



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

NH系列 NH-Series Models



- X、Y、Z轴均采用重型滚柱式导轨，减少机床加工过程中的摆动，具有更高精度的加工能力。
- The X, Y, and Z axes are equipped with heavy-duty linear guideways to minimize vibration during machining and ensure higher machining accuracy.
- 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 is specifically designed for dry machining applications, featuring an open structure for easier chip cleaning and maintenance.
- 采用 $\phi 120\text{MM}$ 电主轴，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。
- Equipped with a $\Phi 120\text{ mm}$ motorized spindle, optimized for machining copper, bakelite, acrylic, 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.
- 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 extraction port and pipe support for efficient collection of dust and chips, helping maintain a cleaner workshop environment.



NH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
- 主轴吸尘口
- Spindle Dust Extraction Port
- 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
- 水环式真空泵
- Liquid Ring Vacuum Pump
- 吸尘管道
- Dust suction duct

技术参数 Technical Specification

机型 Model	NH1313	NH1320	NH1326	NH1530
X/Y/Z工作行程(mm)(in) Travel (X/Y/Z)	1,300X1,300X220 51.2"X51.2"X8.7"	1,300X2,000X220 51.2"X78.7"X8.7"	1,300X2,600X220 51.2"X102.4"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"	1,300X2,000 51.2"X78.7"	1,300X2,600 51.2"X102.4"	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	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	
最高切削进给速度(m/min) Max. Feed Rate (X/Y/Z)(in/min)			18 708	
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)	3,700 8,000	6,000 13,000	7,000 15,000	10,500 23,000
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)	3,057X2,520X2,084 120.3"X99.2"X82.0"	3,057X3,293X2,084 120.3"X129.6"X82.0"	3,057X3,898X2,084 120.3"X153.5"X82.0"	3,257X4,293X2,084 128.2"X169.0"X82.0"