



瑞雕四轴卧式龙门CNC
Ruidiao 4-Axis Horizontal Gantry CNC

C系列 C-Series Models



- C3000侧孔精雕机采用卧式加工, 成本低, 适合单侧面侧孔加工。
- The C3000 side-hole engraving machine adopts a horizontal machining configuration, offering low cost and is ideal for single-side drilling applications.
- C2630是通过增加C轴来达到一次性可以加工四个侧面, 减少装夹次数。
- The C2630 features an additional C-axis, enabling four-side machining in a single setup and reducing re-clamping operations.
- CA2630是通过增加B轴来达到既可加工顶面还可以加工两个侧面, 省时省力。
- The CA2630 features an additional B-axis, enabling machining of the top surface and both side surfaces in a single setup, improving efficiency and reducing handling.
- 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.



C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
- 螺杆排屑器
- Chip Auger
- 自动丝杆导轨润滑系统
- Auto Lube System
- 主轴冷冻机
- Spindle Chiller
- BT30/40刀库
- B30/T40 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
- 微油喷雾器
- MQL Lubrication System
- 万向辅助工作台
- Universal Support Table

技术参数Technical Specification

机型Model	C3000	C2630	CA2630	
X/Y/Z工作行程(mm)(in) Travel (X/Y/Z)	3,050X200X250 120.1"X7.9"X9.8"	2,600X3,000X320 102.3"X118.1"X12.6"	2,600X3,000X400 102.3"X118.1"X15.8"	
工作台尺寸(mm) Worktable Size(in)	3,050X465 120.1"X18.3"	2,600X3,000 102.3"X118.1"	2,600X3,000 102.3"X118.1"	
工作行程(mm)(in)(立铣/卧铣) Working Travel(Vertical / Horizontal)	3,050X200X250 120.1"X7.9"X9.8"	2,200X2,600X500 86.6X102.4X19.7	2,600X3,000X417 102.3"X118.1"X15.8"	2,080X3,000X520 81.9"X118.1"X20.5"
Z轴空间开高(mm) Z-axis Clearance Height(in)	55-255 2.2-10.0	100-600 4.0-23.6	0-417 0-16.4	170-690 6.7-27.2
最大工作负重(kg) Max. Load(lb)	2,000 4,400	2,000 4,400	2,000 4,400	
主轴最高转速(rpm) Max. Spindle Speed	11kW 15,000rpm(Φ150)	11kW 15,000rpm(Φ150)	20kW 18,000rpm(Φ140)	
刀库容量 Tool Magazine Capacity	直排刀库16把 Straight-line Tool Magazine 16T	机械臂20把 20-position carousel tool magazine	圆盘伺服20把 Servo Disc Tool Magazine 20T	
刀柄规格 Tool Holder Type	NBT40-SK10/16	NBT40-SK10/16	NBT40-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	滚柱35/45/35 Roller Guideways 35/45/35	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			
最高切削给进速(m/min) Max. Feed Rate (X/Y/Z)(in/min)	12 472	10 394	18 709	
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)	3,500 7,700	16,000 35,000		
电柜尺寸(mm) Electrical Cabinet Size (in)	758X608X2,115 29.8"X23.9"X83.3"	-		-
机床尺寸(mm) Machine Dimension(in)	5,497X2,118X2,113 216.4"X83.4"X83.2"	3,980X6,876X2,944 156.7"X252.9"X115.9"	3,980X6,876X2,944 156.7"X252.9"X115.9"	