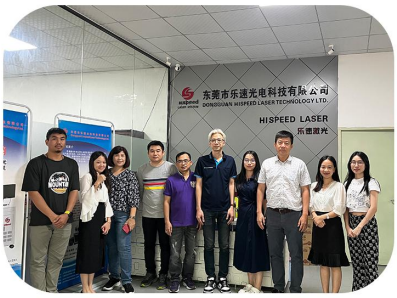
We offer OEM/ODM services and customized solutions to meet the unique needs and expectations of our clients. Choose Hispeed Laser for professional, reliable laser solutions that cater to your specific requirements.

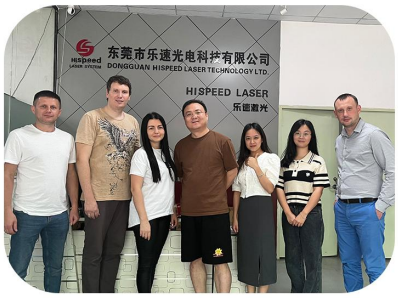




CUSTOMER VISITING











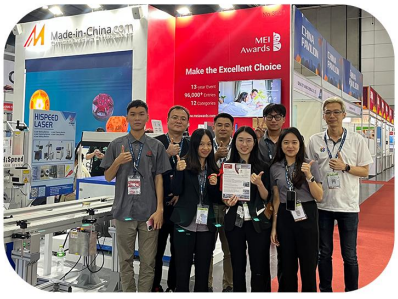


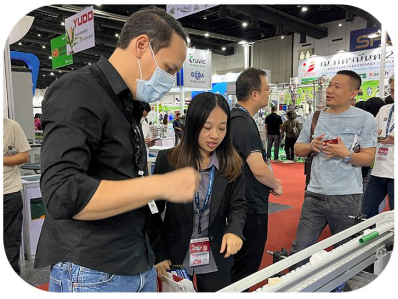




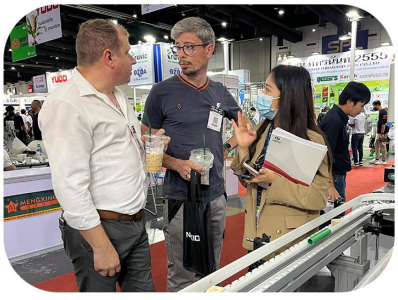


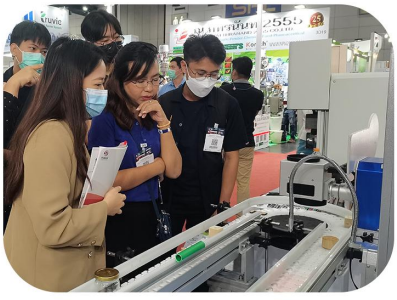
EXHIBITION













OUR TEAM












HiSpeed
LASER SYSTEM

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