

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



NB系列 NB-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震动，具有更高精度的加工能力。
- The X, Y, and Z axes are equipped with heavy-duty roller linear guides, reducing vibration during machining and delivering higher-precision cutting performance.
- 采用 $\phi 120$ mm电主轴，更好的应对大型铝板、铜板、绝缘板、电木板的加工。
- Equipped with a $\Phi 120$ mm motorized spindle, optimized for machining large aluminum plates, copper plates, insulating materials, and bakelite.
- 前门和机床顶部均预留了吊装空间，上、下料更方便。
- Integrated lifting access at both the front door and machine top allows easier loading and unloading of workpieces.
- 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。
- Equipped with the NK500 control panel, featuring quick-access keys for frequently used functions and a rotatable design to optimize workshop space.
- 配备了双螺杆自动排屑器，提高了机床清理废屑的效率，降低工作强度。
- Equipped with a twin-screw automatic chip conveyor for more efficient chip removal and reduced manual intervention.



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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
- 双螺杆排屑器
- Twin-Screw Chip Auger
- 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

技术参数Technical Specification

机型Model	NB1313	NB1326	NB1515	NB1530
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	1,500 3,300	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		15 590	
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)	6,500 14,300	7,500 16,500	7,000 15,000	8,300 18,300
电柜尺寸(mm) Electrical Cabinet Size (in)	-			
机床尺寸(mm) Machine Dimension(in)	2,376X3,816X2,290 93.5"X150.2"X90.1"	2,376X5,116X2,290 90.5"X201.4"X90.1"	2,576X4,016X2,290 101.4"X158.1"X90.1"	2,576X5,516X2,290 101.4"X217.2"X90.1"