亚泰抛光机
YATAI POLISHING MACHINE



Automatic Polishing Intelligence

江门市亚泰智能抛磨科技有限公司
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亚泰智能抛磨科技有限公司成立于2005年，专业研发自动抛光机和机器人抛磨系统。

Yatai Intelligent Polishing Technology Co., Ltd was founded in 2005 and specializes in the development of automatic polishing machines and robotic polishing systems .

我们拥有一支专业优秀的研发团队，可根据客户的需求定制产品。经过十多年的不懈努力，在抛光行业上技术先进，抛光工艺经验丰富，尤其对布轮磨损补偿有独到技术。拥有专利30项，软件著作权3项。

We have a professional and excellent R&D team to customize products based on customers' needs. After more than ten years of unremitting efforts, the technology is advanced in the polishing industry and has rich experience in polishing technology, especially with unique techniques for cloth wheel wear.We are holding 30 patents and 3 software copyrights.



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链条式自动抛光机 CHAIN TYPE AUTOMATIC POLISHING MACHINE



设备优势
Equipment Advantages

- 自动布轮损耗补偿， 使首尾件产品一致。
  Automatic wheel loss compensation, so that the polishing quality is consistent.
- 各抛光工位可独立调节，减少整机停机时间。
  Each polishing station is controlled independently to reduce the downtime.
- 自动喷蜡功能，喷腊时间和喷腊角度可以调节。
  Automatic wax spraying function, the spraying time and spraying angle are controllable.
- 直线流水式生产，快速装夹系统。
  Linear assembly line production, rapid clamping system.
- 针对产品的特点，流水线工作台分段设置转速， 抛光工位和夹具联动解决抛光死角的难题。
  According to the characteristics of the product, the speed of the assembly line table is set in sections, The polishing station and fixture are linked to solve the polishing dead angle issue.

适用产品
Application

- 卫浴五金，锁具五金配件等。
- Bathroom hardware, locks hardware, and etc.

产品展示
Product display

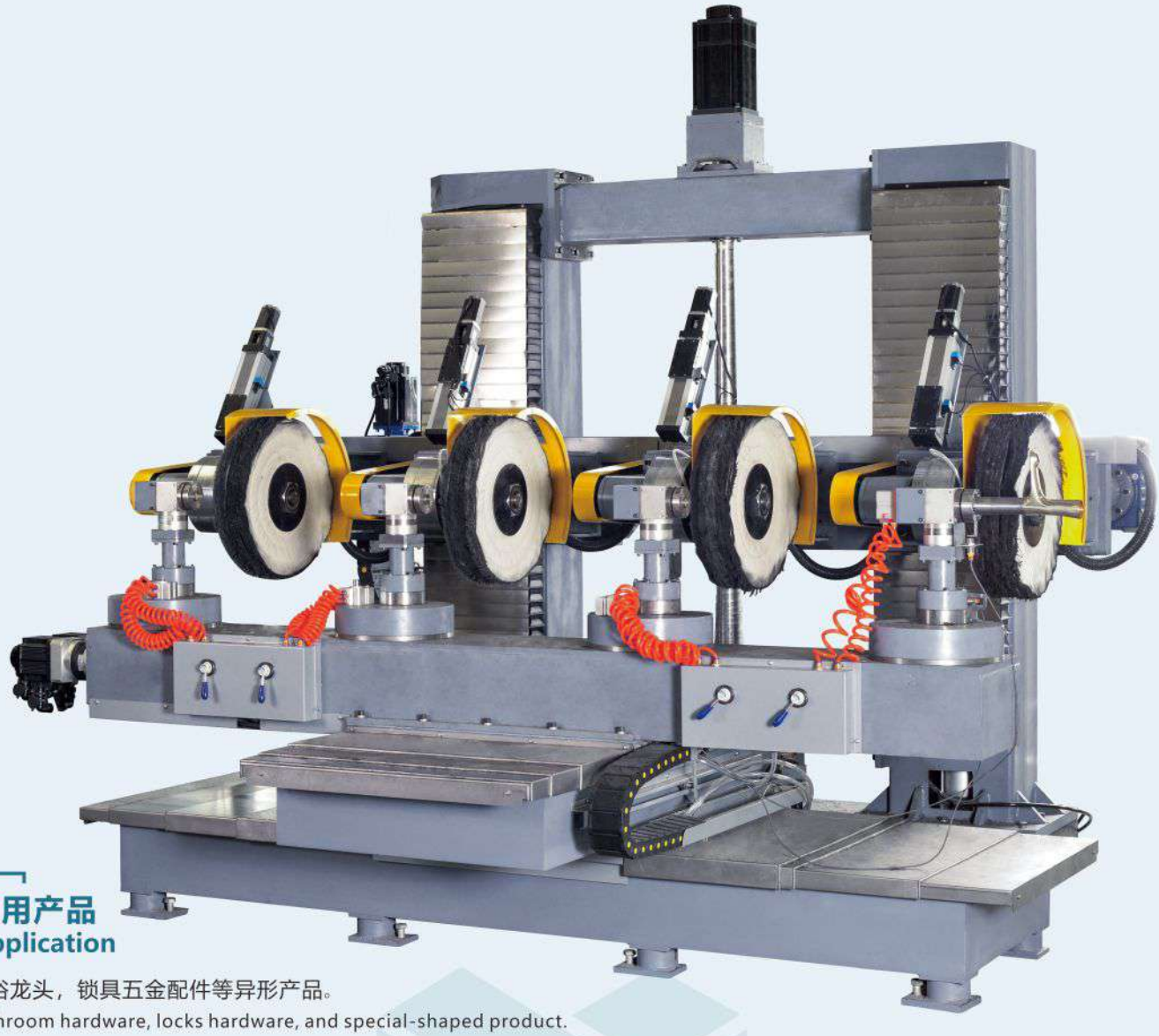


技术参数
Technical Parameters

速度 Speed	约3-8秒/个（按工艺要求） About 3-8s/pcs (according to process requirements)
效果 Effect	亮面，镜面 Bright, mirrored

气压 Pressure	0.7Mpa
人工 Labor	操作员工1个 1 operator

四工位数控抛光机 FOUR-STATION CNC POLISHING MACHINE



适用产品 Application

- 卫浴龙头，锁具五金配件等异形产品。
- Bathroom hardware, locks hardware, and special-shaped product.

设备优势 Equipment Advantages

- 多轴联动数控系统，抛光轮跟随产品弧度角度紧密联动。
  Multi-axis linkage CNC system, polishing wheel closely linked with the curvature angle of the product.
- G代码编程系统，做轨迹运动，仿型抛光。
  G-code programming system, trajectory movement, profiling polishing.
- 采用伺服电机，自动布轮补偿，高效稳定。
  Use servo motor, automatic wheel compensation, high efficiency and stability.
- 关键位置封闭防尘，阻断灰尘对设备的磨损。
  Seal the key position to isolate dust and prevent the wear of equipment from dust.
- 精密固体加蜡器。
  Precision solid waxing device.

产品展示 Product display






技术参数 Technical Parameters

转速 Rotation	变频调节 Variable frequency regulation
效果 Effect	亮面，镜面 Bright Surface, Mirror Surface

尺寸 Size	4500*3300*3000 mm
人工 Labor	操作员工1个 1 operator

机器人打磨系统 ROBOTIC GRINDING SYSTEM



设备优势
Equipment Advantages

- 自动补偿功能；砂带断裂报警。
  Automatic compensation; Abrasive belt break alarm.
- 砂带自动清洁功能。
  Abrasive belt automatic cleaning function.
- 砂带纠偏功能，保证砂带始终居中。
  Abrasive belt drift compensation system to center abrasive belt position.
- 配备独立电机控制，可以按需更换砂带和尼龙轮。
  Equipped with independent motor controller, abrasive belt and nylon wheel are replaceable as needed.

产品展示
Product display



适用产品
Application

- 卫浴五金，锁具五金，电子产品系列，厨具系列，家用五金。
- Bathroom hardware, locks hardware, electronic product, cookware, household hardware, and etc.

技术参数
Technical Parameters

机械手 Robotic Manipulator	ABB、发那科、川崎等知名品牌 ABB/FANUC/KAWASAKI/Other famous brand
砂光立柱系统 Sanding system	上下双砂带排列 Double sanding belt

砂光主电机功率 Power	4kw*2（1450r/min）
砂带宽度*长度 Belt size(width*length)	80mm*3900mm

圆盘自动抛光机 MULTIFUNCTIONAL DISC AUTOMATIC POLISHING MACHINE

把手抛光机
FAUCET AUTOMATIC POLISHING MACHINE





锅具抛光机
POT DISC AUTOMATIC POLISHING MACHINE





适用产品
Application

- 广泛应用于卫浴五金，锁具五金，电子产品系列，厨具系列，家用五金等。
- Bathroom hardware, locks hardware, electronic product, cookware, household hardware and so on.

设备优势
Equipment Advantages

- 自动补偿系统，首尾件效果一致并拥有发明专利。
  Automatic compensation system, the effect of the first and ending parts is consistent and a invention patent.
- 连续或间歇式运转。
  Continuous or intermittent rotation.
- 各个抛光机头独立调节。
  Independent controlled machine head.
- 具有自动喷腊系统，喷腊时间和喷腊角度可以调节。
  With automatic waxing system, the spraying time and spraying angle are controllable.
- 快速取放加工件，方便快捷，生产效率更高。
  Fast pick and place processed parts, disc assembly line production, higher production efficiency.

技术参数
Technical Parameters

转速 Rotation	变频调节 Variable frequency regulation
效果 Effect	亮面，镜面，拉丝（根据具体配置） Bright, mirrored, brushed (depending on configuration)

效率 Efficiency	约3-5秒/个（按工艺要求） About 3-5s/pcs (according to process requirements)
人工 Labor	操作员工1人 1 operator

汽车行李架数控抛光机 CAR ROOF RACK CNC POLISHING MACHINE



设备优势 Equipment Advantages

- 多轴数控抛光机，轨迹运动，仿形抛光。
  Multi-axis CNC polishing machine, trajectory movement, profiling polishing.
- 动态压力补偿系统，保证抛光品质稳定。
  Dynamic pressure compensation system to ensure stable polishing quality.
- 抛光轮跟随产品弧度紧密联动， 根据工艺要求做360度旋转运动。
  The polishing wheel closely links with the curvature of the product, and does 360-degree rotation according to the process requirements.
- 双工作台错位排列设计，前后交替轮换， 有效提高工作效率。
  Double workbench staggered arrangement design, front and rear alternating rotation, effectively improve work efficiency.
- 抛光时工作台前后短距离摆动，保证抛光后纹路更均匀细腻。
  The table swings back and forth for a short distance during polishing to ensure that the grain is more uniform and delicate after polishing.

适用产品 Application

- 汽车行李架，淋浴房支架，冰箱拉手,汽车尾汽管等产品。
- Car luggage rack, shower room bracket, refrigerator handle, automotive tailpipes, and etc.

产品展示 Product display



技术参数 Technical Parameters

功率 Power	380V 50Hz
转速 Rotation	变频调节 Variable frequency regulation
效果 Effect	亮面或其他工艺标准 Bright surface or other process standards

效率 Efficiency	8根/约8-10分钟（约1-1.5分/根） 8pcs/about 8-10mins(about1-1.5mins/pcs)
人工 Labor	操作员工1人 1 operator

数控切割机 CNC CUTTING MACHINE



产品展示
Product display





技术参数
Technical Parameters

机器型号 Model	YT-550
平台尺寸（W x L x H） Platform Size (W x L x H)	600mm x 500mm x 240mm
最大加工尺寸 Maximum Machinable Size	600mm x 500mm x 180mm
Z轴行程 Z-axis range	180mm
进料高度 Feeding Height	240mm
机体配置 Machine Body Material	全铸铁CNC加工 CNC machined cast iron

设备优势
Equipment Advantages

- 根据产品的形状，数控切割。
  CNC cutting based on product shape.
- 数控一体化，湿式切割，避免高温。
  Integrated CNC, wet cutting to avoid overheat.
- 简易夹具，快速安装。
  Simply fixture for fast installation.
- 自动门禁功能，安全。
  Automatic door control feature to ensure safety.

适用产品
Application

- 压铸件。
  castings / die castings.
- 适用于锌合金，铜，铝合金等材料的产品。
  Applicable materials: stainless steel/iron/copper/zinc alloy/aluminum alloy.

湿式集尘机
WET DUST COLLECTOR



设备优势
Equipment Advantages

- 材料为不锈钢制造。
  The material is SUS Material.
- 配备专用控制电箱，自动补水功能。
  Equipped with customized electric box for controller, automatic water spraying function.

技术参数
Technical Parameters

产品 Name	集尘机 Dust collector
功率 Power	22KW
风量 Volume	17463-27407m^3/h
转速 Rotation	1600r/min

全压 Pressure	2474-2169Pa
尺寸 Size	4057*3350*2955mm
功能 Feature	自动补水 Automatic water spraying