



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。
- NK500 CNC control panel with one-touch operation for faster setup; rotatable design optimizes 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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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	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 guide rail 35/35/35	滚柱35/35/35 Roller guide rail 35/35/35	
快速系统速度(M/min) Max. Rapid Rate (X/Y/Z)(in/min)	18 708		
最高切削给进速(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		
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"X94.5"

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