



瑞雕高速龙门精雕机
Ruidiao High-Speed Gantry CNC Machines

MC/MD系列 MC/MD-Series Models



- MC\MD系列采用35MM重型滚柱式导轨, 对比M系列, Z轴滑台更宽、滑块间距更大, 加工过程中的摆动更小, 精度更高。
- MC\MD Series features 35 mm heavy-duty roller linear guideways. Compared to the M Series, its wider Z-axis saddle and increased guide block spacing provide greater rigidity, reduced vibration, and higher machining accuracy.
- MD系列机床是在MC系列基础上将主轴升级为11kW BT40电主轴, 切削能力更强。
- Based on the MC Series platform, the MD Series is upgraded with an 11 kW BT40 motorized spindle for enhanced cutting performance.
- 1313台面采用大理石制成, 受温度和应力的影响小, 1326台面采用铸铁制成, 承载能力更强。
- The 1313 model features a granite table for superior thermal stability, while the 1326 model uses a cast iron table for greater load capacity.
- 采用铸铁的一体式龙门架, 更好地应对铜板、铝板、钛合金板以及其他非金属板的重型加工。
- Integrated cast iron gantry for enhanced rigidity and stability, ideal for heavy-duty machining of copper, aluminum, titanium alloy, and non-metallic plates.
- 台面以上采用不锈钢钣金, 使得机床可直接使用自来水作为切削液, 降低使用成本。
- Stainless steel guarding above the worktable allows the machine to use tap water for cooling, reducing operating costs.



MC/MD系列机型

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标准配置 Standard

- NK500数控系统
- NK500 CNC Control System
- 自动对刀仪
- Automatic Tool Setter
- 不锈钢钣金
- Stainless Steel Guarding
- 自动丝杆导轨润滑系统
- Auto Lube System
- 主轴冷冻机
- Spindle Chiller
- BT30/40刀库
- BT30/40 Tool Magazine

可选配置 Optional

- 真空吸附台面
- Vacuum Worktable
- 双主轴配置
- Dual-Spindle Configuration
- 四主轴配置
- 4-Spindle Configuration
- 水环式真空泵
- Liquid Ring Vacuum Pump

技术参数 Technical Specification

机型 Model	MC1313	MC1326	MD1313	MD1326
X/Y/Z工作行程(mm)(in) Travel (X/Y/Z)	1,300X1,300X190 51.2"X51.2"X7.5"	1,300X2,600X190 51.2"X102.4"X7.5"	1,300X1,300X190 51.2"X51.2"X7.5"	1,300X2,600X190 51.2"X102.4"X7.5"
工作台尺寸(mm) Worktable Size(in)	1,300X1,300 51.2"X51.2"	1,300X2,600 51.2"X102.4"	1,300X1,300 51.2"X51.2"	1,300X2,600 51.2"X102.4"
最大工作负重(kg) Max. Load(lb)	500 1,100	1,000 2,200	500 1,100	1,000 2,200
主轴最高转速(rpm) Max. Spindle Speed	7.5kW 3,000-24,000rpm(Φ120)		11kW 15,000rpm(Φ150)	
刀库容量 Tool Magazine Capacity	直排式16把 Straight-line Tool Magazine 16T		直排式12把 Straight-line Tool Magazine 12T	
刀柄规格 Tool Holder Type	NBT30-SK10/16		NBT40-SK10/16	
导轨规格X/Y/Z Guide rail specifications X/Y/Z	滚柱35/35/35 Roller Guideways 35/35/35			
快速系统速度(m/min) Max. Rapid Rate (X/Y/Z)(in/min)	48 1,889	36 1,417	48 1,889	36 1,417
最高切削给进速(m/min) Max. Feed Rate (X/Y/Z)(in/min)	18 708	15 590	18 708	15 590
驱动系统 Drive System	维宏总成驱动 Weihong AC Servo System			
工作电压(V) Voltage	三相380V/50Hz 3-Phase, 380V / 50Hz			
气源压力(MPa) Air Pressure	0.6			
机床重量(kg) Machine Weight(lb)	4,600 10,100	6,200 13,700	4,700 10,400	6,300 13,900
电柜尺寸(mm) Electrical Cabinet Size (in)	758X608X2,115 29.8"X23.9"X83.3"			
机床尺寸(mm) Machine Dimension(in)	2,962X3,069X2,097 116.6"X120.8"X82.5"	2,962X4,509X2,097 116.6"X177.5"X82.5"	2,962X3,069X2,097 116.6"X120.8"X82.5"	2,962X4,509X2,097 116.6"X177.5"X82.5"