

THREE-AXIS CNC POLISHING MACHINE

三轴数控抛光机YJ-SKP304C

专为4~8寸异形玻璃抛光开发

Specially developed for polishing 4~8 inch irregular-shaped glass.



手机/iwatch前后盖
Smartphone and Apple Watch
front and back covers



ipad后盖、中框
iPad back cover and middle frame

设备特点

- 四工位同时作业;
- 搭载随动式刀库: 根据耗材寿命, 仅每班进行更换即可;
- 铸造式结构+刮研技术: 优秀的抗震性能及装配精度, 保障设备服役的稳定可靠;
- 具备抛光压力在线检测: 有效将加工产品的不良控制在设备生产端;
- 超强5S防护, 自有专利技术: 浸泡式加工。

MAIN TECHNICAL FEATURES

- Four-station simultaneous processing.
- Real-time polishing pressure monitoring: Minimizes defects at production stage.
- Auto-follow tool changer: Only requires shift-based replacement.
- 5S-protected immersion processing (Patented).
- Cast structure + scraping technology: Ensures vibration resistance, precision, and long-term reliability.

主要技术参数 MAIN TECHNICAL SPECIFICATIONS

项目/Items	规格/Specs
设备占地尺寸 / Footprint Dimensions	1585×1810×2545mm
加工尺寸范围 / Machining Range	4-8寸(对角线) / 4-8 inch (diagonal)
治具最大尺寸 / Maximum Fixture Size	200×180
刀柄规格 / Tool Holder Specification	Φ2-Φ12mm(ISO25-ER20夹套)
刀头范围 / Tool Head Range	Φ80 以内
刀具装夹方式 / Tool Clamping Method	气动装夹/Pneumatic clamping
平台中心距 / Table Center Distance	250 mm
设备工作原理 / Equipment Working Principle	三轴多头高速抛光/Multi-head high-speed polishing (3-axis)
X轴行程 / X-axis Travel	250mm
Y轴行程 / Y-axis Travel	500mm
Z轴行程 / Z-axis Travel	300mm
X/Y/Z轴定位精度 / X/Y/Z-axis Positioning Accuracy	±0.01mm
X/Y/Z轴重复定位精度 / X/Y/Z-axis Repeat Positioning Accuracy	±0.01mm
主轴额定转速 / Spindle Rated Speed	7500rpm(Max10000rpm)
可加工产品类型 / Processable Product Types	玻璃、陶瓷、蓝宝石、铝合金、钛合金等材料抛光 Glass, ceramics, sapphire, aluminum alloy, titanium alloy, etc.
加工节拍 (单周期) / Cycle Time (Single Cycle)	根据被加工件要求及尺寸实施 Implement according to workpiece requirements and dimensions