



瑞雕高速龙门精雕机
Ruidiao High-speed gantry carving machine

MC系列 MC-series models



- X、Y、Z轴均采用35MM重型滚珠式导轨，比M系列有着更宽的Z轴滑台，X轴滑块间距更大，机床加工过程中的摆动更小，精度更高。
- X\Y\Z axes use 35MM heavy-duty ball guide rails to reduce swinging during machine processing and have higher precision machining capabilities.
- 台面采用大理石花岗岩制作而成，台面受温度和应力的影响而变形的程度会降低。
- The tabletop is made of marble granite, which reduces the degree of deformation caused by temperature and stress.
- 采用铸铁的一体式龙门架，更好的应对铜板、铝板、钛合金板以及其他非金属板的重型加工。
- Adopting a cast-iron integrated gantry frame enables better handling of heavy-duty processing for copper plates, aluminum plates, titanium alloy plates, and other non-metallic plates.
- 采用NK500面板，常用功能一键直达，节约操作时间，面板可旋转，节省车间空间。
- Using the NK500 CNC system, commonly used functions can be accessed with just one click, saving operation time. The panel can rotate, saving workshop space.
- 台面以上采用不锈钢钣金，使得机床具备了使用自来水作为切削液的能力，降低使用成本。
- The use of stainless steel sheet metal above the tabletop enables the machine tool to utilize tap water as cutting fluid, thereby reducing operational costs.



安徽瑞苏科技有限公司
ANHUI RUISU TECHNOLOGY CO.,LTD.

设备图片仅供参考。配置和参数如有更改，恕不另行通知。本手册的最终解释权归安徽瑞苏科技有限公司所有。
The pictures of the equipment are for your reference only. The configurations and parameters are subject to change without notice.
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标准配置Standard

- NK500数控系统
- NK500Control System
- 自动对刀仪
- Cutter Aligner
- 不锈钢钣金
- Stainless steel sheet metal
- 自动丝杆导轨润滑系统
- Lubrication Systems
- 主轴冷冻机
- Spindle Chiller
- BT30刀库
- BT30 Tool Changer

可选配置Optional

- 真空吸附台面
- Vacuum adsorption table
- 第二主轴
- Second spindle
- 第二刀库
- Second 8-Tool Changer
- 水环式真空泵
- Water Ring Vacuum Pump

技术参数Technical Specification

机型Model	MC1313	MC1326
X/Y/Z运动定位精度(MM) Position Accuracy (X/Y/Z)(in.)	0.015/0.015/0.008 0.0006"/0.0006"/0.0003"	
X/Y/Z重复定位精度(MM) Repeatability (X/Y/Z)(in.)	0.005/0.005/0.005 0.0002"/0.0002"/0.0003"	
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"
工作台尺寸(MM) Worktable Size(in.)	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
主轴最高转速(rpm) Max. Spindle Speed	3,000~24,000rpm(Φ120)	
刀库容量 Tool Magazine Capacity	8/16	
刀柄规格 Tool Holder Type	BT30	
快速系统速度(M/min) Max. Rapid Rate (X/Y/Z)(in/min)	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
驱动系统 Drive System	维宏总成 Weihong AC servo	
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.)	6,000 13,200	8,500 18,700
电柜尺寸(MM) Controlling cabinet size (in.)	726X608X2,115 28.5"X23.9"X83.3"	
机床尺寸(MM) Machine Dimension(in.)	2,190X2,721X2,160 86.2"X106.7"X85.0"	2,190X4,216X2,160 86.2"X165.9"X85.0"