

FOUR-SIDED POLISHING MACHINE

四周抛光机YJ-LP200E

该机适用于手机玻璃盖板、蓝宝石玻璃盖板的2.5D、3D四周抛光；适用于匹配自动化线。

The machine is designed for 2.5D&3D curved surface polishing of mobile phone glass cover and sapphire glass cover.



设备特点

- 2个抛光轮，尺寸为Φ248×265mm;
- 左右两个抛光头同时对工件抛光，由伺服电机通过丝杆驱动抛光头，相对工件做插补运动，抛光压缩量稳定，抛光效率高;
- 左右抛光头通过直线导轨由减速电机驱动偏心轮做上、下直线运动，使玻璃抛光均匀，不会出现纹路，抛光效果好;
- 用触摸屏作为人机界面显示报警和机床状态的实时信息；界面友好信息量大;
- 采用PLC控制，控制方式灵活可靠;
- 噪音低，美观方便;
- 自动工作，批量抛光;
- 密封结构，防尘防水，有效防止磨粉液外溅;
- 抛光精度高，良品率极大提升;
- 毛轮保证方便拆装，两侧开门可更换毛刷轮;
- 前推拉门具备自动开关门功能。

MAIN TECHNICAL FEATURES

- Two upper plates with a size of Φ248×200 mm.
- The servo motor drives the left and right polishing bobs through the screw to polish the workpiece at the same time which can labor and improve efficiency.
- The left and right polishing bobs are driven by screw elevator to synchronously move up and down in a straight line which can guarantee a good polishing effect.
- Instant working information displays on touch screen.
- Equipped with PLC controller.
- Low noise, beautiful and convenient.
- Automatic work.
- Sealed structure, dustproof and waterproof.
- The precision of polishing is high, and the rate of good products is greatly improved.
- The hair wheel is easy to disassemble and assemble. It can be replaced by opening the door on both sides.
- The front sliding door is equipped with the function of opening and closing automatically.

主要技术参数 MAIN TECHNICAL SPECIFICATIONS

项目/Items	规格/Specs
抛光头尺寸/外径×高度 (Size of polishing head/outer diameter*height)	Φ248×265 mm
工件边长尺寸 (Length of workpiece)	50 (边长/Side length) -300mm (对角线/Diagonal line)
最大装夹工件厚度 (Thickness of clamping workpiece)	200mm
夹紧气缸直径 (Cylinder diameter)	Φ80mm
抛光头转速 (Polishing bob speed)	10-1200 (rpm)
工件旋转转速 (Rotating speed of workpiece)	0~35(rpm)
抛光头电机 (Motor of Polishing bob)	功率(Power)3kw, 额定转速(ated speed)2000rpm
工件旋转电机 (Rotating motor of workpiece)	功率(Power)1kw, 额定转速(ated speed)2500rpm
抛光头升降电机 (Lifting motor of Polishing bob)	功率(Power)0.18Kw, 额定转速(ated speed)1300rpm
抛光头移动电机 (Moving motor of Polishing bob)	功率(Power)0.4kw, 额定转速(ated speed)3000rpm
抛光头数量 (Number of polishing heads)	2 PCS
砂泵电机功率 (Power of slurry pump motor)	750W
机器外形尺寸 (Size)	~1640×1470×2418mm
机器重量 (Weight)	~2.1t