



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

## EC系列 EC-Series Models



- X、Y、Z三轴均采用45号重型滚柱式导轨，高负载切削工况下表现更加，更适合重型切削加工。
- All X, Y, and Z axes are equipped with 45 mm heavy-duty roller linear guide rails, providing high rigidity and stable performance under heavy cutting loads.
- 采用 $\phi 150$ MM电主轴，更好的应对大型铁板、不锈钢等黑色金属板的加工。
- Equipped with a  $\Phi 150$  mm motorized spindle, optimized for machining large steel plates, stainless steel, and other ferrous metals.
- 更高强度的龙门架，使得Z轴行程提升至500MM，更好的应对各种加工场景。
- The reinforced high-rigidity gantry structure extends Z-axis travel to 500 mm, providing greater flexibility across a wide range of machining applications.
- 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.



EC系列机型

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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
- BT40刀库
- BT40 Tool Magazine

## 可选配置Optional

- 真空吸附台面
- Vacuum Worktable
- $\phi$ 150MM机械主轴
- $\Phi$ 150 mm Mechanical Spindle
- 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	EC1515	EC1530	EC2020	EC2030	EC2040	EC2630
X/Y/Z工作行程(MM)(in.) Travel (X/Y/Z)	1,500X1,500X500 59.0"X59.0"X19.7"	1,500X3,000X500 59.0"X118.1"X19.7"	2,000X2,000X500 78.7"X78.7"X19.7"	2,000X3,000X500 78.7"X118.1"X19.7"	2,000X4,000X500 78.7"X157.5"X19.7"	2,600X3,000X500 102.3"X118.1"X19.7"
工作台尺寸(MM) Worktable Size(in.)	1,500X1,500 59.0"X59.0"	1,500X3,000 59.0"X118.1"	2,000X2,000 78.7"X78.7"	2,000X3,000 78.7"X118.1"	2,000X4,000 78.7"X157.5"	2,600X3,000 102.3"X118.1"
最大工作负重(Kg) Max. Load(lb.)	1,500 3,300	1,500 3,300	2,000 4,400	2,000 4,400	2,200 4,800	2,500 5,500
主轴最高转速(rpm) Max. Spindle Speed	11kW 15,000rpm( $\Phi$ 150)					
刀库容量 Tool Magazine Capacity	圆盘伺服20把 Servo disc tool magazine 20T					
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45/45/45 Roller Guideways 45/45/45					
快速系统速度(M/min) Max. Rapid Rate (X/Y/Z)(in/min)	24 945					
最高切削进给速度(M/min) Max. Feed Rate (X/Y/Z)(in/min)	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.)	9,500 20,900	11,000 24,250	12,000 26,400	13,000 28,600	15,000 33,000	16,500 36,300
电柜尺寸(MM) Electrical Cabinet Size (in.)	-					
机床尺寸(MM) Machine Dimension(in.)	3,096X4,365X2,891 121.9"X171.8"X113.8"	3,096X5,865X2,891 121.9"X230.9"X113.8"	3,596X4,863X2,891 141.6"X191.5"X113.8"	3,596X5,865X2,891 141.6"X230.9"X113.8"	3,596X6,865X2,891 141.6"X270.3"X113.8"	4,196X5,865X2,891 165.2"X230.9"X113.8"

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.