

Machine Name : Vertical Machining Center

Brand : Deyung

Machine Model : CV-1166

Stock No. : 4812241

Ex-factory Date : 2026



Main Technical Parameters:

CNC System: FANUC 0i-MF / Mitsubishi M80 (Optional)

Three-axis travel: 1100 × 620 × 600 mm

Worktable size (X×Y): 1200 × 600 mm

Maximum load of worktable: 900 kg

T-slot (Width × Number of slots × Spacing): 18 × 5 × 100 mm

Spindle speed: 10,000 / 8000 rpm

Spindle type: Belt-driven

Spindle taper: BT40 / BT50

Spindle motor:

BT40: 11 / 15 kW

BT50: 15 / 18.5 kW

Distance from spindle nose to worktable:

BT40: 125-725 mm

BT50: 145-745 mm

Rapid feed (X/Y/Z): 36 / 36 / 36 m/min

Cutting feed rate: 10,000 mm/min

Tool magazine (Optional)

Magazine capacity: 24 Tools (Arm Type)

Maximum tool diameter / Adjacent tool clearance:

BT40: Ø80 / Ø150 mm

BT50: Ø110 / Ø200 mm

Maximum tool length: 300 mm

Maximum tool weight:

BT40: 8 kg

BT50: 15 kg

Positioning accuracy: 0.012 mm

Repeat positioning accuracy: 0.006 mm

Air pressure requirement: 6 kg/cm²

Power requirement: 25 kVA

Machine weight: 6.5 Tons



工作台面积 Table size X*Y	1100*1100	1000*500	1400*500
工作台最大承重 Table load	kg	500	900
T型槽尺寸 (宽*槽数*间距) T-slot	number	18x5x80	18x5x100
主轴 Spindle			
主轴转速 Spindle speed	rpm	12000	10000/8000
主轴形式 Spindle type		直结式	皮带式
主轴马达 Spindle motor	kW	7.5/11	BT40:11/15 BT50:15/18.5
主轴内孔规定 Spec. spindle taper		BT40	BT40/BT50
主轴鼻端至工作台距离 Distance for spindle nose to work bench	mm	120-670	BT40:125-725 BT50:145-745
主轴进给 Spindle feed			
快速转速 (X,Y,Z) Rapid feed rate (X,Y,Z)	mm/min	48/48/48	36/36/36
切削进给速率 Cutting feed rate	mm/min	10000	10000
刀库(可选配) Tool magazine			
刀具数量 Tool magazine capacity		刀臂式24	刀臂式24
最大刀具直径/邻刀空直径 Tool diameter/adjacent tool space	mm	Ø280 / Ø150	BT40: Ø280/Ø150 BT50: Ø315/Ø200
最大刀具长度 Tool length	mm	300	300
最大刀具重量 Tool weight	kg	8	BT40: 8 BT50: 15
精度 Accuracy			
定位精度 Positioning precision	mm	0.010	0.012
重复定位精度 Repeatability	mm	0.005	0.005