

PERFECT LASER

Fiber Laser Marking Machine With Full Closed Cabinet

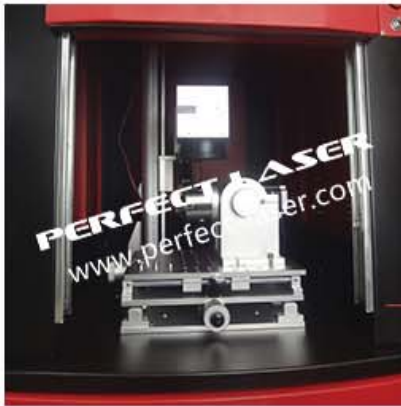
(Model: PEDB-500)





- ➔ **1. Low Cost In Use**
No Wearing Part. Free of Maintenance.
- ➔ **2. High Speed**
Imported Laser Scanning System Makes the Marking Speed up to 7000mm/s.
- ➔ **3. High Precision**
Re-Position Precision is 0.002mm
- ➔ **4. Energy Saving**
The Efficiency of Optic-Electrical Converting is up to 70%.
- ➔ **5. High Reliability**
MTBF(Mean Time Between Failures) >100,000 hours





Laser Marking System Inside



Control switch



Industrial PC and
Fiber Laser Source



Keyboard



Details Instructions

1.

Floor Stand Full Closed Cabinet

With Full Closed Cabinet,
Thick Cover, Painting with 3 process,
Dust-proof and Air-proof, Safe and Beautiful.

2.

Germany Technology Fiber Laser Source

A wide selectivity of operating wavelengths, ultra-low amplitude noise, high stability and ultra-long lifetime.

3.

Digital Fast Speed Galvanometer Laser Scanning Head

Fast response ability $< 0.7\text{ms}$, can realize high speed marking with high precision.

Details Instructions

4.

Fiber Laser Cable

Play Laser Maximum Efficiency
Improve the Processing Quality.



5.

3D Working Table

Made up by Precision Alloy and Imported Precise Beeline Device, It can Support Any types of Marking.

Rotary fixture is an optional item.

6.

Lifting System

Shake Hand Wheel,
Laser Focus Distance can be Adjusted Easily.
Operation is Simple and Convenient.



7.

Marking Ruler Scale Indicator

Precisely Adjust the Height of the Laser Beam,
Realize High Precision Marking.



8.

Control Switch

Including Emergence Stop,
Key Switch,Power Switch,etc.,
Convenient to Identify,
Easy to Operate.



9.

Industrial PC Control

Integrated with industrial PC,
Software is already installed, easy to Use.
Different from individual PC,
Industrial PC is Dust Proof, Air Proof,
More stable, Safe and Beautiful.



10.

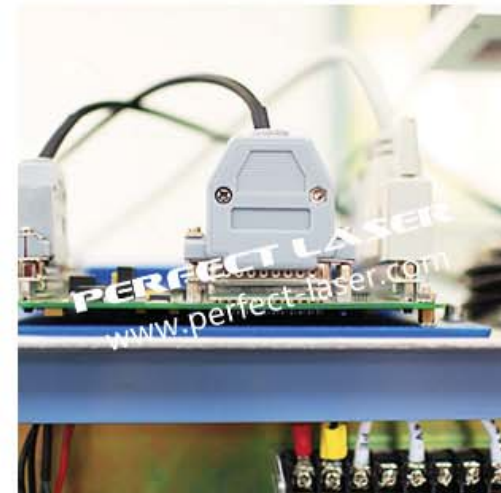
Key Board & Mouth



11.

Standard Card

The Text in the Computer Converted into Analog signal
or Digital signal, such as Design and then Spread to the
Galvanometer.





12.

Control System and Switching Power Supply

Control System Use Famous Taiwan "MW" Power Supply with Stable Performance and Professional technology. It can Work Constantly for 16 Hours Every Day.



13.

PC Display Holder

Holding and Supporting Computer Screen Flexible, it can Move for 180 degree, easy for user to using anywhere. Saving Space, Convenient Operation.



14.

Foot Switch

Just Press by Foot, the Machine can Do Marking. So Easy to Use.



15.

Exhaust Fan

Adopts the Heat Generated by the Air Cooling System, Ensure the Machine Long Time Using



16.

Universal Wheel

Realize Flexible Mobile Machine in All Directions. Also can be locked.



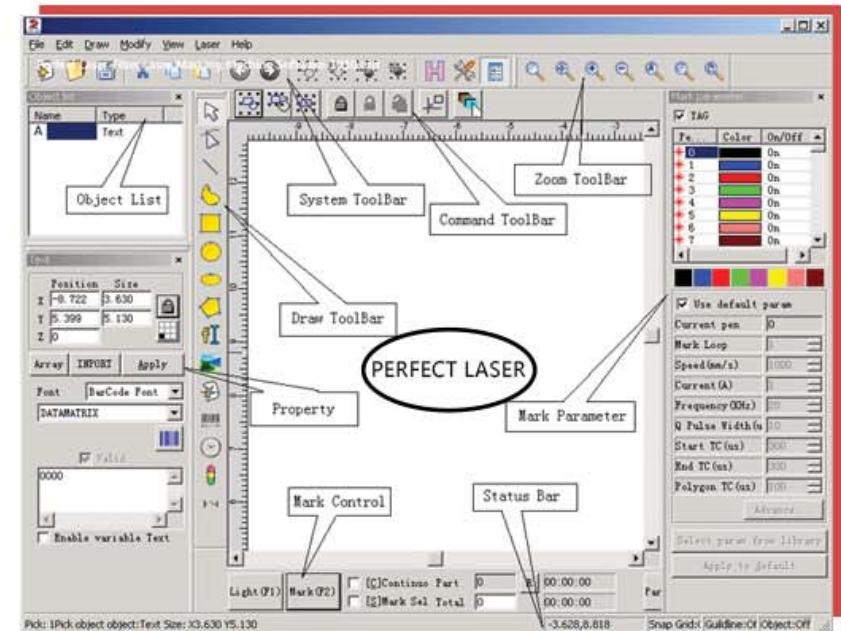
17.

Air Switch

Control the Machine On and Off.

Adopt latest V2.10 version laser marking software, with more than 10 years development, it containing deep technical characteristic.

- 1 Powerful editing function, Friendly interface, Easy to Use. Can supports DXF, PLT, -Code and many other graphs.
- 2 Perfect Laser Marking Software runs on a PC with 500 MHz CPU and 128 MB RAM at least. In general, we recommend the fastest PC available. Perfect Laser Marking Software can run in Windows XP and Windows 7.
- 3 The installation of Perfect Laser Marking Software is very easy. Users simply need to copy Perfect Laser Marking Software folder which is in the Install CD to hard disk, and then double click the Perfect Laser Marking Software.exe under the Perfect Laser Marking Software's directory to run the software.
- 4 Perfect Laser Marking Software requires a software security device sometimes known as a 'dongle'. This device plugs into the USB port on the PC. If there is no dongle or the dongle do not installed correctly, a caution will appears and the software will work at demo state. In demo state, we can evaluate the software but we can not save files and can not control laser device.





PERFECT LASER
www.perfect-laser.com

1.

Rotary System

Marking on Round Surface
Stand Rotary System is
for Object With Diameter 80mm
Other Bigger Diameter Object
We can Customize the Suitable Rotary Fixture



Packing & Shipping



Length (m)	Width (m)	Height (m)	Measurement (m3)	Weight (kgs)
2.08	1.58	1.3	4.27	300

- * 12 Months Guarantee
- * 7-15 Days Lead Time
- * VCD Training , Easy Installation
- * 12 Hours Response
- * TT/Western Union / Paypal / Ali Trade Assurance Payment
- * Sea Shipping

FAQ

Q: What's the package?

A: We have 3 layers package. For the outside, we adopt wood craft case. In the middle, the machine is covered by foam, to protect the machine from shaking. For the inside layer, the machine is covered by thickening plastic bag for waterproof.

Q: Will the package damaged during transportation?

A: Our package is considerate all the damage factors and make it to be safe, and our shipping agent have full experienced in safe transportation. We have exported to 180 countries worldwide. So please don't worry, you will receive the parcel in good condition.

Q: How to install and run the machine?

A: Our technician have installed the machine before shipping. For some small parts installation, we will send detail training video, user's manual along with the machine. 95% customers can learn by themselves.

Q: How can I do if the machine goes wrong?

A: If confronted with such problems, please contact us asap and do not try fix the machine by yourself or someone else. We will response within 24 hours as quick as we can to solve it for you. alxe?