

PERFECT LASER

3D Curve Surface Dynamic Focusing Fiber Laser Marking Machine

(Model: PEDB-400F)



1.

**2 Years
Guarantee for
laser sources**

2.

**3D Curve Surface
Laser Marking
Expert**

3.

**7000mm/s Fast
Marking Speed**

4.

Highest Precision

1. Suitable for any shape of 3d curve surface marking within the parameter requirements and marking different flat.

2. Suitable for 3d surface curvature change and different planar continuous marking.

3. Can be processed material such as plastic, mold, metal surface and different flat parts.

4. According to the 3d surface shape can be processed automatically adjust to the laser focal length.

5. A high degree of consistency and repeat-ability.





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



1.

World Famous Fiber Laser

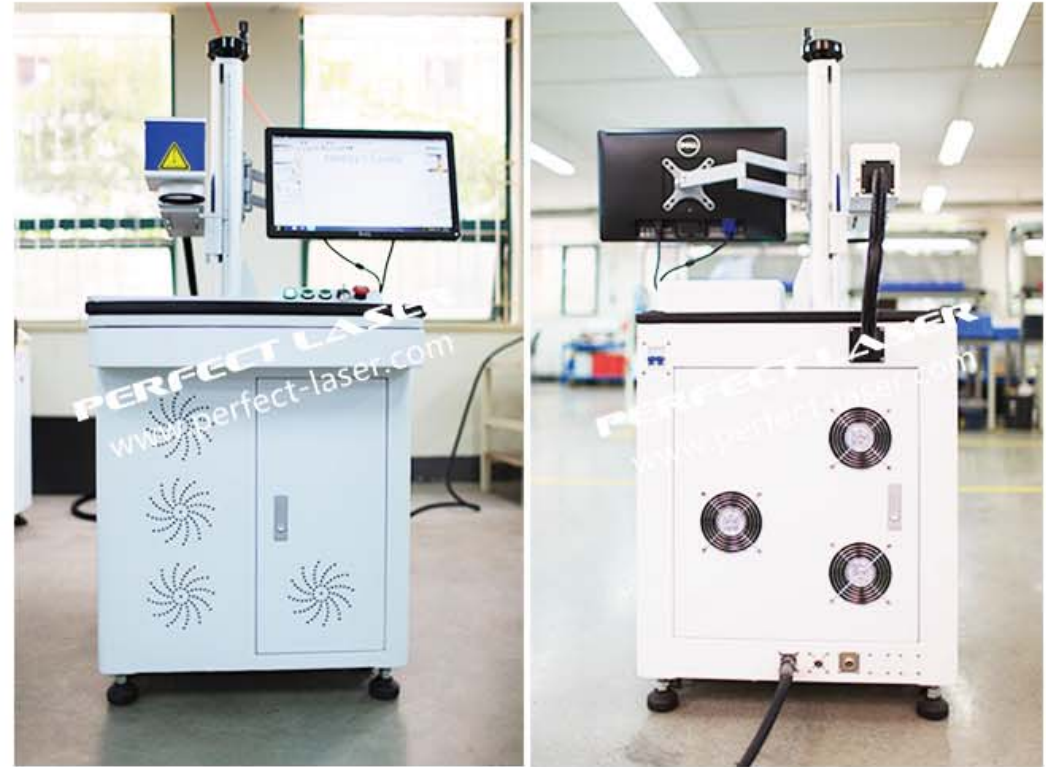
A Wide Selectivity of Operating Wavelengths
Ultra-Low Amplitude Noise
High Stability and Ultra-Long Lifetime



2.

PEDB-400D Control Cabinet

Safe and Beautiful



3.

PEDB-400D Floor Stand Computer Control Type

With 3D Working Table
Can Work at Any Place

4.

Marking Ruler Scale Indicator

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



5.

Fast Speed Digital Galvanometer Scanning Head

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

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

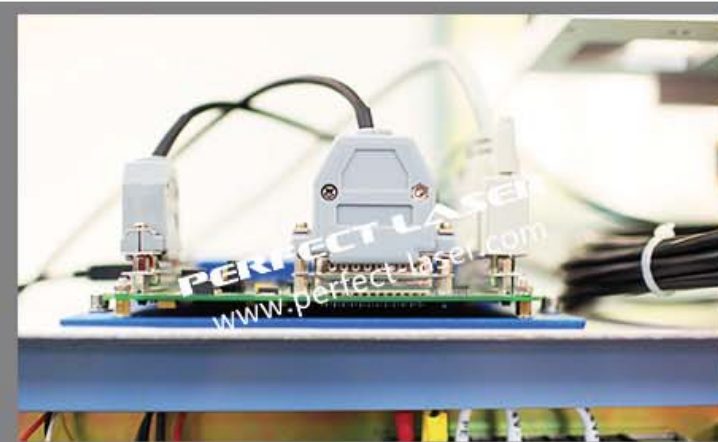
Holding Computer
Support Computer Flexible Moving
Saving Space
Convenient Operation



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.

Technical Parameter

	Model	PEDB-400F		
Laser	Output power	30W	50W	100W
	Pulse energy	1MJ	1MJ	1MJ
	Repetition frequency	30K-200KHZ	50K-200KHZ	5K-200KHZ
	Laser wavelength	1064nm	1064nm	1064nm
	Marking scope	110mm*110mm	110mm*110mm	175mm*175mm
Process	Optional	175mm*175mm	175mm*175mm	300mm*300mm
	Focusing range	≤±20mm	≤±20mm	≤±20mm
	Speed	≤10000mm/s	≤10000mm/s	≤10000mm/s
Software	Support font	TrueType font , AUTOCAD single font , customize font		
	Input file	PLT/DXF/DWG/SVG/STL/BMP/JPG/JPEG/PNG/TIFetc.		
Machine	Environmental requirements	Temperature : 10°C~35°C Humidity : 5%~75%		
	Input power	Single phase110V/220VOptional /50~60HZ		
	Machine power consumption	≤750W	≤1200W	≤1500W
	Machine size	1400mm×850mm×1699mm		

Packing & Shipping



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

- * 12 Months Guarantee
- * 5-7 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?