



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

## NB系列 NB-series models



- X、Y、Z轴均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。
- X/Y/Z axes use heavy-duty ball guide rails to reduce swinging during machine processing and have higher precision machining capabilities.
- 采用 $\phi 120\text{MM}$ 电主轴，更好的应对大型铝板、铜板、绝缘板、电木板的加工。
- Adopt  $\phi 120\text{MM}$  Electric spindle, better suited for processing large aluminum plates, copper plates, insulation boards, and electric wooden boards.
- 前门和机床顶部均预留了吊装空间，上、下料更方便。
- The front door and the top of the machine tool have reserved lifting space, making loading and unloading more convenient.
- 采用可旋转式面板，节省车间空间。
- Adopting rotatable panels to save workshop space.
- 配备了双螺杆自动排屑器，提高了机床清理费屑的效率，降低工作强度。
- Equipped with a twin-screw automatic chip conveyor, it improves the efficiency of cleaning debris on the machine tool and reduces work intensity.



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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
- 双螺杆排屑器
- Chip Auger
- 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	NB1313	NB1326	NB1515	NB1530
X/Y/Z运动定位精度(MM) Position Accuracy (X/Y/Z)(in.)	0.010/0.010/0.008 0.0004"/0.0004"/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"	1,500X1,500X220 59.0"X59.0"X8.7"	1,500X3,000X220 59.0"X118.1"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"	1,500X1,500 59.0"X59.0"	1,500X3,000 59.0"X118.1"
最大工作负重(Kg) Max. Load(lb.)	1,200 2,600	1,500 3,300		
主轴最高转速(rpm) Max. Spindle Speed	3,000-24,000rpm(Φ120)			
刀库容量 Tool Magazine Capacity	12~16			
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			
最高切削给进速(M/min) Max. Feed Rate (X/Y/Z)(in/min)	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 13,000	8,400 18,000	7,000 15,000	10,500 23,000
电柜尺寸(MM) Controlling cabinet size (in.)	-			
机床尺寸(MM) Machine Dimension(in.)	2,376X3,675X2,290 93.5"X144.6"X90.1"	2,376X4,975X2,290 90.5"X195.8"X90.1"	2,576X3,875X2,290 101.4"X152.5"X90.1"	2,576X5,375X2,290 101.4"X211.6"X90.1"