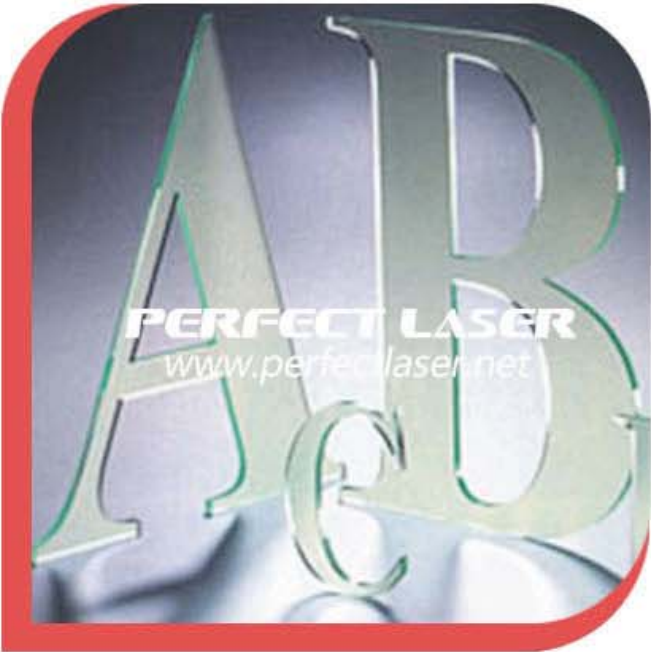


PERFECT LASER

PEM-1212 3 Axis CNC High Speed CNC Router Engraving Machine





Perfect Laser is a world famous CNC router suppliers.

PEM-1212 CNC router is designed with pure aluminum, which ensures the parallelism and greatly increases the precision and speed of the engine bed.

PEM-1212 CNC router for woodworking is applied in cutting of kneading board of large size and making of large-scale relief and label. The size of high precision CNC router is calculated and customized according to optimization rules in market Statistics.

Product Features

- ◆ 1) X, Y, Z axis use imported ball bearing guide screws. 3 axis cnc machine' s precise and fast. Even the letters of 1mm can be clearly discernible. The small-power cnc router cutting machine uses stable main spindle, it' s an sutiable product for manufacturing moulds in batches, labels and construction models.
- ◆ 2) High speed calculation the high precision CNC router uses DSP64 contouring control system and FPGA technology which can continually and smoothly run the three axes with high speed. It has the ability of calculation of 5000 vector/s.
- ◆ 3) Steady data transmission .The data transmission uses the technology of ISA/IP DNC/IP straight association, which can associate the machine without interruption, and it has no limitation of the amount of the document.

Model	PEM-1212
Power stroke of X,Y,Z axis	1220×1220×120mm
Size of working table	1450×1780mm
Power of main axle	1.5KW
Running location precision of X,Y, Z axis	+/-0.03mm <small>PERFECT LASER www.perfectlaser.net</small>
Repeating location precision of X,Y,Z axis	+/-0.01mm
Power stroke of Z axis	120mm
Working style	Stepping motor
Spindle speed of frequency conversion main axis	6000-24000rpm/min
Working voltage	AC220V/50HZ
Engraving order	G Code. u00mmg
Optional main axis and Cartridge	φ3.175.φ6
XY Running sensitivity	< 0.02mm

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