Machine Name : Vertical Machining Center

Brand : Dalian Machine

Machine Model : VDL-1000E

Stock No. : 469268

Ex-factory Date : 2013



Main Technical Parameters:

machine tool model: VDL-1000E
guideway form: 3 axes high rigidity rigid guideway (Box Way)
WorkWorktable size: 1100 × 500mm
T-slot size: 5 slots × 18mm, spacing 100mm
The maximum load of Worktable: 800 kg
Overall weight: approximately 9,000 kg
travel and feed CNC System
travel of X/Y/Z axes: 1020 × 510 × 510 mm
Distance from spindle nose to Worktable surface: 140-650 mm
3 axes fast movement rate: 12/12/12 m/min
Cutting feed rate: 1-5000 mm/min
Maximum Positioning precision: ± 0.010mm
Maximum repetitive Positioning precision: ± 0.005mm
spindle CNC System
spindle taper: BT50
Maximum spindle speed: 8000 rpm
Main motor power: 11 kW / 15 kW (constant speed/strong power)
spindle drive mode: strap drive/direct connection type
tools magazine CNC System
magazine capacity: 24 pieces (usually standard with conical or chain-type)
Maximum Tool diameter: Φ 120mm (adjacent tool clearance)
Maximum Tool length: 300mm
Maximum Tool weight: 15 kg
Tool changing time: approximately 4.5 seconds (tool to tool)
Electrical data
Power supply voltage: 380V / 50Hz
Total power of the equipment: 35 KVA
Full-load current: 100 A
air pressure requirement: 0.5-0.7 MPa

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