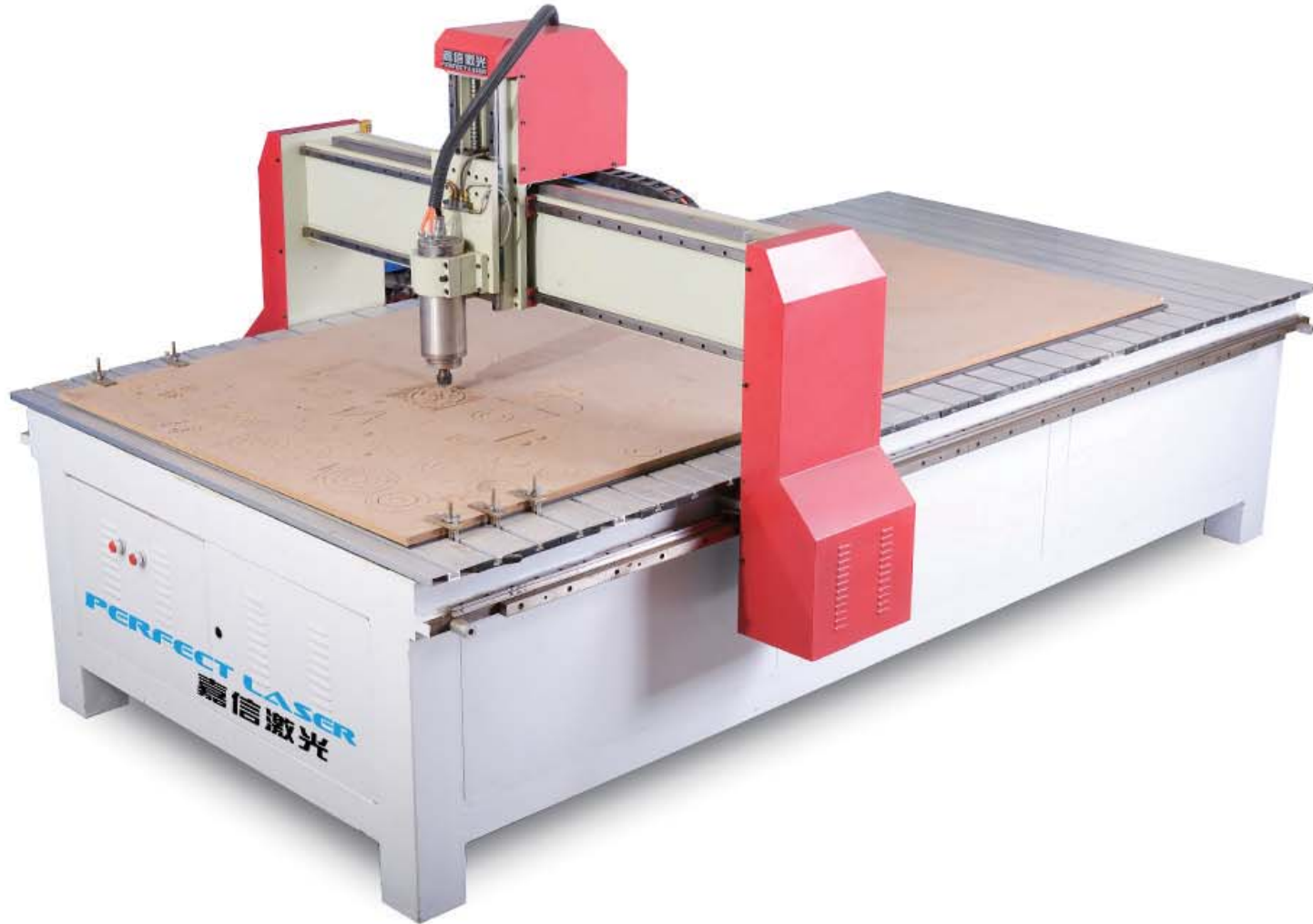
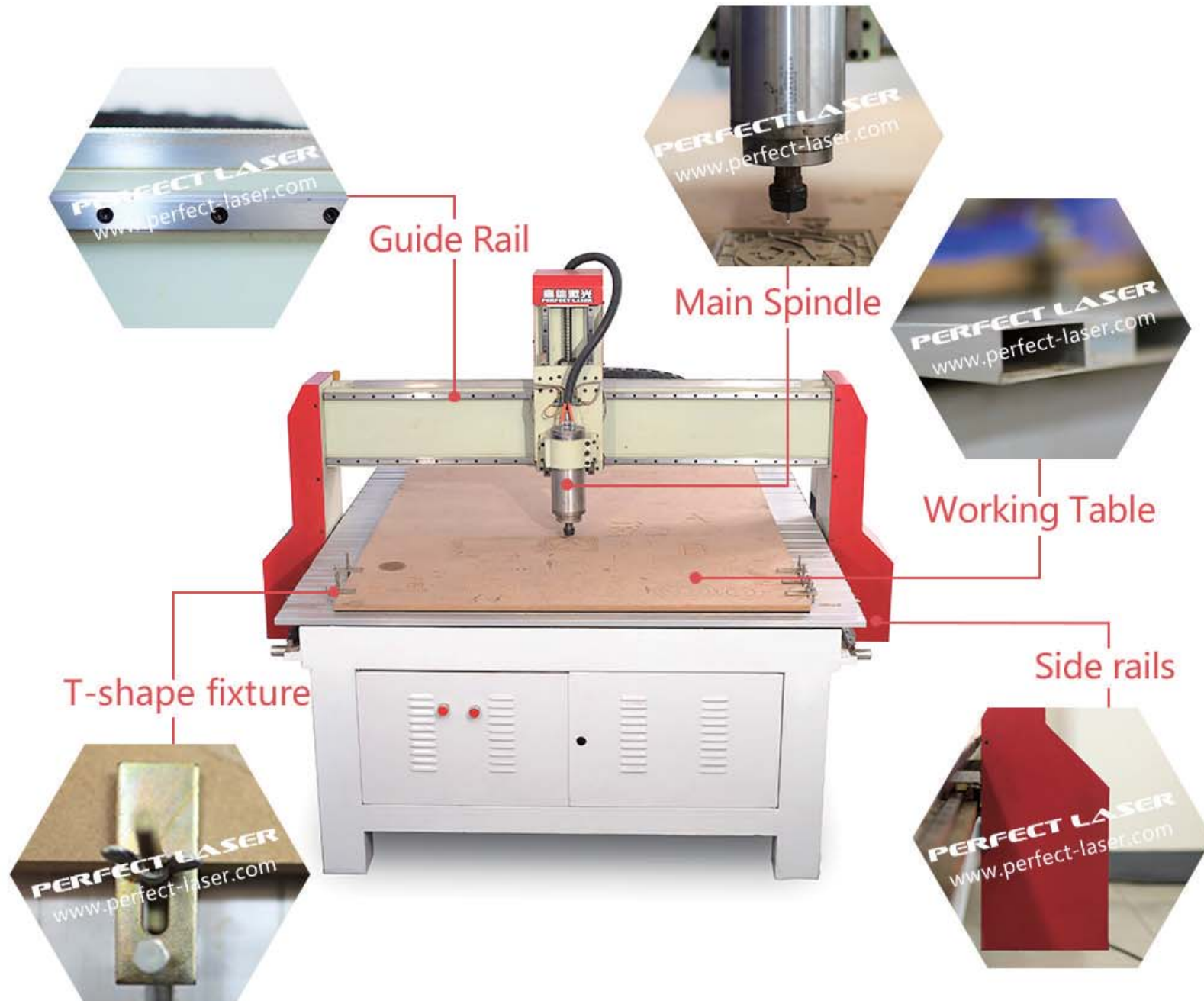


**PERFECT LASER**

# **CNC Router PEM-2030**









**1.**

## **Break Point and Break knife Continue Engraving Function**

Can engrave at any place as you like.



## **Product Features**

**2.**

### **Large Internal Memory Capacity**

Capacity of over 500M is able to store 40 processing files simultaneously and open and process any of them.

**3.**

### **The Compatibility**

Can work with CAD/CAM software such as Type 3 /Artcam / Castmate / Proe /CorelDraw /Artcut (Window98/NT/2000/XP)





**4.**

## **Auto Tool Correction Function**

Adopted friendly design, use 5 cylinders to keep the correct position when machine work. Enable higher precision and save working piece when do cutting and engraving.



**5.**

## **No Dust Oiling Structure**

Guarantee the long term running of the mechanical aspect



**6.**

## **High Power Frequency Changing Water Cooled Spindle**

Can process hard materials efficiently.  
Enable long-term use and high power of spindle



**1.**

### **Steel Structure Bed, Gantry Type, Stable and Bearable**

Adopt integral iron casting machine body. Non-deformation configured with international advanced high precision linear rail(AMT or HIWIN),more stable movement, long lifetime using.



**2.**

### **Germany High Technology Main Spindle**

Water cooling, high power spindle, low noise, and big cutting force to assure the long time working



**3.**

### **Taiwan Linear Guide Rail**

The bearing of the lead guide rail is face to face Using precision is high for a long time.



**4.**

### Drive Chain

Protect all the electrical wires.  
Easy to find the errors by pointing different color of wires inside of the chains.



**5.**

### Power Switches

With "Over-Current Protection"  
function design,  
more safe during long-term using.



**6.**

### Chinese Top Brand Motor and Driver System

Independent high-speed "Leadshine"  
motors and drivers.  
High-power cutting spindle assures  
high carving speed.





**7.**

### **T-shape Fixture**

Can tightly lock the work-pieces (such as wood sheet, acrylic sheet).  
No move, No shake.  
Avoiding to waste work-pieces



**8.**

### **Drilling Head for Knife Tools**

Provide different model in terms of different power  
Firm, tight and shaped



**9.**

### **Engraving Knife**

Adopt hard alloy  
Not easy to worn  
Can work for long time





**10.**

### Pump

China Top brand Pump, the pressure is powerful, to help cooling spindle through inlet and outlet system efficiently, enable long-term use and high power of spindle.



**11.**

### Type 3 Software

Graphic clear, more powerful carving function, high precision. Easily make relief, and other three-dimensional sculpture.



**1.**

### Advanced DSP Digital-Control System

Handle operation and large liquid crystal display brings out more convenient operation, simpler maintenance and more human nature on the design of the machine



**2.**

### Rotary Fixture

Special design for engrave round and cylindrical work-pieces  
Standard Diameter is 150mm  
Bigger diameter can be customized according to your demand

Stainless Steel Water Slot



3.

### Water Cooling System & Stainless Steel Water Slot (special design for metal)

Water cooling system:

Cooling the heat of cutting knife when engraving metal products

Stainless steel slot:

Used in flushing the scraps, especially in cutting, engraving metal work-pieces



4.

### Eight Point Vacuum Table with Air Pump

Can tightly absorb wood and acrylic sheet during working

Can absorb any shape of work-pieces

No need to use any fixture assist

Save time and human energy

Easy to use, stable performance





## Optional Items

5.

### Single / Double Dust Collecting System

Collect and clean the scraps and powder (such as wood and acrylic powder) on the work table  
Protect the nice working environment  
Guarantee the long term running of the machine



6.

### Acrylic Polishing Machine (Special design for Acrylic)

Specially used for polishing acrylic edge  
Can modify acrylic edge to be smooth and elegant

## Optional Items



Model	PEM-2030
XYZ Working Size	2000*3000*200mm
Machine body	Thick-walled steel pipe welding
Table surface	T-slot table
XY structure	Skew rack and pinion drive,HIWIN square linear rail
Z structure	Ball screw drive,HIWIN square linear rail
Spindle	3.0kw water cooling
Spindle speed	0-24000RPM
Drive motor	Stepper system
Max.Rapid Travel Rate	35000mm/min
Max.Working speed	12000mm/min
Control system	DSP Richauto original
Software	Type3,Artcam,Ucancam
Command	G code
Machine precision	0.01mm
Repositioning precision	0.03mm
Working voltage	AC 220V/380V
Machine size	2400mm X 3700mm X 1700mm
Net weight	2000KG
Dust collector	Optional





- \* 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?