

**PERFECT LASER**

# Car Interior Decoration Parts Laser Cutting Machine

Model: PEDK-160100S / PEDK-160100S(II)



## **PERFECT LASER**

**Updated  
Technology**

**Friendly Man-  
Machine  
Interface**

**All in one  
function**

**One-one and  
customer-  
oriented  
service**

### **Product Application**

It is widely used to cutting car interior seat cushion, seat cover, car seat covers, car MATS, car cushion, car flexible fabric supplies a variety of seating cushion material cutting, including non-woven, polypropylene, blending, leather, composite, PU artificial leather, wool fabrics, woollen, ice silk, linen, lycra, peach skin,, cloth, leather, PU, microfiber, EVA, XPE composite leather, leather, sponge, sponge + cover + composite leather leather, PVC floor MATS, silk MATS.

It can also cut flexible fabrics, such as: luggage, ski suits, safeguarding supplies, swimwear, sportswear, tents, sofas, curtains, textiles and clothing.

1. The main designed for cutting car seat covers and related interior decoration materials. It can do cutting process for various kinds of car interior decoration materials with max width less than 1600mm.
2. Equip with Caterpillar working table and auto feeding system, which can do continuous feeding and precision cutting.
3. Continuous stitching function. The uncompleted cutting graphic on one material will be automatically deferred to the next material. It can cut inner parts and frame parts for one graphic at the same time by just feeding once. Intelligent typesetting system get the most effective and rational use of materials.
4. Continuous cutting function when power off. Cutting device can automatically memory cutting status when power off, machine can continue cutting after power on.
5. Equip with mini air compressor and air pump
6. Equip with Imported focus lens and mirrors, fine laser beam, strong laser power, avoiding laser power attenuation when cutting caused by optical transmission problems using traditional laser equipment.
7. Adopt strong cooling industrial-grade equipment to ensure a long operating cycle when the water temperature is always kept cold state, the laser tube light stability, and to ensure that the laser tube life;
8. Adopt Taiwan Hiwin precision linear square rails, to ensure the smooth operation of the laser head, high-speed, no jitter, having slit small, fast, high accuracy;

Material List for Cutting

Material	Cutting
car upholstery	✓
seat covers	✓
carpets	✓
blankets	✓
non-woven	✓
polypropylene	✓
leather	✓
PU artificial leather	✓
wool fabrics	✓
microfiber	✓
PVC floor MATS	✓
textiles and clothing	✓





Laser Cutting Head



Control Panel



USB Port



Power Switch

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

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



## 2. Special Front and back running-through

Professionally Design suitable for super-length material process, such as a roll of fabric. 30-50mm height, can make a unique door for the limitless engraved materials come through from front into back side, easy to put material through.

**3.**

**Laser Beam Stop when Opening Machine Cover**

Stop the laser beam come out when operator open the machine' s cover. So that ensure operator safety won' t be hurt by laser beam, safe for operator.

One head



Double heads



# 4.

## Auto Feeding & Rolling System for Fabric

Suitable for engraving/cutting on one roller of cloth /fabric /leather / garment, the machine can be fixed with a selective rolling & automatic feeding system, which make the whole cloth processing steps finish one time. realize the long work piece automatically completely, such as one roller of cloth/fabric/leather/garment.

Front Side



Back Side

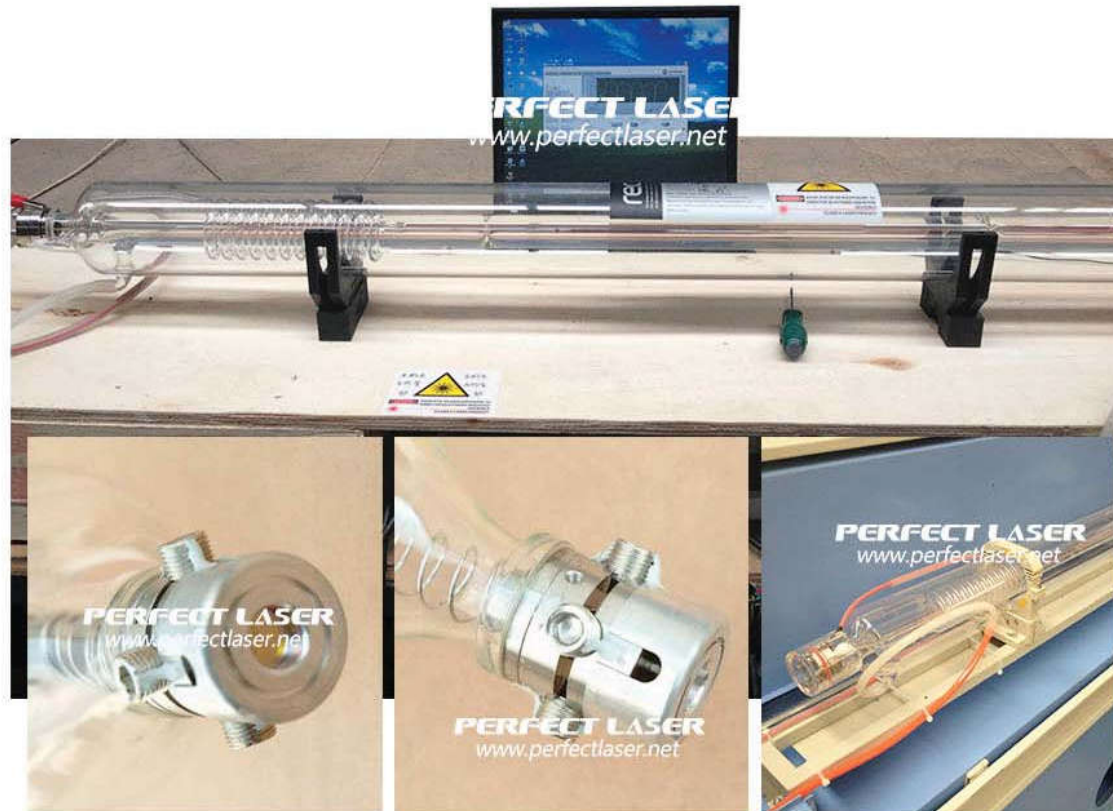




# 7.

## 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.



**8.**






**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.



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**Technical Parameters**

	PEDK-160100S One head	PEDK-160100S(II) Double heads	PEDK-160260S One head	PEDK-160260S(II) Double Heads
Model				
Processing table size	1600*1000mm	1600*1000mm	1600*2600mm	1600mm*2600mm
	Equip Rolling and Automatic Feeding System			
Laser model	Sealed CO2 laser tube			
Processing table	Caterpillar work platform			
Laser power	150W(optional 100w 130w)			
Machine power	3KW			
Cutting Speed	 0-72000MM/Min <a href="http://www.perfectlaser.net">www.perfectlaser.net</a>			
Interface port	Ethernet ports			
Cutting thickness	0.3-20mm			
Work humidity	5-95%No Condensation			
Controlling Mode	CNC Professional Control System			
Cooling Mode	Water Cooling and Protect System			
Working Voltage	AC220V±10% 50HZ			
Assist Equipment	Constant temperature protection water chillers, turbine dust exhauster, oil-water separator, silent air compressor			
Power Controlling Mode	Laser Energy Combining Movement Control System			
Control Software	Original Perfect Laser's Engraving & Cutting Software			
Support Graphics Formats	BMP, HPGL, JPEG, GIF, TIFF, PCX, TAG, CDR, DWG, DXF Compatible HPG Order To Support DXF, WMF, BMP, DXT			