

CNC-PDM-6060

CNC router (Metal Engraving Machine)



Performance:

1. Matches with the German double nut and ball bearing guide screw.
2. Adopts straight line guide rail. The load-bearing surface with straight line guide rail is a surface contact and the life is 2200 times longer than ordinary rails. Its precision keeps high even with long time use.
3. Uses high speed drive motor. Its speed is enhanced nearly 6' higher than original type.
4. X axis uses the popular dustproof structure, which guarantees long-term performance characteristic.
5. Memory to insure the processing point when the blade is broken or postpone situation.
6. With good compatibility. This machine can work with many programs, such as Type3/artcam/castmate/proe/Corelerow/CAD/CAM. The machine can do fine relief, 2D and 3D products.
7. Big power water cooled frequency spindle motor, which can ensure to work on hard material.

Technical parameters:

Model: CNC-PDM-D6060

Machine body: Cast iron or cast aluminum

Work dimensions: 24" x 24"

Body dimensions: 32" x 32" x 48"

Z-axis working area: 4"

Max Feeding height: 24" x 24"

Cut thickness of material: $\leq 1 \frac{1}{4}$ "

Max Speed: 19'/min

Working speed: 0-13'/min
Mechanical precision: 0.0004"
Software: Artcut, TYPE3, ARTCAM
Max Power consumption: 1800W
Power source: AC 120V/60Hz
Driver type stepper motor: Spindle
1,5KW water cooled motor (optional: change to 2.2KW,3KW,4.5KW)
Spindle speed: 0-24,000rpm
Blade diameter: 0.04" – 0.25"
Control system: Ncstudio(computer control) or DSP
Command: HPGL.G code,u00,mmg,plt

Main application profession:

The engraving machines are professionally used to engrave iron, steel, aluminum and bronze board and so on hard material. The machine can engrave letters and relief designs.

Standard configuration:

1. Groove steel structure
2. X,Y,Z axis square orbit, ballscrew(Y axis double screws)
3. Weihong control System
4. 2.2Kw water cooling spindle,
5. 22 cutters (include 3D cutter)
6. 2 collets,
7. With flume

Unit Price: \$6'000.00

Options: DSP handle control system: (with USB connection) + \$736



