



## 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, 4.5KW Italy HSD air cooling spindle. It is fit for engraving and cutting on density board, solid wood material.
3. Three axes adopt imported high precision Taiwan square orbit;X ,Y and Z axes adopts Imported 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. Has dust-collect function. It will clean up the carving residuum and make the operations tidier and more convenient.
8. Auto lubrication system.
9. China domestic no oil vacuum pump, also can equipped with different vacuum pumps according to customers requirements
10. Adopting high-torque YASKAWA servo motor and driver,with steady working capability and high positioning precision.
- 11.Oil spray cooling system.

## Technical Parameter:

|                        |                                      |
|------------------------|--------------------------------------|
| Model                  | PC-1325VB                            |
| X.Y working area       | 1300mm*2500mm                        |
| Z working area         | 200mm                                |
| Resolution             | 0.01mm                               |
| <b>X,Y structure</b>   | <b>Imported ball screw</b>           |
| <b>Z structure</b>     | <b>Imported ball screw</b>           |
| Max speed              | 45m/min                              |
| <b>Spindle power</b>   | <b>4.5kw HSD air cooling spindle</b> |
| Spindle rotating speed | 0-18000r/min                         |

|                                |                          |
|--------------------------------|--------------------------|
| Cooling mode                   | Air cooling              |
| Working voltage                | AC380V/50/60 Hz ,3PH     |
| <b><u>Drive Motor</u></b>      | <b><u>Servo</u></b>      |
| Command                        | G code*.u00*.mmg*plt     |
| <b><u>Operating system</u></b> | <b><u>NC Studio/</u></b> |
| Diameter of cutter             | 3.175--12.7              |
| <b><u>Work-holding</u></b>     | <b><u>By suction</u></b> |

### 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.