

CNC Router – PDM-M25

CNC Router (woodworking machine)



Performance:

1. The traveling speed can reach 35m/min. high-speed cutting speed can reach 25m/min.
2. It adopts advanced DSP NC system, handle-operation, simpler operation, more humanistic design, using unique intelligent budget rules, making full use of the electrical potential, achieving high-speed processing, curve linear synchronous, and more perfect curves.
3. Y axis adopts double motor to drive
4. Doing welding the machine frame with high- strength steel tube.
5. Six sub areas vacuum table-board
6. Professional and human-based 3D control system
7. Optional automatic orientation system, temperature control system

Technical parameters:

- 1 Model PDM-M25
- 2 X,Y working area: 51 1/4" x 98 1/2"
- 3 Z Max working area: 7 3/4"
- 4 Table size: 58 1/4" x 118"
- 5 Working delicacy: 0.002"
- 6 X,Y,Z repositioning Positioning Accuracy: 0.002"
- 7 Frame: Square tube steel structure
- 8 X,Y,Z Structure Square orbit, Gear-wheel driver (Y axis double nuts)
- 9 Driver: MD2278 Drivers (115'-150')
- 10 Spindle Power: Motor 4.5KW water cooling spindle

- 11 Power (not include the spindle) 1840W
- 12 Spindle Speed: 0-24000RPM
- 13 Drive Motors: Stepper system
- 14 Working Voltage: 240V/60HZ
- 15 Command Language: G cord*.u00*.mmg*plt
- 16 Operating System: 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 Working-holding vacuum table (6 zones separately control) & vacuum pump
- 20 Dust removing plant Dust collector
- 21 Cutters: 22pcs (include 3D cutter and milling bottom cutter)

Field of application:

Woodworking, Advertising industry, seal industry, craft and gift, art mould, mould etc.

Applicable material: wood, acrylic, double-color board, PVC, EVA, ABS board, stone, imitation stone, metal, Aluminum Mold etc.

Major application fields: furniture, furniture decoration, woodworking decoration, musical instrument, wooden handicraft etc.

- 1. Woodwork industry: sewing machine table, machine cabinet panel, sporting equipment, wooden door etc.
- 2. Mould industry: wooden mould, aviation wooden mould
- 3. Music instrument: three-dimensional wood carving in relief, and profile cutting.

Standard configuration

PDM-M25

- 1. Square tube steel structure..
- 2. Three-axis square orbit.
- 3. Gear-wheel driver.
- 4. Y axis double driver.
- 5. DSP control system (with USB interface).
- 6. 4.5KW water cooling spindle.
- 7. MD2278/1182 Drivers (35-45meters).
- 8. Vacuum system with vacuum pump
- 9. Dust collector
- 10. Cutting tools: 22pcs. (Include 3D cutter and milling bottom cutter)
- 11. 2 collets
- 12. Water pump



Unit Price: \$17*800.00

Options:

Change to 3KW (120V, 240V) -(MINUS) \$440