



Features:

- 1.This kind machine is special designed for mould industry,the gantry is heightened. It can be used to processing large foam, suitable for processing large ultra-thick material.
- 2.It adopt iTaiwan HIWIN linear guideway, self-lubricating block.When carving equal force in all directions to ensure that the mechanical precision and intensity.
3. Whole machine is welded with seamless steel structure, the rigidity is good , not easy to be deformed. The side board of gantry adopt steel structure.
4. X and Y axes adopt rack and pinion transmission,fast working,high efficiency and low cost;Z axis adopts Taiwan ball screw,with high precision and long life time.
5. Well compatibility:CAD/CAM designing software e.g.Type3/Artcam/Castmate/Wentai etc.
6. It has the function of re-carving after break point and power failure.
7. It has the function of forecasting process time.

8. It has dust-collect function. It will clean up the carving residuum and make the operations more convenient.
9. Auto oiling lubrication system.
10. Advanced design of the machine make sure strong cutting and guarantee the engraving precision.

Technical Parameter

Model	PC-1212PH	PC-1224PH	It can be customized
X.Y working area(mm)	1200*1200	1200*2400	
Z working area(mm)	300/400/600		
Resolution	0.01mm		
X,Y structure	Rack and pinion transmission		
Z structure	Taiwan ball screw		
Max speed	45m/min		
Spindle power	2.2kw/3.0KW/4.5kw/6kw/7.5kw		
Spindle rotating speed	0-24000r/min		
Cooling mode	water cooling		
Working voltage	AC380V/50/60 Hz ,3PH		
Drive Motor	Stepper(Option:Servo)		
Command	G code*.u00*.mmg*plt		
Operating system	NC Studio(Option:DSP,SYNTEC,LNC)		
Diameter of cutter	3.175--12.7		
Work-holding	By suction		
Net weight	1800kg		

Applicable industries:

This machine can be used for mold manufacturing ,advertisement engraving and cutting, stone processing, wood processing, craft manufacturing, building mould cutting, indoor decoration cutting, light equipment mould,processing, sign and mark manufacturing, acrylic board processing,PCB circuit board engraving, MDF board processing.

Applicable materials:

Wood,aluminum board,plastic,density board,wave board,PVC,MDF,acrylic,crystal,soft stone and other nonmetal materials and soft metal materials.