



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

AB系列 AB-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.
- 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 using marble granite, significantly reducing the degree of deformation caused by temperature and stress variations.
- 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 machine tool employs a rear-mounted electrical cabinet, a compact design that maximizes space efficiency and minimizes the occupied footprint.
- 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.
- 台面以上采用不锈钢钣金，使得机床具备了使用自来水作为切削液的能力，降低使用成本。
- The use of stainless steel sheet metal above the tabletop enables the machine tool to utilize tap water as cutting fluid, thereby reducing operational costs.



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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
- 大理石床身
- Marble Machine Base
- 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
- 水环式真空泵
- Water Ring Vacuum Pump

技术参数Technical Specification

机型Model	AB1080	AB1290
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)	1,000X800X220 39.3"X31.5"X8.7"	1,200X900X220 47.2"X35.4"X8.7"
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	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)	18 708	
最高切削给进速(M/min) Max. Feed Rate (X/Y/Z)(in/min)	12 472	
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.)	3,400 7,500	4,500 10,000
电柜尺寸(MM) Controlling cabinet size (in.)	-	
机床尺寸(MM) Machine Dimension(in.)	2,250X2,550X2,400 88.6"X100.4"X94.5"	2,450X2,750X2,400 96.5"X108.2"X94.4"