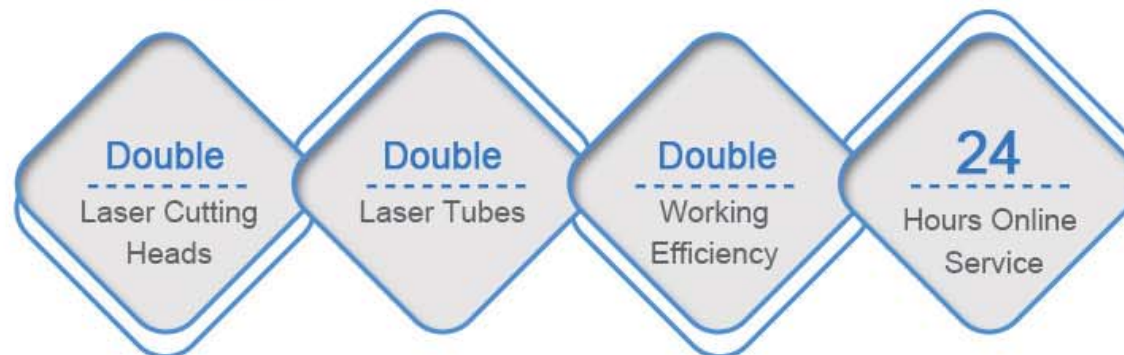


PERFECT LASER

Double Heads CO2 Laser Engraving Cutting Machine

Model : PEDK-140100 (II)



Double
Laser Cutting
Heads

Double
Laser Tubes

Double
Working
Efficiency

24
Hours Online
Service



- 1 20 years experience in producing laser engraving cutting machine
- 2 Customer-orientated
- 3 Wish to provide benefit to agents and customers
- 4 Free consulting, life-long service
- 5 Engineer overseas installation available
- 6 10000+ customers choice
- 7 Perfect Laser will be your best business partner

It is widely used in cutting and engraving acrylic, wood, fabric, cloth, leather, rubber plate, PVC board, paper and other kinds of non-metal materials with complex shapes.

Perfect Laser Tube Cutting Thickness on Different Materials

Max Cutting Thickness	40W	50W	60W	80W (3000H)	80W (10000H)	100W (3000H)	100W (10000H)	120W (10000H)	130W (10000H)	150W (10000H)
Acrylic	5mm	6mm	10mm	9/15mm (Best/Max)	9/15mm (Best/Max)	11/18mm (Best/Max)	12/20mm (Best/Max)	15/25mm (Best/Max)	15/25mm (Best/Max)	17/28mm (Best/Max)
MDF	1mm	2mm	4mm	5mm	5mm	6mm	6mm	8mm	8mm	10mm
Wood	3mm	5mm	8mm	10mm	12mm	13mm	15mm	18mm	18mm	18mm
PVC	2mm	3mm	4mm	5mm	6mm	8mm	8mm	9mm	9mm	10mm
Double Color Board	2mm	3mm	4mm	5mm	6mm	8mm	8mm	9mm	9mm	10mm
Rubber	2mm	2mm	3mm	4mm	4mm	5mm	5mm	6mm	6mm	7mm
Leather	2mm	3mm	4mm	5mm	6mm	7mm	7mm	8mm	8mm	10mm
Cloth	2mm	3mm	4mm	6mm	6mm	7mm	7mm	8mm	8mm	10mm
Paper	3mm	4mm	5mm	7mm	7mm	8mm	8mm	10mm	10mm	10mm



Acrylic



Color Plate



Plastic



Rubber



Silicone Bracelets



Baseball Bat



Label



Marble



Wood



Picture



Picture Frame



Paper



Textile



Jeans



Leather



Nonwoven cloth



Glass



Wine Bottle



Glass Cup



Wine Cup

01

Double Laser Cutting Heads

Double laser cutting heads can cut and engrave 2 pieces in one time, greatly improve the working efficiency.



02

Laser Tube

Two independent laser tubes also allow for redundancy against failure.



03

Professional Working Table

- 1) Strip table for heavy and thick materials, such as wood, MDF, acrylic, etc.
- 2) Honeycomb table for soft and thin materials, such as fabric, etc.
- 3) Design for your different materials engraving and cutting requirements.



Strip table



Honeycomb table



Double Work Table



04

The sturdy construction machine body



05

Front to back passing-through design (50mm height).
Open for larger pieces to put into machine.



06

Advanced LCD screen control + USB offline +128M
Big Store Memory.

Adopt advanced LCD screen control, you can import any file by U disk, and set parameter in the LCD screen easily.
Owns 128M Big Memory can store files in the machine such as AutoCAD, CorelDraw, Photoshop etc.



07

Observation Window: made of thicken visible acrylic material, high safety protection with cover.

The working will be stopped immediately when operator open this cover, so it ensure the safety of operator and won't be hurt by laser working.



08

Pull Rod

Stainless steel material with rust proof.



09

Power Switches

Provided with "Over-current protection" function, make the usage more safe.



10

Red Light Pointer

As laser light is invisible, red light pointer can realize the exact position of laser beam.



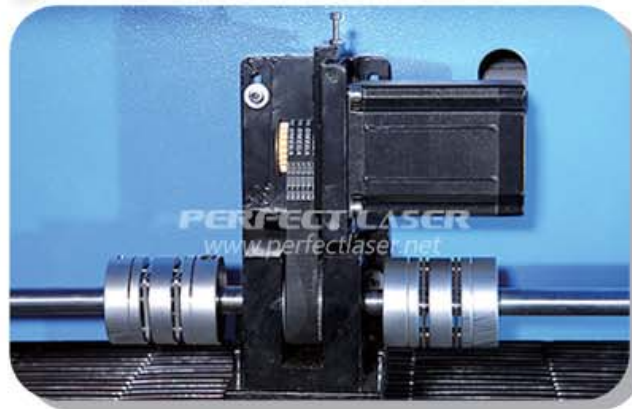
11

X Axis Motor



12

Y Axis Motor



13

Exhaust Port



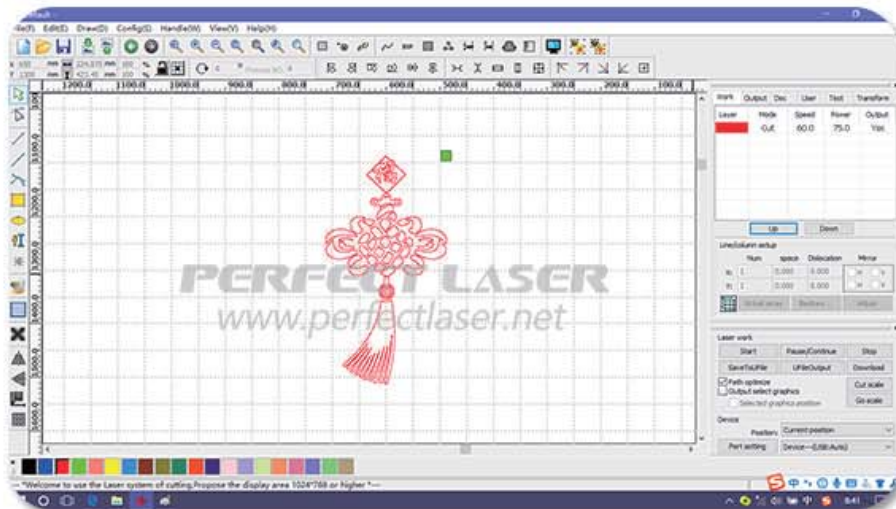
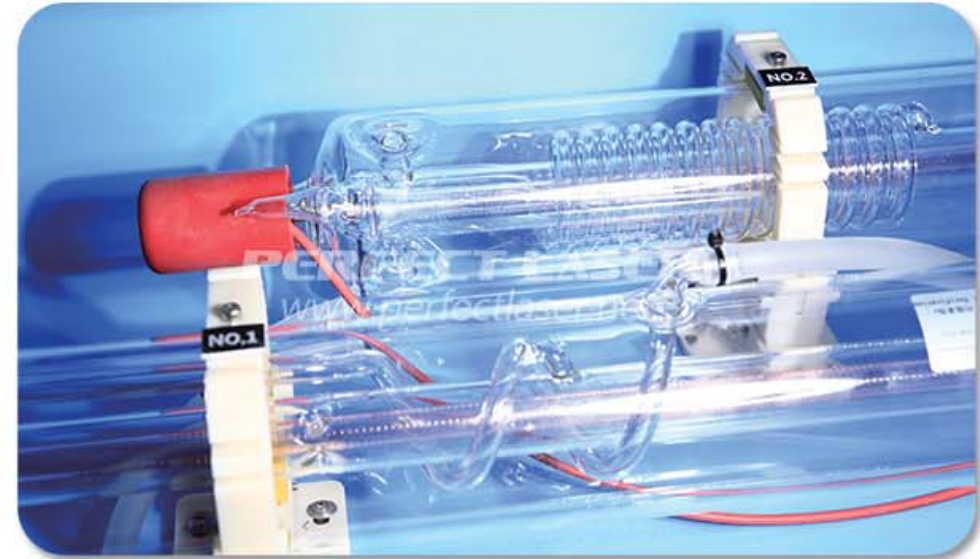


NO.01 We will test every laser tube before using them, in order to make sure the performance of laser tube and it has nice laser facular.



NO.02 Hermetic and Detached CO2 glass Laser tube

10000h long lifetime, we can choose the suitable laser tube power model according to different processing material thickness.



NO.03 Professional Laser Engraving & Cutting Software

Powerful editing function, friendly interface, easy installation, support DXF, PLT, G-Code and many other graphs.

01 Taiwan Imported "HIWAN" Linear Guide Rail

High speed with lower noise volume, high accuracy and long life span.



02 Taiwan Made Ball Screw Rod

Adopt Taiwan "Double-win" brand high precision ball screw rod, improve precision and accuracy much higher.





03

Laser Tube Lifetime

Lifetime: 3000-10000 hours,
Power: 60W / 80W / 100W / 130W
/150W / 180W

04

Water Chiller with Alarm Protection

Adopt CW series water chiller with temperature display. It can avoid over-burning, protect water circulation from electricity-off.



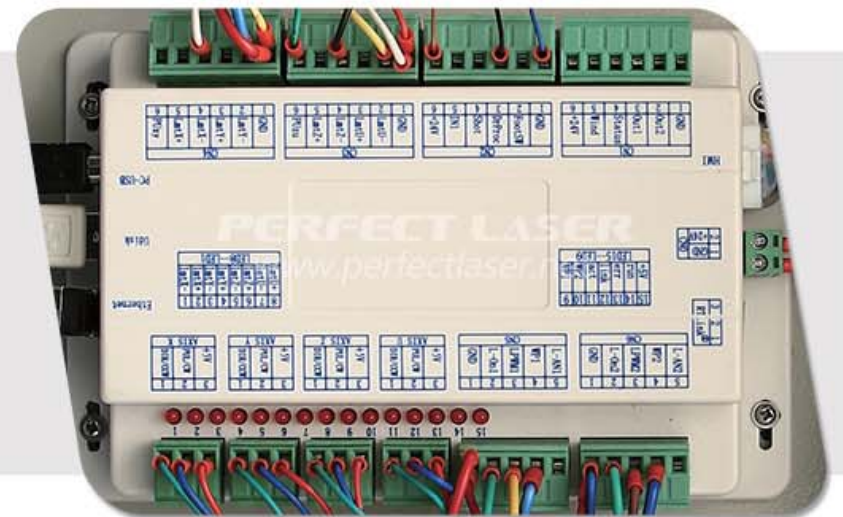
CW-3000 is for laser tube 60w-80w. CW-5000 is for laser tube 100w,
CW-5200 is for laser tube 120w-150w.



05 Air Pump

06 Laser Control Card

Adopt Chinese Top Brand “Reader” Laser Control Card. Stable performance.



07 High Speed Stepper Subdivision Driving Control System

Numerical timing, simulation quantum control laser power, little error, repetition high precision, engrave 1×1mm little English character perfectly.



08 Mirror and Mirror Holder

Focus lens and reflect mirror imported from USA, high efficiency and steady. Focal length adjusting parts easy to find the center of the lens and find the right focal distance.





09 Exhaust Fan

Exhaust the fog during laser working, ensure the pure environment.

10 Full-Direction Wheel

The machine uses full-direction wheels, can easy move and lock to fix the position.



01 Electric Up-down Platform

Since some solid work-pieces have different height, we use electric up-down platform. The lifting distance is 45cm, suitable for thickness >20mm materials.



02 Rotary Fixture

It is for engraving cylindrical or column work pieces. Need working together with motorized up-down table.



03 Auto Feeding & Rolling System

Suitable for engraving/cutting on one roller of cloth /fabric /leather /garment, make the whole processing finish one time.



Model	PEDK-140100(II) Double Heads
Working area	1400x1000mm
Laser power	100W(Standard) 60W/80W/130W/150W/180W(Optional)
Laser type	Hermetic and detached Co2 laser tube
Engraving speed	0-60000mm/min
Cutting speed	0-10000mm/min
Cutting thickness	0-25mm acrylic (others determined by materials)
Repeat location Accuracy	+/-0.0125mm PERFECT LASER
Driving mode	Stepper motor
Position system	Red dot
Interface	USB
Voltage	AC220V/50HZ or 110V/60HZ or depend on customer
Machine power	≤1000W
Controlling system	CNC professional control system
Support graphics mode	BMP,HPGL,JPEG,GIF,TIFF,PCX,TAG,DST, PLT,DXF etc.
Cooling mode	Circulation water cooling and protection system
Auxiliary devices	Exhaust fan and exhaust pipe
Cutting platform	Professional thickening strip or honeycomb work table
Power control mode	Laser energy combining movement control system
Software	Professional laser engraving & cutting software (reader software) PERFECT LASER
Operating temperature	0-45°C
Operating humidity	5-95%
Packing	Standard wooden box
Operation	Detailed video to teach customer how to operate the machine
Packing size	2.2*1.8*1.2m , 500 kgs

Terms and Conditions

1 Year
Guarantee

VCD
Training ,
Easy Installation

7-10
Working Days
Lead Time

PERFECT LASER

12 Hours
Response

TT/Western
Union / Paypal /
Ali Trade
Assurance
Payment

Sea
Shipping

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.