

PERFECT LASER

PEM-6090 1.5kw 2kw Spindle CNC Router Engraver





Perfect Laser is a world leading manufacturers for CNC router.


PEM-6090 CNC router engraver is a kind of 3 axis cnc router which is designed with pure aluminum, which ensures the parallelism and greatly increases the precision and speed of the engine bed.

This CNC router engraver is applied in cutting of kneading board of large size and making of large-scale relief and label. The size of theCNC router engraver is calculated and customized according to optimization rules in market Statistics.

China CNC router covers main sizes of marks and labels in the market.

Product Features

- ◆ 1) X, Y, Z axis use imported ball bearing guide screws. It' s precise and fast. Even the letters of 1mm can be clearly discernible. The small-power machine uses large-power main axis, it' s an ideal product for manufacturing labels, construction models and moulds in batches.
- ◆ 2) High speed calculation It 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) Steble data transmission. Adopt ISA/IP DNC/IP straight technology, it associate the machine without interruption, enable no limitation of the amount of the document.

Product Name	CNC Router for Advertising				
Model	PEM-6090	PEM-1212	PEM-1215	PEM-1218	PEM-1325
Working Area	600*900mm	1200*1200mm	1200*1500mm	1200*1800mm	1300*2500mm
Table Material	Aluminium Alloy				
Maximum Feed Height	80mm				
X,Y,Z Guideway Rails Type	Round Shape Guide Rail, Rod Transmission				
Max Engraving Speed	4,000-7,000mm/min			 www.perfectlaser.net	
Resolution Ratio	0.002mm				
Repetition Accuracy	±0.02mm				
Spindle Power	1.5KW (Optional 2.2kw, 3kw,4.5kw)				
Spindle Rotating Speed	6000 - 24,000rpm				
Spindle Cooling	Water Cooling				
Drive Motor System	Step Motor and Step Driver				
Interface	PCI Port or USB Port				
Memory Buffer (Flash)	128MB				
Engraving Command	G code, u00, mmg, PLT, HPG				
Command Language System	English Version, Windows 98/2000/XP Operation System				
Operational Software	Original Type3 Software, ArtCam Software or Wentai Software				
Command Language System	English Version, Windows 98/2000/XP Operation System				
Software Compatibility	Support CAD/CAM Software, PLT format, Corel Draw, Auto CAD				
Working Temperature	0-45°C				
Relative Humidity	30% - 75%				

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