Machine Name : CNC Gantry machining Center

Brand : YongXi

Machine Model : SP-1612V

Stock No. : 469287

Ex-factory Date : 2026



Main Technical Parameters:

WorkWorktable size: 1600 × 800 mm
T-slot (number × number of slots × width) : 5 × 18 × 140 mm
Maximum load of Worktable: 5000 kg
X-axis travel (direction of Worktable movement) : 2000 mm
Y-axis travel (the direction of spindle slide movement) : 1200 mm
Z-axis travel (travel up and down on spindle head) : 500 mm
Distance from spindle nose to Worktable surface: 180-680 mm
The spacing of the gantry columns: 1200mm
spindle nose hole slope: BBT40/150
Maximum Spindle speed: 12,000 rpm
Drive structure: Direct-drive
Fast moving rate (X/Y/Z) : 24 m/min
Tool Tool holder type: BBT40
Tool storage capacity: Optional
spindle drive motor: 11 kW
Drive motor (X/Y/Z axes) : HZ453 × 3
X/ Y-axis guideway structure: Linear roller way
Z-axis guideway structure: Linear roller way
Mechanical area (length × width × height) : 4660 × 2300 × 2900 mm
Machine weight: 12,000 kg
Positioning precision: ± 0.005mm
Repeatability precision: ± 0.005mm
Power requirement: 35 KVA
Air compression demand: 0.6-0.8 Mpa

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