

Machine Name : Vertical Machining Center

Brand : Deyung

Machine Model : CV-1890

Stock No. : 4812238

Ex-factory Date : 2026



Main Technical Parameters:

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

Three-axis travel: 1800 × 900 × 800 mm

Worktable size (X×Y): 2000 × 900 mm

Maximum load of worktable: 2500 kg

T-slot (Width × Number of slots × Spacing): 22 × 5 × 160 mm

Spindle speed: 6000 rpm

Spindle type: Belt-driven

Spindle motor: 15 / 18.5 kW

Spindle taper: BT50

Distance from spindle nose to worktable: 200-1000 mm

Rapid feed (X/Y/Z): 20 / 20 / 20 m/min

Cutting feed rate: 10,000 mm/min

Tool magazine: 24 Tools (Arm Type)

Maximum tool diameter / Adjacent tool clearance: Ø110 / Ø200 mm

Maximum tool length: 350 mm

Maximum tool weight: 15 kg

Positioning accuracy: 0.020 mm

Repeat positioning accuracy: 0.010 mm

Air pressure requirement: 6 kg/cm²

Power requirement: 50 kVA

Machine weight: 15 Tons

Optional Accessories:

A 30-Disc Tool Magazine

Spindle Oil Chiller

Through Spindle Coolant System (CTS)

Automatic Tool Length Measurement System

Oil-Water Separator

Spindle Ring Spray System

Chip Conveyor (Belt Type)

Chip Conveyor (Screw Type)

10,000 rpm Belt-Driven Spindle

16,000 rpm Electric Spindle

CV-1890B	项次 ITEM
1800	主轴型式 Spindle type
900	主轴功率 Spindle motor
800	快速进给 Rapid feed rate
2000×900	刀具数量 Tool magazine capacity
2500	机床重量 Machine net weight

设计

齿轮式主轴；主轴转速广、马大；
马达扭力输出，高速加工时以1:1转
削能力，也能高速加工。

可确保主轴轴承精度与延长使用寿命
制循环冷却，控制主轴热变量在最
精度。

设计

平衡块晃动和链条磨损造成的不
稳定可靠、精度刚性更高。



三轴滚柱线轨

三轴采用高刚性滚柱线轨，兼具硬
与线轨的高速高精度。



高速高精度的线轨

Y轴采用四根55mm滚柱线轨和八
配大跨距的立柱，X/Z轴采用六滑
轨机的重切削刚性和承重，同时具
精度、使用寿命长的特点。