

CO2 Dynamic Laser Marking Machine



Protective Cover



Laser hollow Machine Advantage :

1. No touch processing, and protective cover , keep your staff safe .
2. Smoke cleaning system, more eco-friendly .
3. High Speed 4000mm/s , Just about 10 seconds for one card.
4. No yellow and black edge, high quality laser beam, very good quality .
5. Eco-friendly, EU, FDA, ISO, ROHS stands
6. Longwork life, over 20,000 hours.About 5 years if follow 12 hours one day,it also can be refill when its gas runs out .
7. Stable equipment performance exempts maintenance .
8. Imported US Radio Frequency Laser (metal seal) and imported Speedy Galvo Scanning System .

1. Technical Parameters

Model	EC-CDM-250
Max.Marking Area	600x600mm/800*800mm
Laser power	250W
Marking Speed	≤8000mm/s
Power Consumption	≤ 5 kWh
Worktable	Special Acrylic worktable
Laser Source	Coherent CO2 metal RF Laser Tube
Laser Wavelength	10.64μm
Laser Frequency	20kHz~200kHz
Scanner	CTI America
Repetition Precision	0.01mm
Min.Letter Size	0.3mm
System Support	WIN 7/WIN 8
Output Compatibility	Auto CAD, Photoshop, CorelDRAW etc
File Formats	PLT, DXP, BMP, JPG, AI etc
Software Character	Integrated Function of Dotted Design, Vector Drawing, Marking, Scribin and Cutting
Power Supply	110V~380V/50Hz~60Hz
Cooling Way	Circulation of Water Cooling

2. Main Structure



Import US Coherent RF Metal Laser Tube



Import US CTI Galvo Scanning System



Water Chiller



Exhausted Fan



Special Acrylic worktable

3. Standard Configuration

No.	Item	QTY	Origin
1	CO2 Metal RF Laser Tube	1	Imported from Germany/USA
2	Galvo Scanner	1	Imported from the USA
3	3D Dynamic Focusing System	1	Imported from the USA
4	Optical Lens	1	Imported from the USA
5	Exhausting System	1	EC Laser
6	IPC	1	High type
7	19"LCD	1	AOC
8	Control Software&motion card	1	EC Laser
9	Machine Structure	1	EC Laser
10	Industrial thermostatic circulation of water cooling system	1	Doluyo

4. Service Support

LS laser has always been committed with the service idea of Customer-centric, supply Installation, Adjustment, Training and Maintenance in pre-sales and after-sales service.

1. Pre-sales Service

Before signing contracts, supply customers service of production plan, technical consultant, sample trail and equipment suggestion and etc.

2. Installation and Debugging

Equipments will be delivered to the target place in time according to customers' requirement. Our professional Engineer can make sure Installation and debugging processes be settled down in 1~2 days, as well as a clear, tidy and orderly field.

3. Training

supply free technical training for all customers all over the world until the workers from buyer can operate the machine normally and individually. Mainly training are as follow:

- 1, Training for Control software operation
- 2, Training for normatively turning on/off operation of the machine
- 3, Instruction of technical parameters, as well as their setting ranges
- 4, Basic daily cleaning and maintenance for the machine
- 5, Solutions for common hardware problems
- 6, Training for other questions and technical suggestions during daily production

Training can be processed in the following ways:

- 1, Workers of customers can come to our factory in Wuhan, China to get the most professional hand-by-hand training.
- 2, We can send engineers to customers' country and do training for workers in customers' target factory. However, tickets and daily consumption like food and accommodation should be afforded by customers.
- 3, Remote training through Internet tools like Team-viewer, Skype and other instant communication softwares.

4. Equipment Maintenance

- 1, One year free maintenance, lifelong caring
- 2, Free technical consultant and software updating
- 3, Customer Service responding in 12hours
- 4, Continuous support with software and hardware after free maintenance

5. Guarantee

The guarantee period shall be 12 months counting from the date on which the commodity arrives at the port of destination. Except the damage artificially, we are responsible for offering the fittings free of charge during the guarantee period, but you must send the damaged fittings to us by courier with your charge



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before we send back the alternative fittings to you. After the guarantee of quality period, the parts required to repair or change, if any, shall be paid.

5. Manufacturing Standards

1. Quality Assurance Measures

The company's management strictly comply with the international ISO9001 quality system. In order the ensure the product's quality and prevent the substandard goods move into the next process, from the initial storage of raw materials to product leave the factory, the process need pass incoming inspection, process inspection and final inspection. Within controlling the producing process efficiently, we can control the products' quality efficiently, make sure that all manufactured products are qualified.



2. Deliver Time Assurance Measures

The whole processes from signing the contract to delivering the product are under the strictly controlled, all contracts have to go through the review, therefore, the system can ensure the supplier deliver the machine timely, quality, quantity.

3. Package and Transportation

Machine's packaging will under the International Package&Transportation Standard. Export standard wood cage package, applicable coach, train or ship transportation, moisture-proof, rust-proof, shock-proof and anti rough handling, suitable for the whole lifting. Each part of the device will be packaged according to the relevant standard, each package has a detailed packing list.