

## DOUBLE SIDED LAPPING/POLISHING MACHINE

# 双面研磨/抛光机YJ-15B7L/PB

本机器主要用于光学玻璃、视窗玻璃、陶瓷、蓝宝石等电子、光学材料的精密平面抛光；同时也适用于超薄、脆性材料制作的零件，如阀板、阀片、刚性密封垫、活塞环、石英晶体、玻璃、宝石、其它金属、非金属等的精密平面抛光。

The machine is uniquely designed for double side lapping and polishing a wide variety of surfaces where flatness and ultra precision surface finish is critical. These materials include optic glass, cover lens, ceramic, sapphire, silicon wafer, quartz crystal, and other hard and fragile materials.



手机盖板



玻璃屏

### 设备特点

- 机器采用两电机驱动，下盘、太阳轮与内齿圈由同一电机驱动、上盘由各单独电机驱动；
- 机器整体结构紧凑，运行平稳，有效地缩短各传动轴的长度，增加机器的机械刚度；
- 电机采用变频调速器控制，能在有效设置范围内以任意速度工作、停止、加速、减速；
- 上盘装置增加机械的安全装置，在摆片、维修等状态下不会因突然故障而下降，增加了安全性；
- 通过变速装置改变太阳轮的速度，调整实现游星轮的正、反转。

### MAIN TECHNICAL FEATURES

- Two-motor structure. Lower plate, sun gear, and inner ring gear are controlled by one motor, upper plate is controlled by another motor.
- The length of the drive shaft is effectively shortened, mechanical rigidity of the machine is increased.
- Variable frequency speed governor realizes soft start, and soft stop. Machine can work under any speed which is within setting range.
- Mechanical safety device prevents upper plate from falling down.
- Ring gear and sun gear speed is adjustable to realize planet gears rotation direction changing.

### 主要技术参数 MAIN TECHNICAL SPECIFICATIONS

项目/Items	规格/Specs
上、下盘尺寸(Upper 、 lower plate size)	φ1070×φ500×40 mm
工件厚度(Thickness of workpiece)	最大(Max):20 mm
工件直径(Dimensions of workpiece)	最大(Max):φ280 mm
下盘转速(Lower plate rotational speed)	0 ~ 60 rpm
游星轮数量(Number of Planet gears)	7
齿圈抬升行程 (Lifting stroke of inner gear ring)	0 ~ 20 mm
重量范围(Weight range)	0 ~ 350 kg
上、下盘电机(Upper 、 lower plate motor)	3相(phase)8.5 kw 1450 rpm
砂泵电机(Slurry pump motor)	250 W
外形尺寸 L×W×H (Size)	1920×1271×2558 mm
机器重量(Weight)	~ 3450 Kg