



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

HC系列 HC-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 roller linear guideways to minimize vibration during machining and ensure higher machining accuracy.
- 采用 $\phi 150\text{MM}$ 高速电主轴，更强的切削能力使得产品加工效率翻番。
- Equipped with a $\Phi 150\text{ mm}$ high-speed motorized spindle, delivering higher cutting performance and significantly improved machining efficiency.
- 采用铸铝的一体式龙门架，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-aluminum gantry is 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.
- 采用定梁式结构，全铸铁工作台，台面抗变形度能力强，更适合大型板材加工。
- The fixed-beam structure with a full cast-iron worktable provides excellent rigidity and deformation resistance, making it ideal for large-format material machining.



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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
- 卷帘防护罩
- Roller Shutter Protective Cover
- 自动丝杆导轨润滑系统
- Auto Lube System
- 主轴冷冻机
- Spindle Chiller
- BT40刀库
- BT40 Tool Magazine

可选配置Optional

- 真空吸附台面
- Vacuum Worktable
- 干式真空泵
- Dry Vacuum Pump
- 主轴吸尘口
- Spindle Dust Extraction Port

技术参数Technical Specification

机型Model	HC2613	HC3116	HC4121
X/Y/Z工作行程(MM)(in.) Travel (X/Y/Z)	2,600X1,300X220 102.4"X51.2"X8.7"	3,100X1,600X220 122.1"X63.0"X8.7"	4,100X2,100X220 161.4"X82.7"X8.7"
工作台尺寸(MM) Worktable Size(in.)	2,600X1,300 102.4"X51.2"	3,100X1,600 122.1"X63.0"	4,100X2,100 161.4"X82.7"
最大工作负重(Kg) Max. Load(lb.)	800 1,700		
主轴最高转速(rpm) Max. Spindle Speed	11kW 15,000rpm(Φ150)		
刀库容量 Tool Magazine Capacity	圆盘伺服12把 Servo disc tool magazine 12T		
刀柄规格 Tool Holder Type	NBT40-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)	24 945		18 708
最高切削进速(M/min) Max. Feed Rate (X/Y/Z)(in/min)	18 708		12 472
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.)	6,000 13,000	7,200 15,800	9,000 19,800
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.)	5,146X3,142X2,074 202.6"X123.7"X81.6"	5,429X3,542X2,074 213.7"X139.4"X81.6"	6,418X4,552X2,074 252.7"X179.2"X81.6"

设备图片仅供参考, 参数如有变动, 恕不另行通知

Product images are for reference only.

Specifications are subject to change without notice.