



**Feature:**

1. Whole machine is welded with seamless steel structure,the stability is excellent, not easy to be deformed.
2. The Spindle equipment is the first brand of the world, 3.0KW China domestic made water cooling spindle.
3. Three axes adopt imported high precision Taiwan square orbit;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.
4. Well compatibility:CAD/CAM designing software e.g. Type3/Artcam/Castmate/Wentai etc.
5. Has the function of re-carving after break point and power failure.
6. Has the function of forecasting process time.
7. 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.
8. Has dust-collect function. It will clean up the carving residuum and make the operations tidier and more convenient.
9. Auto oiling system
10. China domestic no oil vacuum pump, also can equipped with different vacuum pumps according to customer requirements.
11. Advanced design of the machine make sure strong cutting and guarantee the engraving precision.

**Technical Parameter:**

|                  |               |
|------------------|---------------|
| Model            | PC-1325V      |
| X.Y working area | 1300mm*2500mm |
| Z working area   | 200mm         |
| Table size       | 1480mm*3000mm |
| Resolution       | 0.02mm        |

|                        |                                      |
|------------------------|--------------------------------------|
| X,Y structure          | Rack and pinion transmission         |
| Z structure            | Taiwan ball screw                    |
| Max speed              | 30m/min                              |
| Spindle power          | 3.0kw                                |
| Spindle rotating speed | 0-24000r/min                         |
| Cooling mode           | Water cooling                        |
| Working voltage        | AC380V/50/60 Hz ,3PH                 |
| Drive Motor            | Stepper                              |
| Command                | G code*.u00*.mmg*plt                 |
| Operating system       | DSP(with separate operation cabinet) |
| Interface              | USB                                  |
| Flash Memory           | 128M                                 |
| Diameter of cutter     | 3.175--12.7                          |
| Work-holding           | By suction                           |
| Net weight             | 1200kg                               |

**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.