

FIVE-AXIS EIGHT-STATION CNC POLISHING MACHINE

五轴八工位数控抛光机YJ-SKP508A

专为深凹曲面高精异材料抛光加工

Specially designed for high-precision polishing of deep concave surfaces and irregularly shaped materials.



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

- 八工位、五轴联动作业：精度、稳定性、产能的高度集成；
- 抛光压力在线监控：有效将加工不良控制在设备适用工序生产端；
- 自动刀库：标配天车式大容量刀库；
- 通用性强：覆盖平面、3D微曲面、异形深凹曲面的加工，有效降低固定资产投入。

MAIN TECHNICAL FEATURES

- Eight-Station, Five-Axis Synchronized Operation: Highly integrated for precision, stability, and productivity.
- Online Polishing Pressure Monitoring: Effectively controls machining defects at the production stage within applicable processes.
- Automatic Tool Changer: Equipped with a standard overhead large-capacity tool magazine.
- High Versatility: Covers flat surfaces, 3D micro-curved surfaces, and complex deep concave surfaces, reducing fixed asset investment.

主要技术参数 MAIN TECHNICAL SPECIFICATIONS

项目/Items	规格/Specs
加工尺寸范围/Processing size range	≤5寸(对角线)
刀柄规格/Knife handle specifications	Φ1-Φ7mm(ISO10-ER11夹套)
刀头范围/Blade range	Φ60 以内
刀具装夹方式/Tool clamping method	气动装夹
平台中心距/Platform center distance	200 mm
X/Y/Z轴行程/XYZ-axis stroke	250/680/300mm
X/Y/Z轴定位精度/Positioning accuracy	0.01mm
X/Y/Z轴重复定位精度/Repeataccuracy	0.008mm
A轴定位精度/重复定位精度/Positioning accuracy/Repeataccuracy	1弧分
C轴定位精度/重复定位精度/Positioning accuracy/Repeataccuracy	1弧分
主轴额定转速/Rate speed of spindle	7500rpm(Max10000rpm)
设备尺寸/Equipment size	2620×2532×2604mm（长宽高）
设备重量/Machine weight	6000Kg