

CNC-PDM-6090L
CNC router (Metal Engraving Machine)



Performance:

1. Our CNC-PDM-6090L adopts the mode of saving the intermittence. Memory is to insure the processing point when the blade is broken or postpone situation.
2. Matching Germany producing double ball screw nut and imported the bearing liner.
3. Specific saving mode of different points. It is very convenient for various scutcheon processing.
4. Gantry mode movement is more durable without distortion by long use and the positioning accuracy is much better.
5. The large power cutting spindle does not only increase the fineness of engraving the breast card without screw and the under base is more flat and smooth

Technical parameters:

- 1 Model: PDM-6090
- 2 X, Y working area: 23"×35"
- 3 Z Max working area: >4"
- 4 Table size: 28"×45"
- 5 Working delicacy: 0.002"
- 6 X, Y, Z repositioning Positioning Accuracy: 0.002"

- 7 Frame: Steel structure
- 8 X, Y, Z Structure: Round orbit (Optional: change Y axis to square orbit), Ball screw(Y axis double nuts)
- 9 Max Speed: 13' – 18'/min
- 10 Spindle Power Motor: 1.5Kw water cooling spindle (optional: change to 2.2KW, 3KW, 4.5KW)
- 11 Power (not include the spindle): 300w
- 12 Spindle Speed: 0-24000 RPM
- 13 Drive Motors: Stepper system
- 14 Working Voltage: AC120V/60Hz
- 15 Command Language: G code
- 16 Operating System: Computer control (Optional: DSP black handle control system with USB interface)
- 17 Running Environment: Temperature: 0 ~ 45; Relative humidity: 30% ~ 75%
- 18 Surrounding for software: Windows98/2000/xp
- 19 Packaging: plywood
- 20 Dimension of packing: 4 1/2' x 3 3/4' x 4 3/4' (L x W x H)

Field of application:

Advertising industry, seal industry, craft and gift, art mould, wood working, mould etc. applicable material including on acrylic, double-color board, PVC, ABS board, stone, imitation stone, metal, Aluminum Mold etc.

- 1. Woodwork industry: sewing machine table, machine cabinet panel, sporting equipment, wooden door etc.
- 2. Advertising industry: engrave and cut various signboards, marble, copper, character mold, and font. And various metal sign, brand.
- 3. Craft & gift industry: engrave various word or graph on the souvenir and handicraft, ironwork engraving, dials.
- 4. Mould industry: architecture, Gilt membrane, and electric machinery, and High frequency mold, moldings on shoes, badge, embossed mould, biscuit, candy, and chocolate mould
- 5. Stamp industry: it is easy and convenient to seal on various materials such as ox horn, plastic, organic board, wood etc.

Standard configuration

- 1. Steel structure
- 2. X,Y,Z axis round orbit,
- 3. Ballscrew(Y axis double nuts),
- 4. Weihong control system)
- 5. 1.5Kw water cooling spindle,
- 6. Aluminium section work table
- 7. 2 collets
- 8. Clamp 6 pc
- 9. Water pump

Unite Price: \$4'260.00

Options:

- 1. DSP control system (with USB connection) + \$736
- 2. X,Y,Z axis change to square orbit + \$900
- 3. Change Y axis to square orbit + \$440
- 4. Change to 2.2KW (120V) + \$440
- 5. Flume + \$294