



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

## NH系列 NH-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.
- NH系列机型专门应对无需使用切削液加工的产品，四周没有钣金遮挡，清理废屑更轻松。
- The NH series of machines are specifically designed for processing products that do not require the use of cutting fluid. With no sheet metal shielding around the perimeter, it is easier to clean up waste debris.
- 采用 $\phi 120\text{MM}$ 电主轴，更好的应对铜板、电木板、亚克力板以及其他非金属板的加工。
- The  $\phi 120\text{MM}$  electric spindle is adopted to better handle the processing of copper plates, bakelite plates, acrylic 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.
- 配备主轴吸尘口和管道支架，便于收集切削过程中产生的粉尘、废屑，保持车间卫生。
- Equipped with a spindle dust suction port and pipe support, it facilitates the collection of dust and debris generated during the cutting process, thus maintaining workshop hygiene.



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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
- 主轴吸尘口
- Spindle dust suction port
- 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
- 吸尘管道
- Φ150MM spindle
- 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	NH1313	NH1326	NH1515	NH1530
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.)	5000 11,000	6000 13,000	7,000 15,000	9,000 20,000
电柜尺寸(MM) Controlling cabinet size (in.)	-			
机床尺寸(MM) Machine Dimension(in.)	2,300X2,550X2,100 90.5"X100.4"X82.6"	2,300X3,250X2,100 90.5"X127.9"X82.6"	2,300X3,850X2,100 90.5"X151.5"X82.6"	2,500X4,250X2,100 98.4"X167.3"X82.6"