



Flying Co2 Laser Marking Machine for Plastic Bottles

Flying Co2 Laser Marking Machine for Plastic Bottles has a fast marking speed on the assembly line, and the writing is clear and durable. It can process most metal and non-metal materials and accurately mark the surface of "millimeter" size parts. Non-contact processing, easy to operate, pollution-free, high-speed automatic transportation, and high marking efficiency.

1. Product Introduction

SUNNA Flying Co2 Laser Marking Machine for Plastic Bottles is suitable for large-area engraving and marking of various non-metallic materials; it can be set in layers to achieve the perfect combination of surface engraving, hollowing, and cutting at one time. It can be applied to the cutting of soft and low-density plates, with strong laser energy, fine spot, and small mechanical stress, and the cutting speed is 5-10 times higher than that of traditional cutting machines. Textile fabrics can be engraved on the whole roll, marked on the fly, engraved on denim, and laser washed. It adopts a fully enclosed optical path, imported CO₂ RF laser, and strict multiple protection control designs.

Flying Co2 Laser Marking Machine is widely used in many kinds of non-materials, such as paper, leather, cloth, organic glass, resin, acrylic, woodlens, plastic bottles, rubber, wood crafts, packing of food and medicines, product identification and serial number, advertising signs.

2. Product Parameter (Specification)

Model	SN-F
Marking Area	110*110mm/150*150mm/175*175mm/200*200mm/300*300mm
Laser Power	30W/55W/60W/100W
Worktable	Fixed high quality aluminum worktable
Wave Length	10.6μm

Repetition Frequency Range	20-100KHZ
Response time	0.5ms
Engraving lines	1-10 lines(in the engraving area)
Output Beam Diameter	±0.5mm
Power Range	0-100%
Laser Module Life	>20000 hours
Engraving Depth	Adjustable according to materials
Marking Format	Graphics, text, bar codes, QRcode, automatically date, batch number, serial number, etc.
Graphic format supported	Ai, plt, ;dxf, dst, svg, nc, bmp, jpg, jpeg, gif, tga, png, tiff, tif
Computer System	WINDOWS XP/Win7/8/10 32/64bits
Minimum Character	0.15mm
Minimum Linear Width	0.1mm
Cooling way	Air Cooling/Water Cooling
Maxi Marking Speed	15-20m/min
Data Transfer:	USB2.0 transmission
Control System	PowerMark System
Compatible Software	CorelDraw, AutoCAD,Adobe Illustrator,Cadian
Total Power	500W
Power Supply	220V±10% 50HZ or 110V±10% 60HZ
Package Weight/dimension	200KG/106*660*630CM
Option Accessories	Rotary/F-theta scan lens/Laser protection glasses/Smoke purify system

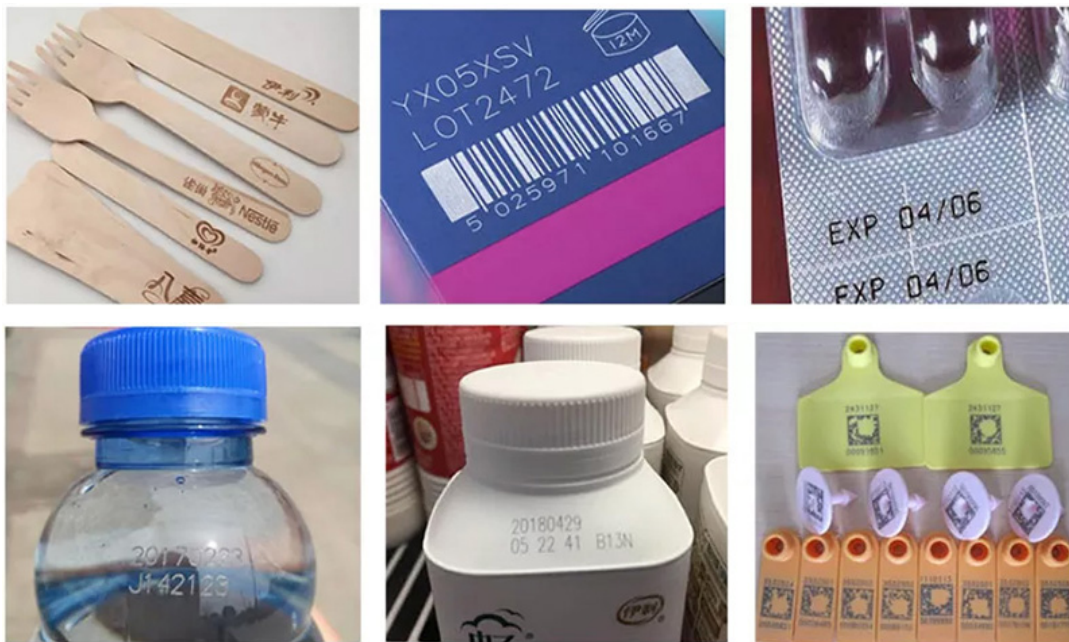
3. Product Feature and Application

Feature of Flying Co2 Laser Marking Machine for Plastic Bottles

- 1--One Laser marker can work for more than 10 years with low power consumables, Minimal Maintenance .
- 2--High Speed, Deep Marking, Higher Accuracy.
- 3--No need to adjust the laser path, Use Integrated Air Cooling.
- 4--Capable to prevent dust and water ,small volume,compact and solid.

Application

Co2 Glass Laser Marking Machine is used for engraving leather,wood,fabric, textile, jeans, wood, MDF, plywood, bamboo, plastic, acrylic, and glass. It is widely applied in mobile buttons, plastic translucent keys, electronic component, integrated circuits, electrical appliances, communication products, sanitary ware, tools, accessories, and other industries.



4.Product Details

- 1--Galvanometer scanner system adopts new technology,new material, new working principle of the design.

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2--This parts adopts imported field lens and maintains advantages in high precision and small thermal drift.

3--The laser beam expanders can enlarge the light spot size and enhance power of light.

4--With water chiller,power protection, water pump fault protection ,the chiller can effectively protect against the laser failure.

After Sales Service:

1.All of laser marking machine will be fully-checked by our quality control department before the shipment.We guarantee all of our laser marking machines have a two -years warranty.

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

3. Numerous feedback from our clients have proven that our laser machines are stable in performance with rare malfunction. However, we would like to handle it as follows function 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 instructions by email,video, telephone. (Training by team viewer)

4.Maintain Fiber Laser Marking Machine

In addition to the need for stable voltage, regular cleaning of the focus lens,and it does not require any maintenance.

SUNNA faces global investment attraction, provides exquisite products and technology, and actively cooperates with agents to do a good job of local publicity.