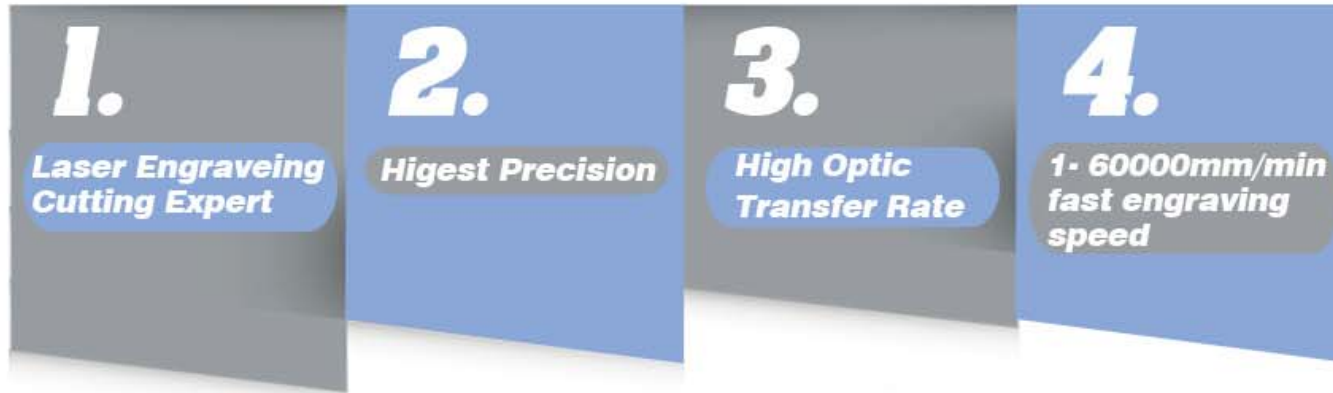


**PERFECT LASER**

# Laser Engraving & Cutting Machine

Model: PEDK-130180





### 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

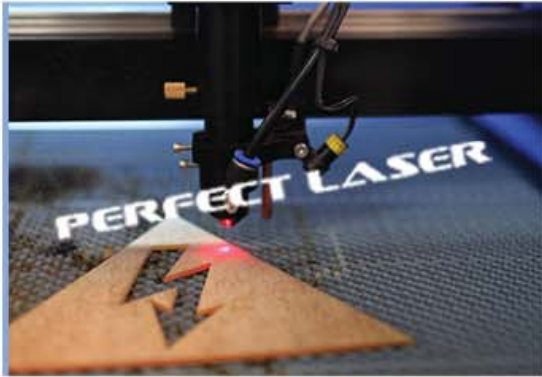
### 5. Integrated and Compact

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

### 6. Easy Operating

Easy operation, VCD Training, Trouble Free





Laser Cutting Head



Guide Rail



Control Panel



Laser Cutting Table



3.

### Advanced LCD Screen control board+ USB port+offline control

Owens 128M Big Memory Compatible with AutoCAD, CorelDraw, Photoshop

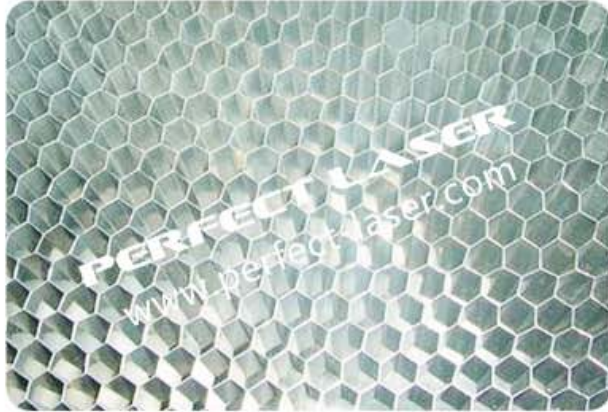


2.

### Special Front and Back Running-Through Design

Standard 30mm Height, 50mm optional, Easy to put material through.

## Work platform for your option



3.

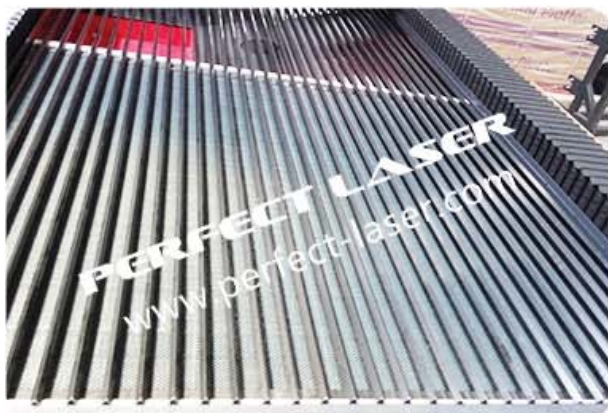
### Professional Honeycomb Working Table

Adopt Imported stable aluminum material Special used for Engraving



### Thicken Iron Strip Working Table

Specially Used for Cutting & Heavy Loading



### Double Working Table (Honeycomb + Strip)

Both for engraving and cutting Can be shifted .

# PERFECT LASER



6.

## Ladder-Shape Drawer Design

Easily Collect and Getting The Cutting Object



7.

## Special Mirror Holder Design

Easy to adjust the laser beam by find the center of the mirrors



8.

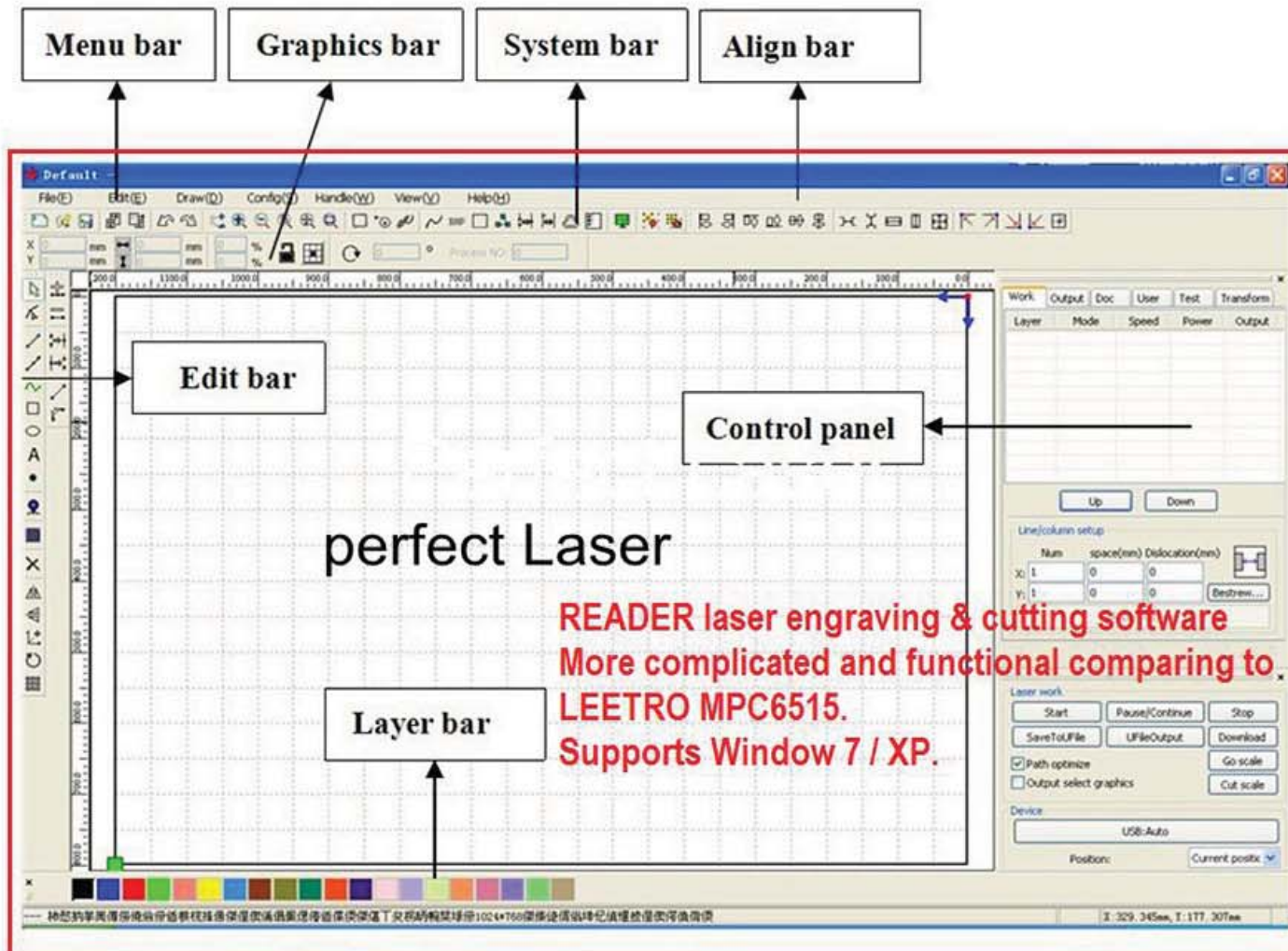
## Laser Tube

Hermetic and Detached CO2 glass Laser tube  
3000-10000hrs long lifetime

9.

## Professional Laser Engraving & Cutting Software

High compatibility 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

Have temperature display and alarm function  
Can avoid over burning  
Protects the water circulation from electricity-off.



5.

## High Speed Stepper Subdivision Driving Control System

Numerical timing, simulation quantum control laser power,  
Repetition high precision



1.

### Motorized Up-Down Work Table with Auto Focus Function

It can put material in different height, and to auto focus the laser beam distance, to realize different cutting depth requirement and high cutting precision. Less noise, provided with Auto Focus function.

2.

### Rotary Fixture

Need work together with Motorized Up and Down Table.



3.

### Auto Feeding & Rolling System for Fabric

Realize the fabric cutting automatically, such as one roller of cloth/fabric/leather/garment/carpet.



Model	PEDK-130180	PEDK-130250	PEDK-160260
<b>Working Area</b>	1300×1800mm	1300×2500mm	1600×2600mm
<b>Laser Power</b>	60W / 80W / 100W / 120W / 150W		
<b>Laser Type</b>	Hermetic and Detached Co2 Laser Tube		
<b>Engraving Speed</b>	1-60000mm/min		
<b>Cutting Speed</b>	PERFECT LASER www.perfect-laser.com	1-10000mm/min	
<b>Repeat Location Accuracy</b>	± 0.0125mm		
<b>Laser Power Controlling</b>	1-100% Manual Adjustment and Software Controlling		
<b>Voltage</b>	220V(±10%) 50Hz		
<b>Cooling Mode</b>	Water Cooling and Protect System		
<b>Cutting Platform</b>	Professional Thickening Strip or Honeycomb Work Table		
<b>Controlling Mode</b>	CNC Professional Control System		
<b>Support Graphics Formats</b>	BMP, HPGL, JPEG, GIF, TIFF, PCX, TAG, CDR, DWG, DXF Compatible HPG Order To Support DXF, WMF, BMP, DXT		
<b>Power Controlling Mode</b>	Laser Energy Combining Movement Control System		
<b>Control Software</b>	Professional ReaderLaser Engraving & Cutting Software		

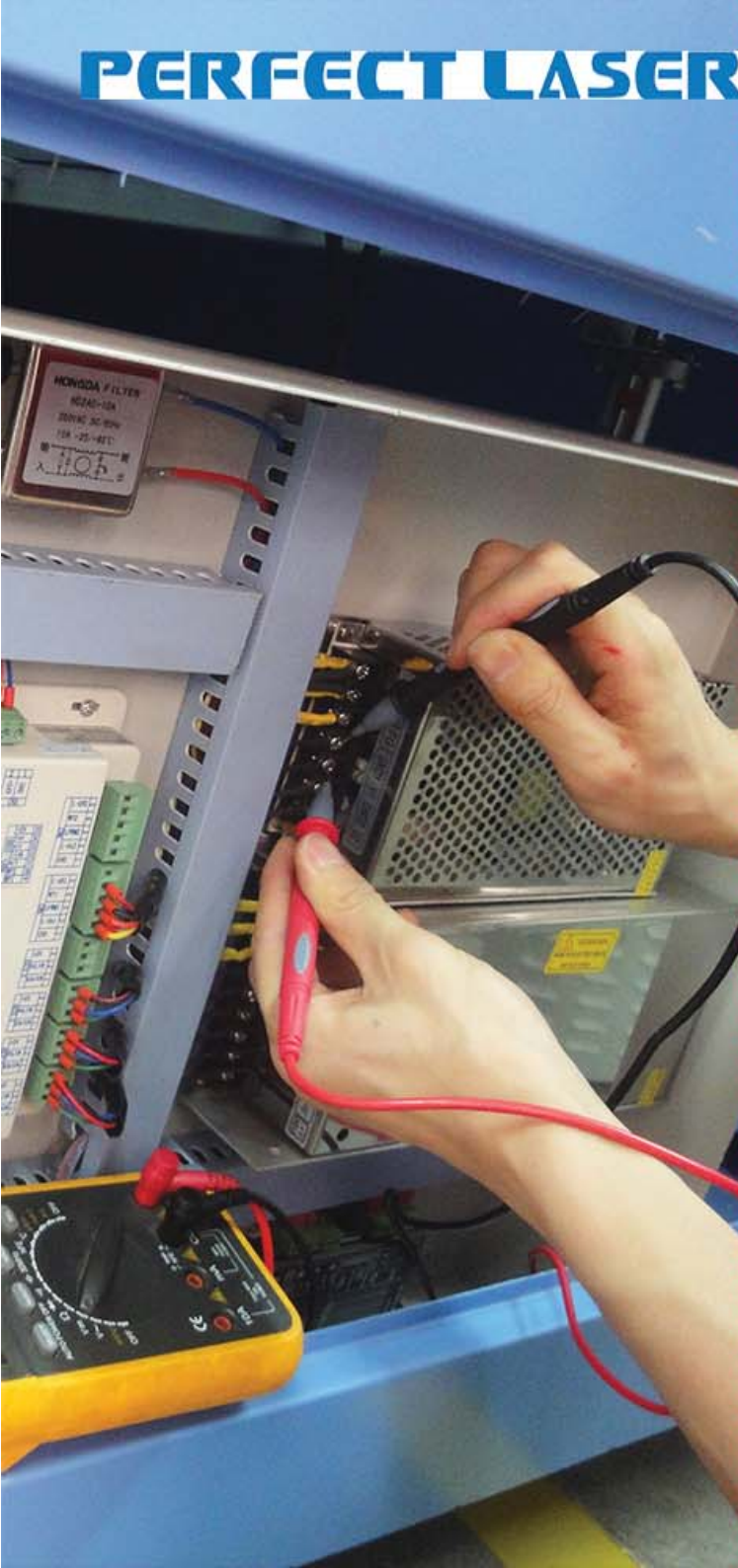
## Consumable

Item	Specification	One Year Using Quantity	Image
Item	8000-10000 hours lifetime Warranty Period: 10 months, Power: 60W-190W	4-6 pcs	
USA Imported Reflect Mirror	High transparent rate, Efficiency and long lifespan	4-8 pcs	
USA Imported Focus Lens	<ul style="list-style-type: none"> <li>* imported material</li> <li>* Protect the laser beam</li> </ul>	2-4 pcs	

## Consumable

Model	L*W*H	Volume	Weight
PEDK-130180	260*190*100mm	6.5CBM	400Kgs





## Terms and Conditions

- \* 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?