



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

AB系列 AB-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.
- 整体床身全部采用大理石花岗岩制作而成，床身受温度和应力的影响而变形的程度会降低。
- The entire machine bed is constructed from natural granite for improved resistance to thermal deformation and structural stress.
- 机床采用后背式电柜，这种紧凑型设计使得机床占用的空间极致的减少。
- The rear-mounted electrical cabinet design minimizes machine footprint and improves space efficiency.
- 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.
- 台面以上采用不锈钢钣金，使得机床可直接使用自来水作为切削液，降低使用成本。
- Stainless steel guarding above the worktable allows the machine to use tap water for cooling, reducing operating costs.



AB系列机型

AB系列 AB-Series Models

标准配置Standard

- NK500数控系统
- NK500 CNC Control System
- 自动对刀仪
- Automatic Tool Setter
- 大理石床身
- Marble Machine Base
- 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
- 水环式真空泵
- Liquid Ring Vacuum Pump

技术参数Technical Specification

机型Model	A1080	AB1080	AB1290
X/Y/Z工作行程(mm)(in) Travel (X/Y/Z)	1,000X800X200 39.3"X31.5"X7.9"		1,200X900X200 47.2"X35.4"X7.9"
工作台尺寸(mm) Worktable Size(in)	1,000X800 39.3"X31.5"		1,200X900 47.2"X35.4"
最大工作负重(kg) Max. Load(lb)	500 1,100		600 1,300
主轴最高转速(rpm) Max. Spindle Speed	7.5kW 3,000-24,000rpm(Φ120)		
刀库容量 Tool Magazine Capacity	直排刀库8把 Straight-line Tool Magazine 8T		
刀柄规格 Tool Holder Type	NBT30-SK10/16		
导轨规格X/Y/Z Guide rail specifications X/Y/Z	滚珠35/35/35 Ball Guideways 35/35/35	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)	18 708		
最高切削进给速(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)	3,400 7,500	4,500 10,000	
电柜尺寸(mm) Electrical Cabinet Size (in)	-		
机床尺寸(mm) Machine Dimension(in)	2,248X2,581X2,370 88.5"X101.6"X93.3"		2,446X2,739X2,370 96.3"X107.8"X93.3"