



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

M/MB系列 M/MB-Series Models



- M系列采用重型滚珠式导轨，减少机床加工过程中的摆动，具有更高精度的加工能力。
- M Series features heavy-duty ball-type linear guideways for reduced vibration and improved machining accuracy.
- MB系列采用重型滚柱式导轨，比M系列的重切削能力有所增强。
- MB Series features heavy-duty roller linear guideways, delivering greater rigidity and enhanced heavy-cutting capability compared to the M Series.
- 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、电木板、亚克力板以及其他非金属板的加工。
- The integrated cast iron gantry structure is designed to better handle the machining of copper sheets, bakelite sheets, acrylic sheets, and other non-metallic materials.
- 采用NK500面板，常用功能一键直达，节约操作时间，面板可旋转，方便操作。
- Equipped with the NK500 control panel, featuring quick-access keys for frequently used functions and a rotatable design for improved operating convenience.
- 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.



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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刀库
- BT30 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	M1313	M1326	MB1313	MB1326
X/Y/Z工作行程(mm)(in) Travel (X/Y/Z)	1,300X1,300X220 51.2"X51.2"X8.7"	1,300X2,600X220 51.2"X102.4"X8.7"	1,300X1,300X220 51.2"X51.2"X8.7"	1,300X2,600X220 51.2"X102.4"X8.7"
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)			
刀库容量 Tool Magazine Capacity	直排式16把 Straight-line Tool Magazine 16T			
刀柄规格 Tool Holder Type	NBT30-SK10/16			
导轨规格X/Y/Z Guide rail specifications X/Y/Z	滚珠30/30/25 Ball Guideways 30/30/25		滚柱30/30/25 Roller Guideways 30/30/25	
快速系统速度(m/min) Max. Rapid Rate (X/Y/Z)(in/min)	24 945			
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)	4,000 8,800	5,600 12,300	4,000 8,800	5,600 12,300
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)	2,891X3,069X2,177 113.8"X120.8"X85.7"	2,891X4,504X2,177 113.8"X177.3"X85.7"	2,891X3,069X2,177 113.8"X120.8"X85.7"	2,891X4,504X2,177 113.8"X177.3"X85.7"