

PERFECT LASER

Laser Engraving Cutting Machine

Model: PEDK-9060





1. High Speed

Import Linear Guide Rail& optical system Marks Engraving Speed up to 1-60000mm/min

2. High Precision

Re-Position Precision is 0.0125mm

3. High Quality of Laser Beam

Good Quality laser beam, long lifespan

4. Available Data Networking

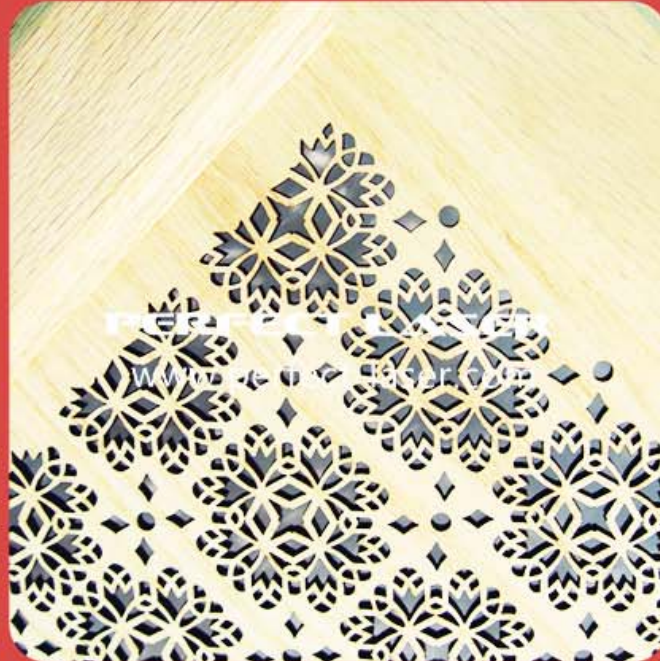
LCD Panel, Offline control , Computer

5. Integrated and Compact

BMP, HPGL, JPEG, GIF, TIFF, PCX, TAG, CDR, DWG, DXF, DXT

6. Easy Operating

Easy operation, VCD Training, Trouble Free



Observation window Design



Advanced LCD Screen control board+ USB port+offline control



Red Light Pointer Design



Front and Back Running-Through Design



1.

Advanced LCD Screen control board+ USB port+offline control

Can work with computer and connect to U disk, USB communication. 128M Memory can store files in the machine such as AutoCAD, CorelDraw etc.



2.

Front and Back Running-Through Design

Suitable for super-length material process, such as a roll of fabric. 30-50mm height, can make materials from front into back side, easy to put material through.

Imported aluminum material Honeycomb or Strip work table.



1.

Honeycomb Working Table For Your Option

Especially for fabric engraving which can absorb the fabric firmly .



2.

Thicken Strip Working Table for your option

Specially used for cutting and for heavy and hard products such as acrylic, PVC board cutting.



3.

Customized Double Working Table

Design for your different material engraving and cutting requirements.

Imported aluminum material Honeycomb or Strip work table.



4.

Ladder-Shape Drawer Design

Easily Collect and Getting The Cutting Object

5.

Laser Beam Stop when Opening Machine Cover

We design a special function to stop the laser beam come out when operator open the machine cover. So that ensure operator won't be hurt by laser beam, safe for operator. Other company don't have such design, so it will hurt operator sometime when using it.
(special design to ensure operator's safety)

PERFECT LASER



Professional Working Table For Your Option

Imported aluminum material Honeycomb or Strip work table.

6.

Working Table With Scale Design

Easy for operators to check the position of material and improve the accuracy of engraving cutting so as not to waste materials.

7.

Red Light Pointer Design

Red light pointer can realize the exact position of laser for invisible laser.

8.

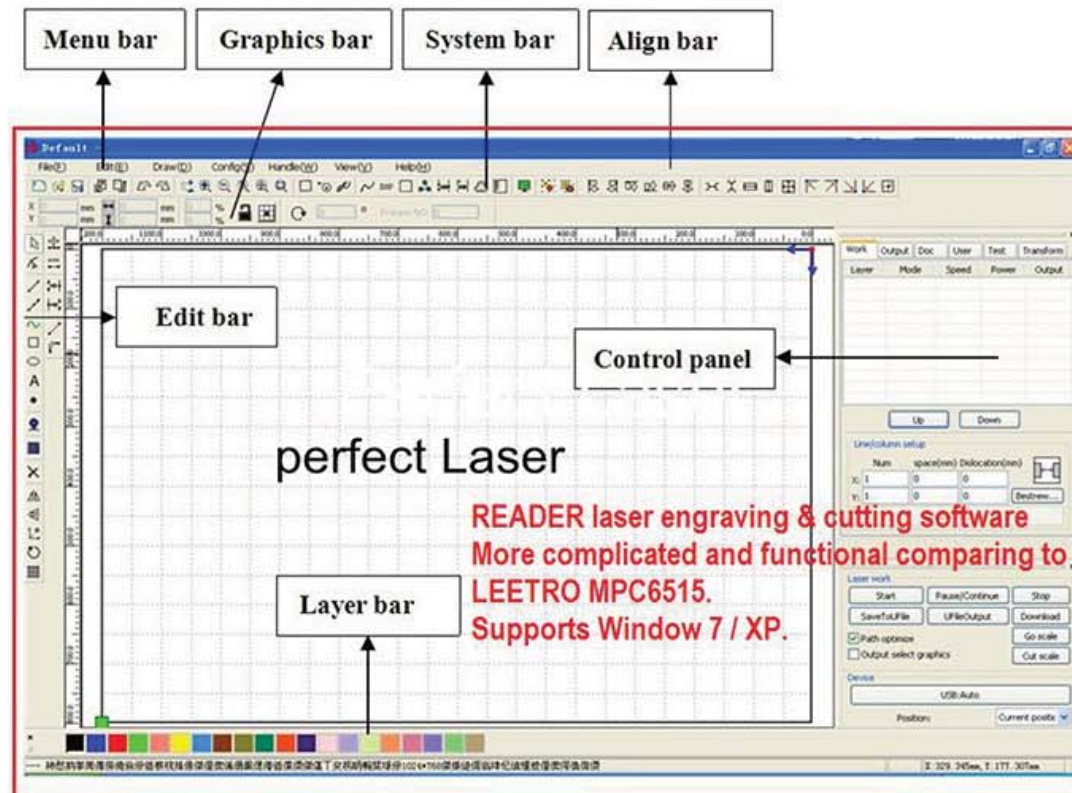
We Do Strict Testing for Each Laser Tube

We will test every laser tube before using them, in order to make sure the performance of laser tube and it has nice laser facular.

Professional Laser Engraving & Cutting Software

Particularly designed and written for engraving and cutting, with high compatibility, support any computer operating system.

Professional Reader cutting & engraving software with Powerful editing function, Friendly interface, Easy to installation and use which can support DXF, PLT, G-Code and many other graphs.(Powerful editing function, Friendly interface, Easy installation , support DXF, PLT, G-Code and many other graphs)





1.

Taiwan Imported high precision Linear Guide Rail

High speed and accuracy with lower noise & long life span. Helps laser head move smoothly and laser beam reflect with high accuracy



2.

Taiwan Made Ball Screw Rod

The motorized up and down table adopt Taiwan "Hiwin" brand ball screw rod and linear running guide rail which can improve the precision and accuracy of the machine.



3.

Laser Power Supply

Can supply sufficient laser power to the laser tube. With 5 years long-life span and stable performance.



4.

Water Chiller with Alarm Protection

CW-5000/CW5200 Water Chiller with temperature display, which can avoid over burning, to protect the water circulation from electricity-off.



5.

Laser Tube in 10000hours lifetime

Lifetime: 10000 hours, Warranty Period: 10 months,
Power: 60W / 80W / 100W / 130W / 150W / 170W



6.

Mirror and Lens

USA Imported Focus Lens and reflect mirror,
high efficiency and steady



7.

Reflector mirror holder

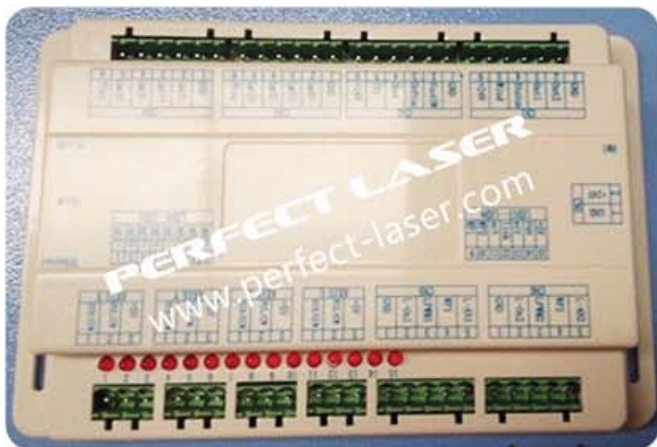
Focal Length adjusting Parts easy to find the center of the lens and find the right focal distance.



8.

High Speed Stepper Subdivision Driving Control System

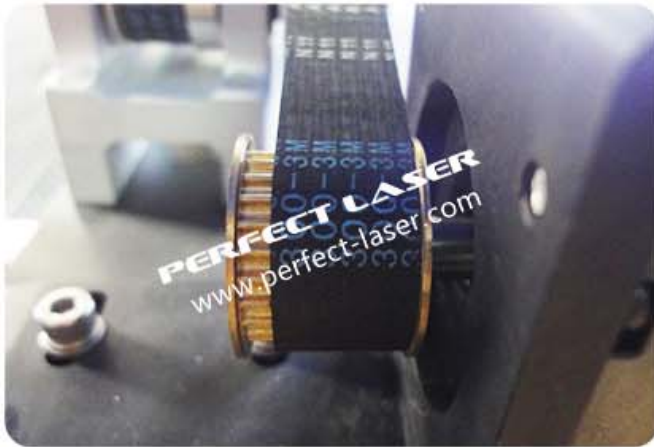
Numerical timing, simulation quantum control laser power, little error, repetition high precision, free of maintenance. Ensures the possibility of realizing extreme precise positioning, Makes moving positioning mechanism operate smoothly,



9.

Laser Control Card

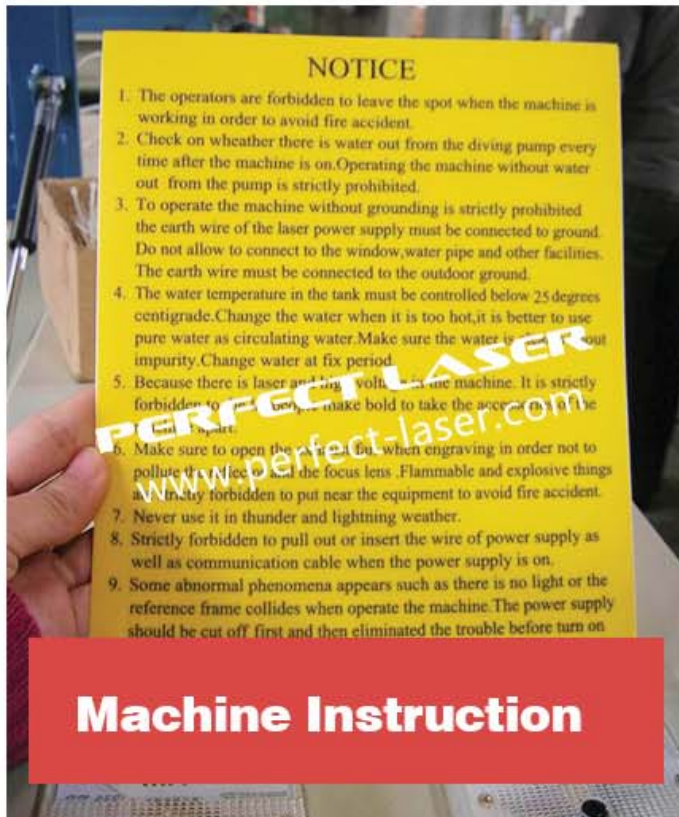
Adopt Chinese Top Brand "Reader" Laser Control Card



10.

Shanghai FULONG Brand Transforming Belt

Contains metal material in the rubber belt, so it is fasten and not easy to loose after even 5 years using.



Machine Instruction



Machine warning signs



1.

UP-Down system

Professionally Design for lift and lower the worktable for thick 20mm material and round object including auto focus system.

2.

Rotary Fixture

can engrave in 360 degree, usually applied in Advertisement and Craft work. for column or cone work piece surface. (Need work together with Motorized Up and Down System) Rotary Fixture is for the circle engraving of cylindrical or column work pieces. Need working together with Motorized Up and Down System.



Model	PEDK-9060	PEDK-13090	PEDK-160100
Working Area	900×600mm	1300×900mm	1600×1000mm
Laser Power	60W / 80W / 100W / 120W / 150W		
Laser Type	Hermetic and Detached Co2 Laser Tube		
Engraving Speed	1-60000mm/min		
Cutting Speed	PERFECT LASER www.perfect-laser.com	1-10000mm/min	
Repeat Location Accuracy	± 0.0125mm		
Laser Power Controlling	1-100% Manual Adjustment and Software Controlling		
Voltage	220V(±10%) 50Hz		
Cooling Mode	Water Cooling and Protect System		
Cutting Platform	Professional Thickening Strip or Honeycomb Work Table		
Controlling Mode	CNC Professional Control System		
Support Graphics Formats	BMP, HPGL, JPEG, GIF, TIFF, PCX, TAG, CDR, DWG, DXF Compatible HPG Order To Support DXF, WMF, BMP, DXT		
Power Controlling Mode	Laser Energy Combining Movement Control System		
Control Software	Professional ReaderLaser Engraving & Cutting Software		

Model	L*W*H	Volume	Weight
PEDK-9060	140*100*100mm	2.1CBM	250Kgs



- * 12 Months Guarantee
- * 7-10 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?