

PERFECT LASER

Fiber Laser Marking Machine

(Model: PEDB-400D Standby Type)



Low Cost In Use

No Wearing Part. Free of Maintenance.

PERFECT LASER
www.perfect-laser.com

High Speed

Imported Laser Scanning System Makes the Marking Speed up to 7000mm/s.

High Precision

Re-Position Precision is 0.002mm

Energy Saving

The Efficiency of Optic-Electrical Converting is up to 70%.

High Reliability

MTBF(Mean Time Between Failures) >100,000 hours

Integrated and Compact

Small Size, only 0.5 M2, can be Put on Desk and Easy to Install.

Easy Operating

Easy Operation, VCD Training, Trouble Free.

10 Years Long Lifetime

Fiber Laser Device Adopts Germany IPG Technology, 100000 hours Lifetime.

No Consumables

While Machine can be Used Free of Maintenance for 8-10 Years.

Air Cooling

Adopts Air cooling, Has Excellent Cooling Effect than the Other Cooling Method.





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1.

3D Working Table

Made up by Precision Alloy and Imported Precise Beeline Device



2.

Fast Speed Digital Galvanometer Scanning Head

Fast Response Ability < 0.7ms,
High Speed Marking and High Precision



3.

World Famous Fiber Laser

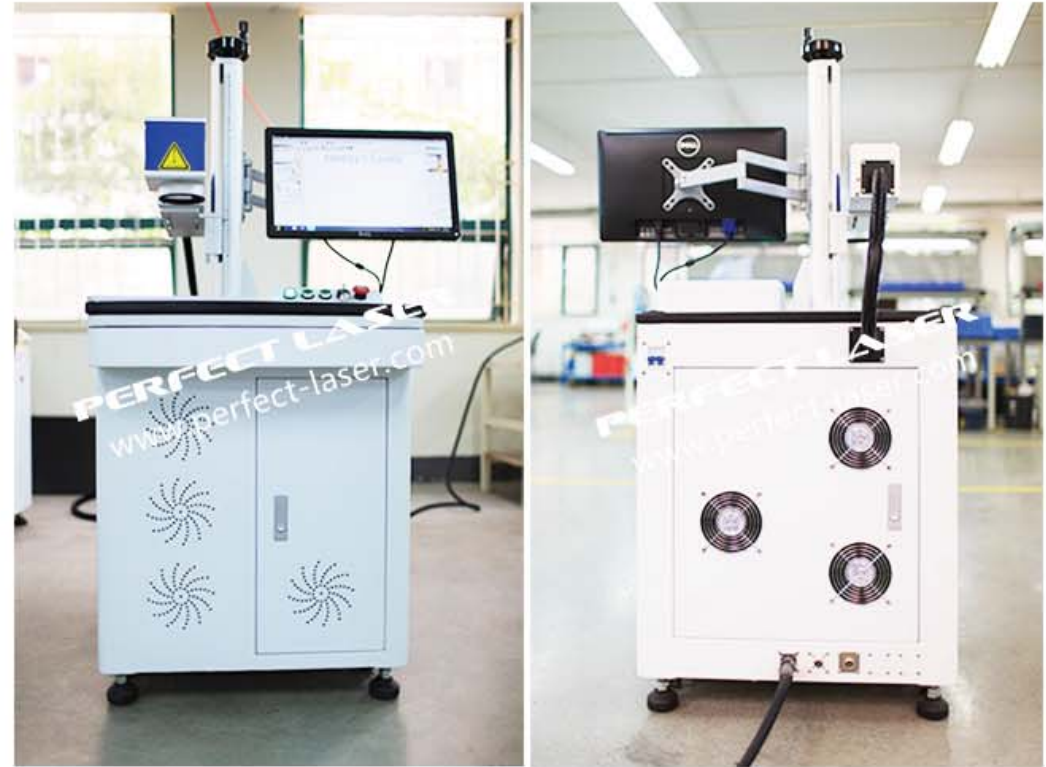
A Wide Selectivity of Operating Wavelengths
Ultra-Low Amplitude Noise
High Stability and Ultra-Long Lifetime



4.

PEDB-400D Control Cabinet

Safe and Beautiful



5.

PEDB-400D Floor Stand Computer Control Type

With 3D Working Table
Can Work at Any Place

6.

Fiber Laser Head

Play Laser Maximum Efficiency
Improve the Processing Quality



7.

Lifting Handle Design

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



8.

Professional Marking Software

Powerful Editing Function
Friendly Interface
Easy to Use
Support Windows XP. Win7 System.
Support DXF, PLT,
G-Code and Many Other Graphs





9.

PEDB-400D Marking Switch

Convenient to Identify
Easy to Operate



10.

Including Industrial PC

Set Circuit
Controller and Laser at an Organic Whole
Safe and Beautiful.
Dust Proof, Air Proof



11.

PC Display Holding Fixture

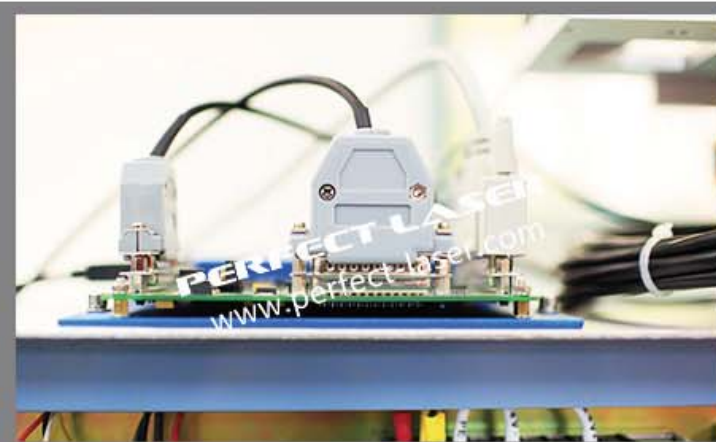
Holding Computer
Support Computer Flexible Moving
Saving Space
Convenient Operation



Exhaust Fan

Adopts the Heat Generated by the Air Cooling System Discharge Machine Work

12.



Standard Card

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

13.



Switching Power Supply

Output Power to Power the Machine

14.



Universal Wheel

Realize Flexible Mobile Machine in All Directions

15.

PERFECT LASER

Optional Items



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



2.

Online Flying System

Include 1.5*0.2*0.8m Conveyor
Photoelectric Switch will Induct the Products to Have Dynamic
Automatic Continuous Marking
Improve Production Efficiency to Have Mass Production

Packing & Shipping



Co2 Laser Marking Machine

Length (m)	Width (m)	Height (m)	Measurement (m3)	Net weight(kg)	Gross weight(kg)
0.76	1.02	1.7	1.32	200	250