



Feature:

1. Whole machine is welded with seamless steel structure,the stability is excellent, not easy to be deformed.
2. The machine adopts gantry movement,it can process any kinds of materials freely.
3. It has the 4th rotary which is used for engraving cylinder work piece.
4. Three axes adopt imported high precision Taiwan Hiwin linear guideway;X and Y axes adopt

rack and pinion transmission,fast working,high efficiency and low cost;Z axis adopts Germany ball screw,with high precision and long life time.

5. Adopting advanced DSP system with USB connection,operated with the handle,convenient operation.Our engaber can completely work off-line and do not take any computer resources.

6. Well compatibility:CAD/CAM designing software e.g.

Type3/Artcam/Castmate/Wentai etc.

7. It has the function of re-carving after break point and power failure.

8. It has the function of forecasting process time.

9. Auto oiling lubrication system

10. Adopting high-torque stepper motor and driver,with steady working capability and high positioning precision.

Technical Parameter:

Model	PC-1212KY	PC-1224KY	It can be customized
X.Y working area(mm)	1200*1200	1200*2400	
Z working area	300mm		
4th rotary axis diameter	<200mm		
Resolution	0.02mm		
X,Y structure	Rack and pinion transmission		
Z structure	Germany ball screw		
Max speed	25m/min		
Spindle power	2.2KW/3.0KW(It is optional)		
Spindle rotating speed	0-24000r/min		
Cooling mode	Water cooling		
Working voltage	AC220V/50/60 Hz ,2PH		
Drive Motor	Stepper /Servo Motor		
Command	G code*.u00*.mmg*plt		
Operating system	DSP(with separate operation cabinet)		
Interface	USB		
Diameter of cutter(mm)	3.175--12.7		

Work-holding	By clamp
Net weight	900kg

Applicable industries:

Wood processing:processing of various furniture such as door,window,cabinet,craft wood door,screen and so on.

Advertisement:engraving and cutting various labels and number plate.

Art craft:engraving characters of any languages and graphics on gifts and souvenirs.

Applicable materials:

Wood,aluminum board,plastic,density board,wave board,PVC,acrylic,crystal,light marble and other nonmetal

materials and light metal materials.