



公司简介 Company profile

中国·济南宝特机械有限公司是以专业研制、开发、生产、销售塑钢门窗设备、铝合金门窗设备、中空玻璃加工设备为主的企业。公司本着“以开发为先导、以质量生命、以服务为天职”的宗旨，先后研制开发了三大系列、一百多种产品。不仅满足了用户对规模、品质、效率的需求，同时满足了用户的个性化设计与制造需求。

公司多年来致力于中国专业节能门窗机械设备技术领域的发展和进步，拥有完善的技术中心、出口营销中心、网络中心、培训中心等，产品遍布全国各省、市、自治区，并远销德国、俄罗斯、乌克兰、伊朗、美国、澳大利亚等几十个国家，深受国内外用户的好评。

济南宝特机械有限公司依靠独特的管理理念，专业先进的生产技术和人才优势，使公司不断进步、不断创新。并以其服务至诚、求实稳健的企业风格，借鉴当今欧美发达国家的先进技术，结合中国实际情况，为门窗行业的朋友量身打造新一代的门窗组装机。

宝特人依靠自身的科研力量，走专业化、精品化、规模化发展之路，始终以先进的技术、优质的产品、满意的服务与您真诚合作。

Jinan Better Machinery Co., Ltd is one of big scale enterprise specializing in research development and manufacture of equipment for plastic doors and windows, equipment for aluminum doors and windows, and equipment for insulating glass.

The company's guide principle is "lead in Development, Strive for Quality, Live to Service". We have developed three series of production lines, and hundred kinds of products, which satisfy various demands of different customers.

With the complete scientific facilities and technical center, export center, network center and training center in professional energy-saving machine for doors and windows, the company are rewarded great reputation and its products are sold well in and out of the country and also far to Germany, France, Russia, Ukraine, Iran, the UK, the United States, Brazil, Australia, Mongolia etc., more than fifty countries and warmly welcomed.

Jinan Better Machinery Co., Ltd. employees depend on their research ability to continuously improve the quality of products and customer service. The company greets all friends in this profession with even more economical solutions and assiduous service.



品质 专业 完美
Quality Professional Perfect



BETTER 宝特机械®





车间一角

Part of the Workshop

精工细作 制造精品

Seiko Spy Manufacture High-quality Goods

全方位，为您打造一流设备

All for you to Create a First-class Equipment

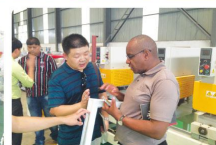
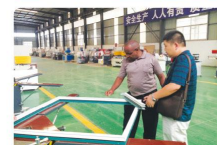
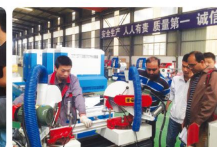
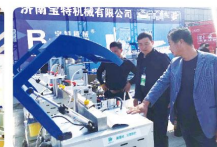


合作交流 互创双赢

A Mutual Win-win Cooperation and Exchange

本公司所提供产品质量可靠，性能稳定，处于国内领先水平。公司以最先进，最优质的产品奉献于客户，共同创造美好未来。

The company is at the stage of leading level in domestic market, provides the products with reliable quality and stable function, In order to create a glorious future, the company offers the most advanced and highest quality products to the customers.

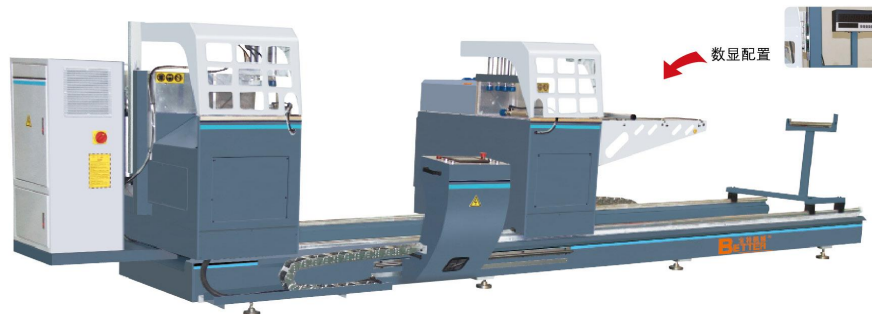


LJS-CNC-550(LJS-550) 铝门窗数控(数显)双头精密切割锯(内45° 固定角度)

Double-head precision cutting saw CNC (inside 45° fixed angle)

设备特点 Equipment Features

- 用于铝合金幕墙料、窗料的45° 切割下料。
- 台湾直线滑轨，确保机床精度的加工。使用硬质合金锯片，最大可装φ550mm大锯片，线速高，加工精度高。
- 机床工作时，两锯头锯片可同时进行切割，亦可独切割。
- 锯头固定成45° 角度，因而特别适合铝门窗的45度切割。
- For 45° cutting and cutting of aluminum alloy curtain wall material and window material.
- Taiwan linear slides ensure the machining accuracy of the machine tool. The carbide saw blade is used, and the largest φ550mm saw blade can be installed. The line speed is high and the machining precision is high.
- When the machine is working, the two saw blades can be cut at the same time or cut independently.
- The saw head is fixed at a 45° angle, making it ideal for 45 degree cutting of aluminum doors and windows.



主要技术参数 Main Technical Parameters

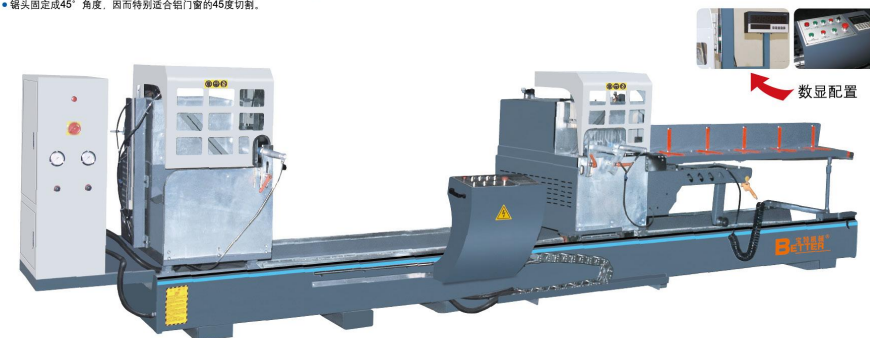
| 型号 Type | 电功率 Electric power | 转速 Speed | 切割角度 Cutting Angle | 锯片规格 Blade Specification | 锯切尺寸(宽/高) Cutting Size(width/height) | 重量 Weight | 外形尺寸 Outside Dimension |
|-------------|-----------------------|-------------|-----------------------|-----------------------------|---|--------------|---------------------------|
| LJS-CNC-550 | 380V 50Hz 7.5Kw | 2850r/min | 内45° | φ550mm | 180mm × 130mm | 2600kg | 6100 × 1650 × 2040 mm |
| LJS-550 | 380V 50Hz 6.5Kw | 2850r/min | 内45° | φ550mm | 180mm × 130mm | 2600kg | 6100 × 1650 × 2040 mm |

LJS-CNC-550(LJS-550) 铝门窗数控(数显)双头精密切割锯(外45° 固定角度)

Double-head precision cutting saw CNC (outside 45° fixed angle)

设备特点 Equipment Features

- 用于铝合金幕墙料、窗料的45° 切割下料。
- 台湾直线滑轨，确保机床精度的加工。使用硬质合金锯片，外径标配φ500mm，最大可装φ550mm大锯片，线速高，加工精度高。
- 机床工作时，两锯头锯片可同时进行切割，亦可独切割。
- 锯头固定成45° 角度，因而特别适合铝门窗的45度切割。
- For 45° cutting and cutting of aluminum alloy curtain wall material and window material.
- Taiwan linear slides ensure the machining accuracy of the machine tool. The carbide saw blade is used. The outer diameter is φ500mm, and the largest φ550mm saw blade can be installed. The line speed is high and the machining precision is high.
- When the machine is working, the two saw blades can be cut at the same time or cut independently.
- The saw head is fixed at a 45° angle, making it ideal for 45 degree cutting of aluminum doors and windows.



主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric power | 转速 Speed | 切割角度 Cutting Angle | 锯片规格 Blade Specification | 锯切尺寸(宽/高) Cutting Size(width/height) | 重量 Weight | 外形尺寸 Outside Dimension |
|-------------|-----------------------|-------------|-----------------------|-----------------------------|---|--------------|---------------------------|
| LJS-CNC-550 | 380V 50Hz 7.5Kw | 2850r/min | 外45° | φ550mm | 180mm × 200mm | 2600kg | 6300 × 1650 × 2040 mm |
| LJS-550 | 380V 50Hz 6.5Kw | 2850r/min | 外45° | φ550mm | 180mm × 200mm | 2600kg | 6300 × 1650 × 2040 mm |

LJZ-CNC-500×4200 铝门窗数控双头精密切割锯

Double-head Precision Cutting Saw CNC

设备特点 Equipment Features

- 本机适用于铝门窗及幕墙型材的切割;
 - 将锯头自动转换角度, 可实现45°、90° 型材的角度切割;
 - 进给系统采用进口直线导轨副, 精度高, 稳定性好;
 - 右机头传动精度高, 定位准确, 工作平稳;
 - 硬质合金锯片, 加工精度高, 耐用度高;
 - 进口直线轴承运动副, 使工作精度稳定。
- Used for cutting the profile of aluminum door and windows ,curtain wall and corner connector.
 - Automatic angle cutting change in 45° and 90° .
 - The feeding system adopts the imported linear guide pair, with high accuracy and stability.
 - Right head with high accurate driving, locating and smooth working.
 - Imported carbide saw blade is of accurate processing and high endurance.
 - Imported linear guiding pair ensures steady processing accuracy.



主要技术参数 Main Technical Parameters

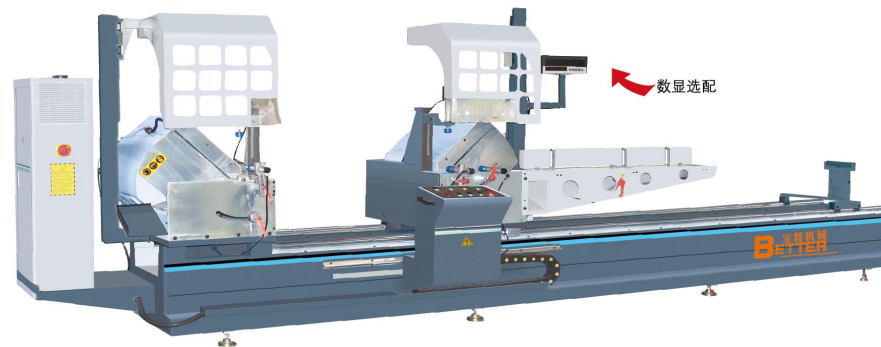
| 电功率 Electric power | 转速 Motor rotary speed | 切割角度 Cutting angle | 锯片规格 Blade specification | 锯切长度 Cutting Length | 锯切宽度 Cutting width | 锯切高度 Cutting height | 外形尺寸 Outside Dimension |
|-----------------------|--------------------------|-----------------------|------------------------------|------------------------|-----------------------|------------------------|---------------------------|
| 380V 50Hz 7.5Kw | 2840r/min | 外45° , 90° | φ 500 × φ 30 × 4.4 Z= 120 | 450mm ~4200mm | 0mm~150mm | 0mm~260mm | 5700 × 1650 × 1950mm |

LJZY-500×4200 铝门窗数显双头精密切割锯 / LJZB-500×4200 铝门窗双头精密切割锯

Digital Display Double-head Precision Cutting Saw(CNC)

设备特点 Equipment Features

- 该机广泛适用于铝门窗及幕墙加工工业;
 - 操作简单, 性能可靠, 技术先进, 便于维护;
 - 长度定尺数显表显示, 精度高;
 - 刀具切削速度快, 生产率高, 加工精度高;
- This is one new designed machine which used for cutting profile of aluminum door and windows ,curtain wall and corner connector.
 - It has feature of easy operation, reliable performance, advanced technique and convenient maintenance, etc.
 - The profile cutting size adopts the digital display technique to ensure high efficiency and accuracy.
 - Imported carbide saw blade gives accurate processing and high efficiency.



主要技术参数 Main Technical Parameters

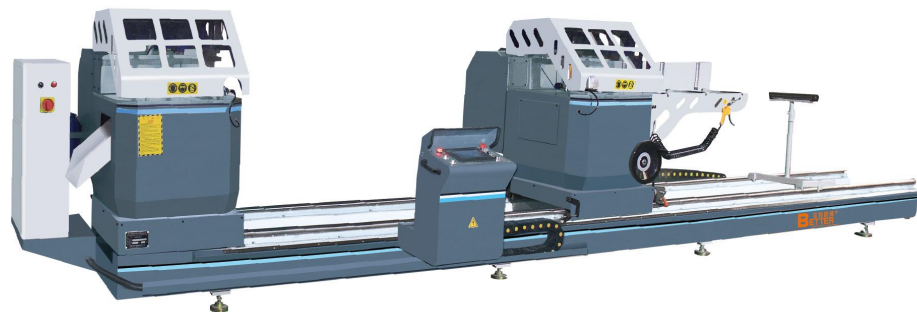
| 电源功率 Power Supply | 转速 Speed | 供气量 Air Consumption | 锯片规格 Blade Specification | 锯切长度 Cutting Length | 锯切宽度 Cutting width | 锯切高度 Cutting height | 外形尺寸 Outside Dimension |
|----------------------|-------------|------------------------|-----------------------------|------------------------|-----------------------|------------------------|---------------------------|
| 380V 50Hz 6.5Kw | 2840r/min | 60L/min | φ 500 × φ 30 × 4.4 Z= 120 | 450mm ~4200mm | 0mm~150mm | 0mm~260mm | 5700 × 1650 × 1950mm |

LJG-CNC-500/550 铝门窗数控双头切割锯 (重型)

Double-head cutting saw (heavy) for Aluminum

设备特点 Equipment Features

- 用于铝型材及幕墙型材的切割下料;
 - 高品质的进口铝材专用硬质合金锯片, 保证精确的切割性能;
 - 主轴精度高, 保证锯片转动平稳, 有效提高型材切割面的表面质量;
 - 机头自动回转, 双向定位, 夹紧, 定位准确且稳定;
 - 两锯头可实现45°、90°之间的角度转换;
 - 机床采用进口数控长度定位系统, 齿轮、齿条传动数控系统;
 - 两锯头即可单独工作, 也可同时工作。
- The saw machine is used for cutting alu-alloy and curtain wall profiles.
 - Dedicated high-quality imported aluminum carbide saw blades, ensuring precise cutting performance.
 - High precision spindle, rotate the blade to ensure a smooth and effective to improve the surface quality of the cut surface profiles.
 - The two-way location-and-clamping features high precision and steadiness.
 - Automatic angle cutting change in 45° and 90°.
 - Imported CNC length positioning system, gear, rack drive CNC system.
 - The two cutting units can work simultaneously or separately.



主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric Power | 转速 Speed | 切割角度 Cutting Angle | 锯片规格 Blade Specification | 锯切长度 Cutting Length | 锯切宽度 Cutting Width | 锯切高度 Cutting Height | 重量 Weight | 外形尺寸 Outside Dimension |
|-------------|-----------------------|-------------|-----------------------|-----------------------------|------------------------|-----------------------|------------------------|--------------|---------------------------|
| LJG-CNC-500 | 380V 50Hz 7.5Kw | 2840r/min | 45° 90° | φ500mm × φ30mm | 450~4200mm | 230~240mm | 107~126mm | 1800kg | 5850 × 1650 × 1550mm |
| LJG-CNC-550 | 380V 50Hz 7.5Kw | 2840r/min | 45° 90° | φ550mm × φ30mm | 450~4200mm | 260~310mm | 120~155mm | 1900kg | 5850 × 1650 × 1550mm |

LJG-500/550 铝门窗数显双头切割锯(重型)

Double-head cutting saw (heavy) for Aluminum(CNC)

设备特点 Equipment Features

- 用于铝型材及幕墙型材的切割下料;
 - 高品质的进口铝材专用硬质合金锯片, 保证精确的切割性能;
 - 主轴精度高, 保证锯片转动平稳, 有效提高型材切割面的表面质量;
 - 机头自动回转, 双向定位, 夹紧, 定位准确且稳定;
 - 两锯头可实现45°、90°之间的角度转换;
 - 长度定尺使用磁栅系统, 数显表显示, 精度高(备选);
 - 两锯头即可单独工作, 也可同时工作。
- The saw machine is used for cutting alu-alloy and curtain wall profiles.
 - Dedicated high-quality imported aluminum carbide saw blades, ensuring precise cutting performance.
 - High precision spindle, rotate the blade to ensure a smooth and effective to improve the surface quality of the cut surface profiles.
 - The two-way location-and-clamping features high precision and steadiness.
 - Automatic angle cutting change in 45° and 90°.
 - The profile cutting size adopts the digital display technique to ensure high efficiency and accuracy.
 - The two cutting units can work simultaneously or separately.



主要技术参数 Main Technical Parameters

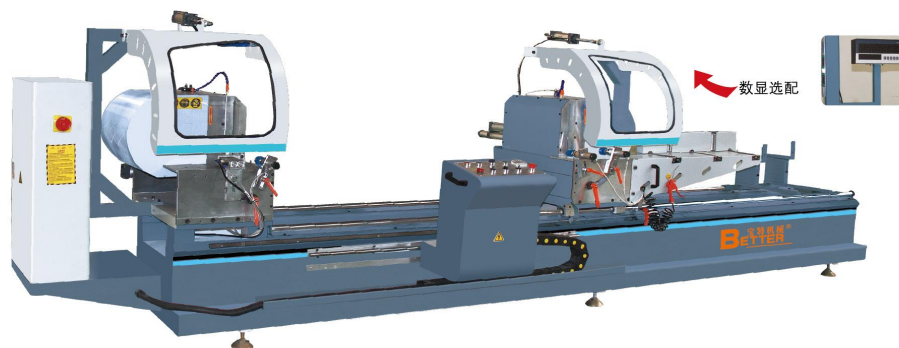
| 型号 Type | 电功率 Electric Power | 转速 Speed | 切割角度 Cutting Angle | 锯片规格 Blade Specification | 锯切长度 Cutting Length | 锯切宽度 Cutting Width | 锯切高度 Cutting Height | 重量 Weight | 外形尺寸 Outside Dimension |
|------------|-----------------------|-------------|-----------------------|-----------------------------|------------------------|-----------------------|------------------------|--------------|---------------------------|
| LJG-500 | 380V 50Hz 2×3Kw | 2840r/min | 45° 90° | φ500mm × φ30mm | 450~4200mm | 230~240mm | 107~126mm | 1800kg | 5850 × 1650 × 1550mm |
| LJG-550 | 380V 50Hz 2×3Kw | 2840r/min | 45° 90° | φ550mm × φ30mm | 450~4200mm | 260~310mm | 120~155mm | 1900kg | 5850 × 1650 × 1550mm |

LJZC-450×3700 铝门窗双头切割锯床(小精密锯)
Double-head Cutting Saw

设备特点 Equipment Features

- 用于铝型材90° ~45° 切割加工;
- 直线导轨;
- 结构坚固、钢性好、安全可靠、精度高、效率高。
- The machine is used for cutting 90° ~45° .
- A rail line.
- Solid structure, good rigidity, safety and reliability, high precision, high efficiency.

可加装自动
切角码功能



主要技术参数 Main Technical Parameters

| 电功率 Power | 工作气压 Air Pressure | 锯片规格 specification | 锯切尺寸 Cutting Size | 电机转速 Motor speed | 切割角度 Cutting range | 重量 Weight | 外形尺寸 Contour Dimension |
|---------------|----------------------|-----------------------|----------------------|---------------------|-----------------------|--------------|---------------------------|
| 380V 50Hz 3Kw | 0.6~0.8MPa | φ450 × φ30 | max3700mm min560mm | 2840r/min | 90° ~45° | 1000kg | 5100 × 1300 × 1550mm |

LJZB-450×3700 铝门窗双头切割锯床(小精密锯)
Double-head Cutting Saw

设备特点 Equipment Features

- 用于铝型材45° ~90° ~45° 切割加工;
- 直线导轨;
- 结构坚固、钢性好、安全可靠、精度高、效率高。
- The machine is used for cutting 45° ~90° ~45° .
- A rail line
- Solid structure, good rigidity, safety and reliability, high precision, high efficiency

可加装自动
切角码功能



主要技术参数 Main Technical Parameters

| 电功率 Power | 工作气压 Air Pressure | 锯片规格 specification | 锯切尺寸 Cutting Size | 电机转速 Motor speed | 切割角度 Cutting range | 重量 Weight | 外形尺寸 Contour Dimension |
|---------------|----------------------|-----------------------|----------------------|---------------------|-----------------------|--------------|---------------------------|
| 380V 50Hz 3Kw | 0.6~0.8MPa | φ450 × φ30 | max3700mm min560mm | 2840r/min | 45° ~90° ~45° | 1300kg | 5100 × 1300 × 1550mm |

LJJZ-500 铝门窗数控排料全自动角码切割锯 Corner connector auto cutting machine

设备特点 Equipment Features

- 刀具使用硬质合金齿锯片，电机功率大，切削速度高，生产率高，加工精度高；
- 该机操作简单，性能可靠，技术先进，易于维护保养；
- 选用德国硬质合金锯片，精密滚珠丝杆和进口导轨，故该机具有高强度、高精度与优良的稳定性。
- Saw blade is made from hominess alloy driven by powerful motor. Profile cutting is high speed, high efficiency and high precision.
- Operated easily, good performance, advanced technical. Easy maintenance.
- Equipped with German hard alloy saw blade, imported guide rail, the main parts are cast, seamless connections.

主要技术参数 Main Technical Parameters

| 电功率 Electric power | 转速 Speed | 工作压力 Air Pressure | 锯切尺寸(长/宽/高) Cutting Size(length/width/height) |
|-----------------------|-----------------------------|----------------------|--|
| 380V 50Hz 4.0Kw | 2840r/min | 0.5-0.8MPa | 260 × 370 × 120mm |
| 切削角度 Cutting Angle | 锯片规格 Blade Specification | 重量 Weight | 外形尺寸 Outside Dimension |
| 90° | φ 500 × φ 30 × 100 | 1000kg | 1500 × 1060 × 2000mm |

LJJ-500 铝门窗全自动角码切割锯 Corner connector auto cutting machine

设备特点 Equipment Features

- 刀具使用硬质合金齿锯片，电机功率大，切削速度高，生产率高，加工精度高；
- 该机操作简单，性能可靠，技术先进，易于维护保养。
- Saw blade is made from hominess alloy driven by powerful motor. Profile cutting is high speed, high efficiency and high precision.
- Operated easily, good performance, advanced technical. Easy maintenance

主要技术参数 Main Technical Parameters

| 电功率 Electric power | 转速 Speed | 工作压力 Air Pressure | 锯切尺寸(长/宽/高) Cutting Size(length/width/height) |
|-----------------------|-----------------------------|----------------------|--|
| 380V 50Hz 3.55Kw | 2840r/min | 0.5-0.8MPa | 650 × 140 × 200mm |
| 切削角度 Cutting Angle | 锯片规格 Blade Specification | 重量 Weight | 外形尺寸 Outside Dimension |
| 90° | φ 500 × φ 30 | 800kg | 2200 × 1600 × 1600mm |





LJJ-450 铝门窗全自动角码切割锯

Corner connector auto cutting machine

设备特点 Equipment Features

- 刀具使用硬质合金锯片，电机功率大，切削速度快，生产率高，加工精度高；
- 该机操作简单，性能可靠，技术先进，易于维护保养。
- Saw blade is made from hominess alloy driven by powerful motor. Profile cutting is high speed, high efficiency and high precision.
- Operated easily, good performance, advanced technical. Easy maintenance

主要技术参数 Main Technical Parameters

| 电功率 Electric power | 转速 Speed | 工作气压 Air Pressure | 锯切尺寸(长/宽/高) Cutting Size(length/width/height) |
|-----------------------|-----------------------------|----------------------|--|
| 380V 50Hz 3Kw | 2840r/min | 0.5-0.8MPa | 160 × 120 × 160mm |
| 切削角度 Cutting Angle | 锯片规格 Blade Specification | 重量 Weight | 外形尺寸 Outside Dimension |
| 90° | φ 500 × φ 30 × 100 | 700kg | 1600 × 1400 × 1500mm |

LZX3-CNC-3000 铝型材数控钻铣床

3-axis CNC Processing Center for Aluminum Profile

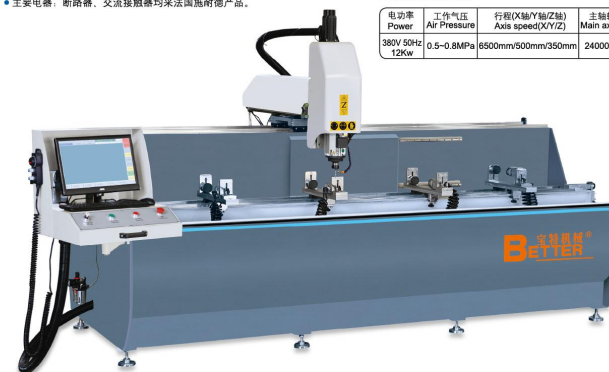
设备特点 Equipment Features

- 适用于工业铝合金型材、门窗、幕墙铝合金型材的圆孔、槽孔、锁孔、异形孔等以及铝型材的铁削、倒角、平面雕刻等工序的加工。
- 主轴采用意大利风冷电主轴，精度高、安全性、可靠性高。
- 采用台湾新一代CNC数控系统，配备专业CAD-CAM编程软件，自动转换加工G代码，操作简单，效率高，劳动强度低。
- 运动副全部采用进口导轨、滚珠、X轴采用高精度斜齿轮、斜齿条传动，Y轴、Z轴采用高精度滚珠丝杠传动，传动平稳，有效提高整机精度。
- 内置刀库可容6把刀具，采用刀柄为ISO30标准，安全可靠。
- 采用手动泵供油系统，刀具采用系统控制喷雾冷却装置。
- 主要电器：断路器、交流接触器均采法国施耐德产品。

- This machine is designed for processing round hole, slots, keyhole etc on aluminum profile, window-door and curtain wall industry, it is also suitable for processing milling, chamfering, engraving plane surface and other procedure.
- Main spindle adopt air-cooling electric main axis from Italy, have the function of high precision, high safety and high reliable.
- Adopt Taiwan SYNTEC CNC control system. Have professional CAD-CAM programming software. It can transform processing Code automatically, have the function of easy operation, high efficiency and lower labor intensity.
- Imported guide rail, sliding block, X axis adopt high precision oblique gear and rack driving Y and Z axis adopts high precision ball screw drive. The driver is stable, so can improve the precision of whole machine.
- Indise blades storage can hold 6 sets blades, the handle is approved ISO30 standards, it is very safety and reliable.
- Adopt manual pump oil supply system, blades adopt system control spray cooling device.
- The main electrical parts: circuit breakers, AC contactor are all SCHNEIDER brand.

主要技术参数 Main Technical Parameters

| 电功率 Power | 工作气压 Air Pressure | 行程(X轴/Y轴/Z轴) Axis speed(X/Y/Z) | 主轴转速 Main axis rev | 速度(X轴/Y轴/Z轴) Speed(X/Y/Z) | 电主轴功率 Main axis power | 外形尺寸 Contour Dimension |
|-------------------|----------------------|-----------------------------------|-----------------------|--|--------------------------|---------------------------|
| 380V 50Hz 12Kw | 0.5-0.8MPa | 6500mm/500mm/350mm | 24000r/min | X轴 50000mm/min Y轴 15000mm/min Z轴 15000mm/min | S6.9Kw, S1:7.5Kw | 7100 × 1600 × 2200mm |





LZX-CNC-1200 铝型材数控钻铣床

Aluminum Profile CNC Drilling & Milling Machining Center

设备特点 Equipment Features

- 采用先进工业数控系统，人机界面，设备操作简便；
- 适用于铝合金型材、铝木复合型材、铜型材等轻质合金，以及U-PVC型材的加工；
- 采用进口高精度直线导轨、滚珠丝杠、齿轮齿条及进口伺服电机，保证运行平稳，具有较高的定位及加工精度；
- 采用进口高速电主轴确保加工稳定性，转动稳定噪音小，切削能力强；
- 可旋转工作台能在 -90° 、 0° 、 $+90^{\circ}$ 三个位置间任意转换，实现一次安装可完成三个面的铣削加工。
- Using advanced industrial CNC systems, friendly machine interface and operation is simple.
- Suitable for aluminum, aluminum / wood composite profile, profiles and other light alloys of copper, as well as the U-PVC profile processing.
- Adopts imported high precision linear guideways, ball screw, gear racks and servo motor, ensuring smooth motion, positioning and processing of high precision.
- High-quality imported high speed spindle ensure stability, stability of rotation noise, cutting ability.
- Rotatable working table can be switch optional between -90° , 0° and $+90^{\circ}$, and can processing 3 sides at one time.

主要技术参数 Main Technical Parameters

| 电功率 Electric Power | 运行速度(X/Y/Z) Way Speed | 行程(X/Y/Z) Way Range | 气压 Pneumatic Pressure |
|------------------------|---|------------------------|---------------------------|
| 380V 50Hz 7.5Kw | 0-300mm/min / 0-120mm/min / 0-120mm/min | 1150mm / 300mm / 250mm | 0.6-0.8Mpa |
| 主轴转速 Main Shaft Rev | 加工面粗糙度 Roughness | 重量 Weight | 外形尺寸 Contour Dimension |
| 0-18000rpm | Ra 6.3 μ m | 1480kg | 1500 × 1420 × 1750mm |

LZX-CNC-550 铝型材数控钻铣床

Aluminum Profile CNC Drilling & Milling Machining Center

设备特点 Equipment Features

- 采用先进工业数控系统，人机界面，设备操作简便；
- 适用于铝合金型材、铝木复合型材、铜型材等轻质合金，以及U-PVC型材的加工；
- 采用进口高精度直线导轨、滚珠丝杠、齿轮齿条及进口电机，保证运行平稳，具有较高的定位及加工精度；
- 采用进口高速电主轴确保加工稳定性，转动稳定噪音小，切削能力强；
- 可旋转工作台能在 -90° 、 0° 、 $+90^{\circ}$ 三个位置间任意转换，实现一次安装可完成三个面的铣削加工。
- Using advanced industrial CNC systems, friendly machine interface and operation is simple.
- Suitable for aluminum, aluminum / wood composite profile, profiles and other light alloys of copper, as well as the U-PVC profile processing.
- Adopts imported high precision linear guideways, ball screw, gear racks and servo motor, ensuring smooth motion, positioning and processing of high precision.
- High-quality imported high speed spindle ensure stability, stability of rotation noise, cutting ability.
- Rotatable working table can be switch optional between -90° , 0° and $+90^{\circ}$, and can processing 3 sides at one time.

主要技术参数 Main Technical Parameters

| 电功率 Electric Power | 运行速度(X/Y/Z) Way Speed | 行程(X/Y/Z) Way Range | 气压 Pneumatic Pressure |
|------------------------|--|------------------------|---------------------------|
| 380V 50Hz 7.5Kw | 0-800mm/min / 0-40mm/min / 0-240mm/min | 580mm / 250mm / 240mm | 0.6-0.8Mpa |
| 主轴转速 Main Shaft Rev | 加工面粗糙度 Roughness | 重量 Weight | 外形尺寸 Contour Dimension |
| 0-18000rpm | Ra 6.3 μ m | 1480kg | 1300 × 1420 × 1750mm |





LXD06-250 铝幕墙铣榫机 Profile Tenon Milling Machine

设备特点 Equipment Features

- 两组刀具可在0° -180° 范围内铣削。
- 六套组合刀具可根据用户需要组合成任意尺寸。
- 适用于各种型材端面，台阶面的成型加工。
- 变频电机速度可调，切削平稳均匀，精度高，质量好。
- Milling any angle between 0° and 180° is available.
- The six combined cutters can assemble any size according to the requirement of buyer.
- Used for processing various profile surface and step surface etc.
- Feeding system adopts motor drag, uniform speed feeding, accurate processing and high quality.

主要技术参数 Main Technical Parameters

| 电功率 Electric power | 铣刀直径 Cutter diameter | 转速 Rotary Speed | 重量 Weight | 外形尺寸 Outside Dimension |
|-----------------------|-------------------------|--------------------|--------------|---------------------------|
| 380V 50Hz 13.57kw | φ 250mm | 2800r/min | 1800Kg | 2500 × 1300 × 1800 mm |

LXDZ-250 走刀式端面铣床(五刀) Automatic End Milling Machine (5 cutters with cutter moving type)

设备特点 Equipment Features

- 铣刀一次性在型材端面上铣出精确的榫口，大工作台，大走刀行程，实现多根铣削。
- 刀具可上下、左右调整以适应不同型材，不同榫口的加工尺寸要求进行端铣，铣削榫口精度±0.15mm。
- 采用无级调速自动走刀，自动压料，5刀同时行走加工，方便快捷高效。
- 压板装有导向装置，防止型材偏转，设型材限位板，有效的防止型材错位。
- Mainly used for the milling of mortises and surfaces of aluminum alloy door and window and curtain wall materials.
- Carbide milling tool can be used to mill precision mortised once on the sur-face of sectional material. The big worktable and tool feeding can realize milling many materials one time.
- The milling tools can end mill different profiles and with convenient and direct adjustment. The precision of milling mortises is not more than 0.15mm.
- Adopted automatic tool feed and material pressing system, convenient and efficient.

主要技术参数 Main Technical Parameters

| 电功率 Input Voltage | 切削宽度×高度 Cutting width × height | 粗糙度 Roughness | 重量 Weight |
|--------------------------|-----------------------------------|---------------------------|--------------|
| 380V 50Hz 10Kw | 100 × 40mm | Ra12.5 μm | 1380kg |
| 转速 Motor rotary speed | 锯片规格 Saw Blade specification | 外形尺寸 Contour dimension | |
| 2840r/min | φ 250 × φ 32 | 3000 × 1250 × 1900mm | |





LXDB-250 新型自动排料调刀端面铣床(四刀/五刀) New Type Heavy Duty Automatic Feeding End Milling Machine

设备特点 Equipment Features

- 用于铝型材端面的铣削加工, 可一次铣削多根型材, 效率高;
- 四片水平端铣刀与一片垂直纵切铣刀配合, 满足加强中框加工要求;
- 刀具可调不必订制刀具, 从而缩短生产周期和降低成本;
- 刀具直径大, 切削速度高, 加工面质量好。
- Clamp one time can processing multi-piece profiles, which increased the processing efficiency.
- Four horizontal milling knives and one vertical milling knives combination to mill strengthened type of mullion profile.
- The tool is adjustable, production cycles, reduce costs.
- The tool diameter, cutting speed, good quality machined surface.

主要技术参数 Main Technical Parameters

| 电功率 Input Voltage | 铣刀规格 Specification | 锯片直径 Saw blade diameter |
|----------------------|-----------------------|----------------------------|
| 380V 50Hz 4 × 2.2Kw | φ 250 × φ 32 | φ 300mm |
| 转速 Speed | 重量 Weight | 外形尺寸 Contour dimension |
| 2800r/min | 1300kg | 2750 × 1400 × 1650mm |



LXD-250A 铝门窗多功能端面铣床 Multi-function End Milling Machine

设备特点 Equipment Features

- 适用铝型材端面的铣削加工;
- 可一次铣削多根型材, 效率高;
- 刀具可上下, 左右调整以适应不同形状尺寸的加工;
- 刀具直径大, 切削速度高, 加工面质量好;
- 工进系统采用气液阻尼装置, 平稳可靠。
- Milling the aluminum mullion profile to connect the mullion profile and frame profile.
- Can mill many profile in one time with high productivity.
- Milling Knives can be adjusted up/down and left/right to meet different type of profile
- Large diameter of milling knives, high speed milling, good quality milling profile surface.
- Hydraulic pneumatic forwarding device is to assure the stability.

LDXZ-250 铝型材自动走刀端面铣 End-milling Machine for Aluminum Profile

设备特点 Equipment Features

- 本机可一次铣削多根型材, 生产效率高。
- 采用斜齿轮传动, 进给平稳, 铣削精度高。
- 根据型材的多样性, 实现调节简便, 快捷, 效率高。
- 采用欧式喷雾装置, 每个喷雾可单独使用或同时使用。
- 采用直线方轨运动幅, 平稳精度高。
- It can be a milling root profile, high production efficiency.
- Adopt the helical gear drive, the feed is stable, the milling precision is high.
- According to the diversity of profiles, the machine can adjust is simple, fast, and high work efficiency.
- The machine adopts European spray device, each spray can be used alone, also can be used at the same time.
- Adopt straight line square rail motion amplitude, stable and high precision.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Input Voltage | 转速 Speed | 锯片规格 Saw Blade Specification | 重量 Weight | 外形尺寸 Outside Dimension |
|------------|----------------------|-------------|---------------------------------|--------------|---------------------------|
| LXD-250A | 380V 50Hz 4.4Kw | 2800r/min | φ 200/160 × φ 32 | 600kg | 1650 × 700 × 1450mm |
| LDXZ-250 | 380V 50Hz 5.5Kw | 2800r/min | φ 250mm × φ 32 | 700kg | 2200 × 1200 × 1600mm |





LXDA-200 铝门窗排料端面铣床
End-milling Machine

设备特点 Equipment Features

- 用于各种型材端面、台阶面及端面槽加工;
- 工作台上可调, 调刀方便;
- 刀具安装在主轴上, 电机运转精度不影响刀具工作精度;
- 刀具进给直线轴承运动副, 工作性能稳定。
- Used for processing aluminum profile end, step face and end slot etc.
- Convenient tool setting is due to adjustable worktable.
- Tool main shaft is connected by transition axis, thus the motor main shaft rotating.
- Accuracy can not affect the tool's working accuracy.

LXD-200 铝门窗端面铣床
End-milling Machine

设备特点 Equipment Features

- 适用于各种型材端面、台阶面及端面槽等的成型加工;
- 高精度主轴, 加工精度高;
- 35° ~0° 端面任意角度铣削;
- 工作台上可调, 调刀方便。
- Used for processing aluminum profile end, step face and end slot etc.
- Super precision main shaft insures accurate and steady processing.
- Adjustable processing angle within 35° ~0°.
- Convenient tool setting is due to adjustable worktable.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric Power | 铣刀主轴直径 Milling Cutter Diameter | 工作台尺寸 Worktable dimension | 气压 Air Pressure | 工作台升降行程 Desk lifting journey | 铣刀直径 Diameter of Milling Cutter | 重量 Weight | 外形尺寸 Outside Dimension |
|------------|-----------------------|-----------------------------------|------------------------------|--------------------|---------------------------------|------------------------------------|--------------|---------------------------|
| LXDA-200 | 380V 50Hz 2.2Kw | φ32 | 500 × 350mm | 0.5-0.8MPa | 0-80mm | φ110-φ200mm | 300kg | 850 × 740 × 1350mm |
| LXD-200 | 380V 50Hz 2.2Kw | φ32 | 500 × 350mm | 0.5-0.8MPa | 0-80mm | φ110-φ200mm | 300kg | 850 × 740 × 1350mm |

LFX-02 铝型材仿形铣床
Single Head Contour Milling and Drilling Machine

设备特点 Equipment Features

- 本机结构紧凑, 电机功率大, 仿形触头随型旋转;
- 适用机床式铣刀刀具, 扩展了铣刀直径范围;
- 可整体拆装主轴, 提高了铣刀的同心度及夹持力, 仿形误差小;
- 带自锁功能, 省时省力, 可加工不同形状的槽孔。
- This machine has the advantages of compact structure, large motor power, profile contact with rotary.
- Extended milling cutter diameter range.
- Concentricity and clamping force is high, the contour error is small.
- With self-locking function, it saves time and effort, and can process slot holes of different shapes.

LFX-04 铝型材高速单轴仿形铣床(新式)
Single-head Copy-routing Milling Machine

设备特点 Equipment Features

- 该机床用于铝门窗的各类型孔、槽槽、流水槽等的仿形加工;
- 采用仿形模板和辅助定位两种仿形方式;
- 可通过标尺控制, 加工不同位置的孔槽;
- 带自锁功能, 省时省力, 可加工不同形状的槽孔。
- Used for Various types of holes, tongue and groove, sink sink profile processing.
- It has features of compact structure and small volume.
- It can processing different grooves controlled through the ruler.
- With self-locking function, it saves time and effort, and can process slot holes of different shapes.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric Power | 铣刀直径 Milling Cutter Diameter | 仿形范围 Profile width | 气压 Air Pressure | 重量 Weight | 外形尺寸 Outside Dimension |
|------------|-----------------------|---------------------------------|-----------------------|--------------------|--------------|---------------------------|
| LFX-02 | 380V 50Hz 1.1Kw | φ5-8mm | 235 × 100mm | 0.6-0.8MPa | 161kg | 870 × 700 × 1500mm |
| LFX-04 | 380V 50Hz 1.5Kw | φ5-8mm | 300 × 150mm | 0.6-0.8MPa | 173kg | 1000 × 1130 × 1600mm |



SZJ02 铝型材锁盒孔槽加工机 End-milling Machine

设备特点 Equipment Features

- 用于铝型材安装门锁的孔槽加工;
- 开孔、开槽一次加工, 省时省力;
- 打孔位置与开槽位置任意调节, 适应各种型材;
- 立式加工, 方便操作。
- For aluminum profile installation door lock slot processing.
- Opening, grooving a medium, saving time and effort.
- Punching position and slot position arbitrary adjustment, to adapt to a variety of profiles.
- Vertical machining, easy to operate.



LSX01-100 铝门窗双轴仿形铣床 Double-head Copy-routing Milling Machine

设备特点 Equipment Features

- 用于铝门窗的各类孔、槽、流水槽等的仿形加工;
- 采用仿形模板和辅助定位两种仿形方式;
- 脚踏开关控制压紧气缸, 安全可靠, 结构紧凑、体积小。
- Used for copy routing processing various kinds of holes, grooves and water-slots on aluminum windows and doors.
- It has features of compact structure and small volume, the clamping is driven by air pressure.
- Continuous copy-routing milling is available in vertical and horizontal way.



SZJ01 铝门窗锁孔槽加工机 Lock-hole Groove Processing Machine

设备特点 Equipment Features

- 用于铝门窗的各类孔、槽、排水孔等的仿形加工;
- 采用仿形模板和辅助定位两种仿形方式。
- The copy-routing processing is available.
- With Features of compact structure small volume.



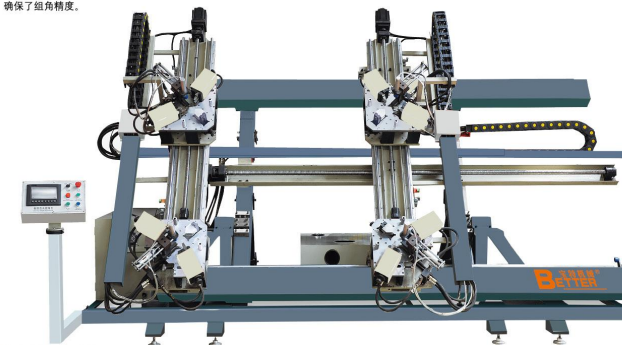
主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric Power | 铣刀直径 Milling Cutter Diameter | 仿形范围 Copy-routing Range | 耗气量 Air consumption | 加工型材截面 Profile section | 重量 Weight | 外形尺寸 Outside Dimension |
|------------|-----------------------|---------------------------------|----------------------------|------------------------|---------------------------|--------------|---------------------------|
| SZJ02 | 380V 50Hz 2.2Kw | φ12、φ10 | / | 20L/min | 235-100mm | 180kg | 850×740×1200mm |
| LSX01-100 | 380V 50Hz 1.5Kw | φ5、φ8 | 290-100mm | 20L/min | 235-100mm | 250kg | 870×800×1500mm |
| SZJ01 | 380V 50Hz 2.2Kw | φ5、φ8 | 290×90×100mm | 20L/min | 235-100mm | 250kg | 870×850×1500mm |

ZJ-CNC-100×1800×3000 铝门窗数控四头组角机 Four-head Corner Combining Machine CNC for Aluminum Door and Window

设备特点 Equipment Features

- 该机用于铝门窗高效组角, 一次完成四个角的冲压连接;
- 压紧装置自动前后移动, 操作方便, 窗体尺寸自动调节;
- 组角刀前后左右调整方便, 适应不同型材的需要;
- 一次性组角可对型材接缝及平面度控制, 保证组角质量;
- 控制系统与伺服系统实现无缝连接, 大大提高控制精度;
- 机架专业焊接, 并经时效处理;
- 采用进口高品质数控系统, 兼顾了速度与精度;
- 四角自动预紧, 确保了组角精度。
- Used for corner punching combination of aluminum window& door, four corners connecting at one time is available.
- Clamping device can auto move forward / backward, making the operation convenient.
- The frame is specially jointed by steel with high quality and special process.
- One time corner crimping can control the seam and plane, make the quality foresight.
- The CNC system imported, with high quality ensures the speed and accuracy.
- The moment control function of the service system can auto-press the four corners ensuring the processing effect.
- The corner-crimping blade can be adjusted according to the requirement of different profile.
- The control system service system make the connect no-seam and improve the control accuracy.



主要技术参数 Main Technical Parameters

| 电功率 Electric power | 额定油压 Rating oil pressure | 耗气量 Air consumption | 油箱容量 Capability of oil box | 组角缸运动行程 way range | 气压 Air pressure | 对接缝隙误差 Connection seam error | 组角最大框尺寸 Max framedimension | 组角最小框尺寸 Min framedimension | 重量 Weight | 外形尺寸 Outside Dimension |
|-----------------------|-----------------------------|------------------------|-------------------------------|----------------------|--------------------|---------------------------------|-------------------------------|-------------------------------|--------------|---------------------------|
| 380V 50Hz 6Kw | 15 Mpa | 60L/min | 60L | 0-60mm | 0.5-0.8 Mpa | ≤0.15mm | 1800×3000 mm | 550×550 mm | 2500kg | 4700×2000×2600mm |



LZJ-05-180 铝门窗同步组角机 Corner Crimping Machine

设备特点 Equipment Features

- 该设备不仅用于铝合金门窗45°角的冲铆连接，而且还能用于幕墙型材45°角的冲铆连接。
- 采用可编程控制（PLC）控制，工作稳定，可靠，维修方便。
- 沉降式多重组合定位系统，确保定位精度及取放型材方便。
- 油缸杆带有刻度，刀具深浅调整准确。
- 辅助定位采用双层燕尾结构，两层可分别调节，便于型材定位。辅助定位前后移动采用数字显示测量尺，尺寸读取直观，调整快捷，方便。
- 内定位可调节高度。
- The equipment is not only used in aluminum alloy doors and Windows of 45° Angle of rivet connection, but also can be used for curtain wall profiles 45° Angle of rivet connection.
- Using programmable controller (PLC) control, stable and reliable work, convenient maintenance.
- Low sedimentation type multiple positioning system, to ensure the positioning precision and convenient take put profiles.
- Low oil cylinder rod with scale, cutting tool depth adjustment accurately.
- Auxiliary positioning adopts double dovetail structure, two layer can be adjusted respectively, facilitate profiles. Before and after the auxiliary positioning mobile adopts digital display measuring scale, size read intuitive, fast and convenient adjustment.
- Internal positioning adjustable height.

主要技术参数 Main Technical Parameters

| 电功率 Electric power | 额定油压 Rating oil pressure | 适应型材宽度 Profile width | 组框尺寸 Processing dimension |
|-----------------------|-----------------------------|-------------------------|--------------------------------------|
| 380V 50Hz3Kw | 13 Mpa | 180mm | Min 260 × 260mm Max 3000 × 3000mm |
| 气压 Air pressure | 耗气量 Air consumption | 重量 Weight | 外形尺寸 Contour dimension |
| 0.5-0.8 Mpa | 40L/min | 500Kg | 3000 × 1300 × 1500mm |

LZJ-02 铝门窗同步组角机 Corner Crimping Machine

设备特点 Equipment Features

- 组角刀可根据型材不同的端面结构进行上下调整，以达到最佳的组角效果。
- 液压系统控制动力，平稳可靠。
- 单刀多点组角刀，使隔热断桥铝门窗组角更加可靠。
- The frame is specially jointed by steel with high quality and then does special process.
- It is collocate single cutter of many points crimping cutter ensure reliably crimping heat insulation aluminum windows and doors.



LZJ-03 铝门窗重型组角机 Corner Combining Machine

设备特点 Equipment Features

- 用于多层角码铝门窗90°角连接。
- 机械联动，保证了组角的同步性和准确性。
- It's used for connecting 90° angle of aluminum window and door with multiplayer corner connector.
- Adopts mechanical linkage structure, realizing completely synchronous corner crimping.



主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric power | 适应型材宽度 Profile width | 额定油压 Rating oil pressure | 气压 Air pressure | 耗气量 Air consumption | 组角行程 Angle stroke | 重量 Weight | 外形尺寸 Contour dimension |
|------------|-----------------------|-------------------------|-----------------------------|--------------------|------------------------|----------------------|--------------|---------------------------|
| LZJ-02 | 380V 50Hz 1.5Kw | 120mm | 12Mpa | 0.5-0.8 Mpa | 20L/min | 90mm | 300Kg | 1000 × 1000 × 1200mm |
| LZJ-03 | 380V 50Hz 2.2Kw | 120mm | 12Mpa | 0.5-0.8 Mpa | 20L/min | 95mm | 450Kg | 1200 × 1200 × 1400mm |

LYA6-50 铝门窗液压六座压力机

Pressing Machine

设备特点 Equipment Features

- 用于铝合金门窗组装，铝合金型材冲压工序；
- 每个组合冲模可完成多个冲压，通过更换不同工位完成不同冲压；
- 圆盘式工作台，六个工作位置，可以安装六套模具。
- Used for installation of aluminum alloy windows and doors and the punching processing of aluminum profiles.
- Punching process, by changing processing position, various types profiles can be processed.
- Adopt disk worktable is equipped with six set dies.



LY-50 铝门窗液压压力机

Pressing Machine

设备特点 Equipment Features

- 适用于平开门窗、冲块手、水槽、连杆冲孔、扇冲角
- 也可加装连接销钉孔等其它工位。
- Suitable for flat open doors and windows, punching, punching, handle, water connecting rod fan angle.
- Can also be provided with the connecting pin holes and other station.



LYA-16 铝门窗压力机

Punching Machine

设备特点 Equipment Features

- 该机为五工位气动冲压。冲压光滑平整，生产效率极高；
- 用于铝门窗五金件安装孔槽冲压；
- 采用气动脚踏阀控制，工作稳定。
- The machine is 4 working positions.
- Used for the punching of bores of aluminum doors and windows smoothly and efficiently.
- Operation, assemble and unassem bled the mould is easy.



主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Working Voltage | 模具最大直径 Universal Rolls Diam | 额定油泵压力 Rated Oil Pump Pressure | 油箱容量 Capacity of Oil Box | 冲裁行程 Blanking Travel | 重量 Weight | 外形尺寸 Contour Dimension |
|------------|------------------------|--------------------------------|-----------------------------------|-----------------------------|-------------------------|--------------|---------------------------|
| LYA6-50 | 380V 50Hz 1.1Kw | 170 × 210mm | 12MPa | 20L | 50mm | 500kg | 1000 × 1200 × 1700mm |
| LY-50 | 380V 50Hz 1.1Kw | 190 × 360mm | 12MPa | 20L | 50mm | 200kg | 610 × 610 × 1200mm |
| LYA-16 | / | / | / | / | 50mm | 180kg | 600 × 600 × 1950mm |

WY360A-CNC 铝型材数控弯圆机

CNC bending machine for aluminum profile

设备特点 Equipment Features

- 本设备适合各种金属型材或异型材；
- 采用进口计算机控制，使操作更加简单方便；
- 专用的弯弧软件，能够检测材料的反弹数据，消除反弹；
- 能弯曲C形、U形、椭圆形、整圆形、弹簧等形状；
- 由于使用了数控油压系统，定位精度≤0.01mm；
- 其产品性能达到欧洲先进数控弯弧机标准。
- The device is suitable for various metal profile or profile.
- This machine adopts imported computer control, make the operation more simple and convenient.
- A special bend arc software,The ability to detect material of rebound data, eliminate rebound.
- Able to bend C shape, U shape, ellipse, circle, such as spring shape.
- Because of the use of numerical control hydraulic system, positioning accuracy ≤ 0.01mm.
- The performance of their products reach Europe advanced CNC bending arc machine standard.



LW-100 铝门窗弯圆机

Bending Machine

设备特点 Equipment Features

- 该机是圆弧形铝门窗弯圆专用设备；
- 采用手动进给方式，操作方便、灵活。
- For arch window.
- Manual feeding,easy operation.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Working Voltage | 最小弯弧半径 Min Bending Radii | 滚轮模具最大直径 Universal Rolls Dinam | 工作气压 Air Pressure | 滚轴转速 Roller Speed | 加工型材最大宽度 Processing Width | 重量 Weight | 外形尺寸 Contour Dimension |
|------------|------------------------|-----------------------------|-----------------------------------|----------------------|----------------------|------------------------------|--------------|---------------------------|
| WY360A-CNC | 380V 50Hz 3Kw | 30mm | 200mm | 0.4-0.8Mpa | 1-8r/s | 150mm | 1500kg | 1150 × 1050 × 1050mm |
| LW-100 | 380V 50Hz 1.1Kw | / | 120mm | / | / | / | 200kg | 610 × 610 × 1200mm |





LFH01 铝型材复合机

Rolling Machine

设备特点 Equipment Features

- 三组六个滚压轮组件,将已穿入隔热条的铝合金型材槽口压紧,型材连接强度高;
- 采用三组高精度数字检测,准确测出在关押中型材的每组压力;
- 每组滚压轮可单独调节。
- Used forit has three-group, six roller wheels. It will press out notch of aluminum profile, which has inserted strip. In order to in sure connecting intensity of profile.
- Adopts three-group high precision digital technique to inspect in order to measure pressure of every group.
- Roller wheel of every group can be regulated .

主要技术参数 Main Technical Parameters

| 电功率 | 直径 | 调节范围 | 加工型材尺寸 | 重量 | 外形尺寸 |
|--------------------------------|--------------|-------------------|--------------|-------------------|----------------------|
| Electric power/Cutter diameter | Profile size | Regulate arrange | Weight | Outside Dimension | |
| 380V 2.2Kw | φ 238 | 0~100mm / 0~180mm | 260 × 260 mm | 1800kg | 1220 × 1300 × 1350mm |



LKC01 铝型材开齿机

Knurling Machine

设备特点 Equipment Features

- 该机是隔热型材生产的主要设备;
- 提高隔热条和组合型材剪切力;
- 采用优质硬质合金滚花刀片高速运转,将铝合金型材嵌隔热条槽口进行开齿,开齿质量好。
- It' s main machine for processing thermal break for aluminum profiles.
- It is pivotal machine for improving shearing insulated strip and aluminum combination profile.
- Adopts good quality cemented carbide alloy cutter to open notch of profile.

LJZ-2000 铝门窗设钻钻孔机

Hinge Drilling Machine

设备特点 Equipment Features

- 铝门窗铰链钻孔机,是为适应我国铝门窗加工业的发展而开发的新机型。
- 该机操作简单,安全可靠,技术先进,易于维护保养。
- 主要用于铝门窗铰链钻孔。
- 可两边同时钻四个孔,生产效率。
- 两机头即可单独工作,也可同时工作。
- 左机头固定在床身上,右机头可锁定在所需位置,配有气缸接近装置,方便定尺寸。
- 钻头工进在直线导轨上由气缸推动前后移动,工进前缘有缓冲器,可使工进平稳,并能限位。
- The machine for aluminum doors and windows is a new model developed for aluminum door and window .
- Gaiji operation is simple, safe and reliable, advanced technology, easy to maintain and maintenance.
- It is mainly used to drill hinge holes in aluminium door and window.
- The two heads can work alone or at the same time.
- The bed of the machine tool is equipped with two heads, the left head is fixed, and the screw is fixed on the bed.
- The right head can be locked in the desired position and equipped with a cylinder proximity device to facilitate the sizing.
- The bit working in the linear guide rail is driven by the cylinder before and after the movement, the front end of the work is equipped with a buffer, can make the work smoothly, and can limit.

主要技术参数 Main Technical Parameters

| 型号 | 电功率 | 直径 | 调节范围 | 加工型材尺寸 | 气源 | 耗气量 | 重量 | 转速 | 外形尺寸 |
|----------|-----------------|-----------------|------------------|---------------|--------------|-----------------|--------|-----------|----------------------|
| Type | Electric power | Cutter diameter | Regulate arrange | Profile size | Air pressure | Gas consumption | Weight | Speed | Outside Dimension |
| LKC01 | 380V 50Hz 1.1Kw | φ 80 | 0~250mm/0~250mm | 200 × 250 mm | 0.6~1.0Mpa | / | 800kg | / | 1200 × 1200 × 1650mm |
| LJZ-2000 | 380V 50Hz 3.0Kw | φ 7 | / | 2000 × 320 mm | 0.5-0.8MPa | 30L/min | 400Kg | 1400r/min | 3500 × 1100 × 800mm |

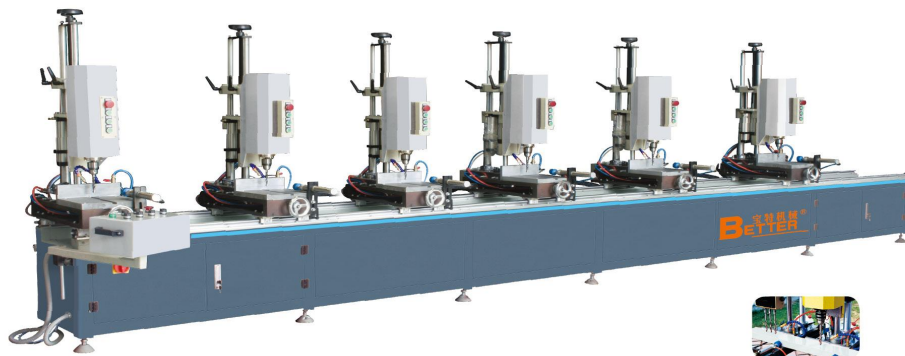


LJZX-06 铝幕墙多头组合钻床

Multi Mitre Combination Drilling Machine

设备特点 Equipment Features

- 该钻床主要用于铝合金门窗、幕墙型材的钻孔，特别适用于长料及大批量生产；
- 适用于截面不超过250×250mm的型材，加工长度最大达到5000mm；
- 可安装多头钻座，满足多组群孔的同时加工；
- 进给系统采用气压阻尼缸，进给平稳；
- 采用PLC系统，可实现任意机头的单动和联动。
- Mainly used for cutting big size and multitudinous aluminum alloy and curtain wall profiles.
- Max processing profile section size is 250×250mm, max processing length is 5000mm.
- Multi-head boring anchor can be fixed to meet multi-holes processing requirement.
- Feeding system adopts airdraulic-damping cylinder, which ensured smooth feeding.
- Imported PLC control system with steady capability.



主要技术参数 Main Technical Parameters

| 电功率 Input Voltage | 进气压力 Feeding pressure | 工作台尺寸 Worktable size | 转速 Motor speed | 每组孔最小距离 Min distance between each group holes | 最大钻孔直径 Max drilling hole diameter | 钻头进给行程 Drill feed travel | 两钻孔最大距离 Max distance between two drilling holes | 动力头数量 Power unit quantity | 重量 Weight | 外形尺寸 Contour Dimension |
|----------------------|--------------------------|-------------------------|-------------------|--|--------------------------------------|-----------------------------|--|------------------------------|--------------|---------------------------|
| 380V 50Hz 6×1.5Kw | 0.5-0.8MPa | 300×300mm | 1400r/min | 300mm | φ13mm | 125mm | 5000mm | 6/4 | 880kg | 5500×1000×1900mm |

SHP4-CNC-3000G 彩色塑料门窗数控四角焊接机

SHP4-3000 塑料门窗四角焊接机

Four Point Welding Machine CNC

设备特点 Equipment Features

- 可实现2mm焊缝与0.2mm焊缝焊接形式的转换；
- 采用滚珠丝杠传动实现机头水平运动，及钢丝芯同步带传动实现机头垂直运动，焊接尺寸精度高；
- 采用平行焊接技术，实现每个机头两块压钳同步对称进给，焊接角强度更高；
- 机头上压钳到位及机头进给等运动主要采用力导轨运动副，性能稳定可靠。
- Interchange of 2mm welding seam and 0.2mm welding seam.
- Ball screw system adopted to realize the horizontal movement of machine head; using step belt with steel wire core to realize the vertical movement of the machine head; high welding accuracy.
- Parallel welding makes profile-clamps synchronously and symmetrically feeding forward; high corner strength.
- Square bearing system is adopted in the upper clamp and machine head feeding to guarantee reliable performance.



主要技术参数 Main Technical Parameters

| 工作压力 Air Pressure | 耗气量 Air Consumption | 输入电压 Input Voltage | 输入功率 Input Power | 焊接型材高度范围 Processing Profile Height | 焊接型材宽度 Processing Profile Width | 重量 Weight | 外形尺寸 Outside Dimension |
|----------------------|------------------------|-----------------------|---------------------|---------------------------------------|------------------------------------|--------------|---------------------------|
| 0.5-0.8MPa | 200L/min | 380V/220V 50Hz | 9Kw | 25-160mm | 130mm | 3000kg | 5000×2000×2850mm |

WFH-4-5MB 高档彩塑门窗四位(三位/二位)无缝焊接机

Four-head Welding and Cleaning(Seamless) Welding Machine

设备特点 Equipment Features

- 专业用于焊接彩色型材,焊接完成后将焊帽一次性清理完成;
- 严格控制焊接缝隙的大小,焊口表面十分美观,焊接强度高;
- 通过控制和气动系统处理模式,增加焊接强度,保证在不同环境焊接强度最优;
- 刀具采用特殊材料,通过特殊热处理精密加工而成,可自动更换刀具;
- 八片刀具对角缝进行焊接清理,对中挺和十字型中挺进行低缝隙清理,各种中挺的表面焊接美观,强度高。
- Welding and cleaning welding machine for plastic window is particularly suitable for welding colorful section steel.
- Various window-support have perfect welding surface and high welding strength.
- For high corner strength and later good cleaning.
- The cutter is standardization completely,to achieve exchangeable,without professional the cutter can change without professional.
- Uses eight cutting tools to weld and clear corners and seams,and it can also conduct low-seam clearing for window-support and crossed window-support;various window-support have perfect welding surface and high welding strength.



主要技术参数 Main Technical Parameters

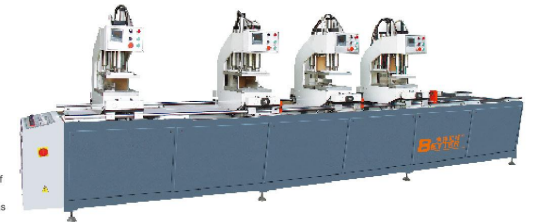
| 电源 Input Voltage | 功率 Total Power | 工作气压 Air Pressure | 耗气量 Air Consumption | 焊接型材高度 Welding Height | 焊接型材宽度 Welding Width(Max) | 重量 Weight | 外形尺寸 Outside Dimension |
|---------------------|-------------------|----------------------|------------------------|--------------------------|------------------------------|--------------|---------------------------|
| 380V/220V 50Hz | 4Kw | 0.5~0.8MPa | 200L/min | 20~120mm | 140mm | 2000kg | 5600 × 1850 × 1800 mm |

HJ02-4500.4.4B 塑料门窗单面无缝四位(三位/二位)焊接机(豪华型)

Four-head Welding Machine for Plastic Door & Window

设备特点 Equipment Features

- 专业用于塑料门窗的焊接加工;
- 采用程序控制,气压传动;
- 导轨采用精密直线导轨,增加了设备焊接门窗时对角线尺寸的稳定性和精度;
- 各工艺参数连续可调,可良好满足不同型材焊接工艺需要;
- 实现履带型材、共挤型材等彩色型材“无缝”(0.2mm焊缝)焊接工艺;
- 压钳口带刀,可实现焊缝0.2mm~2mm调整。
- Professional for plastic doors and Windows welding processing;
- Using program control, pneumatic transmission;
- Guide rail adopts precise linear guide rail, which increases the diagonal ruler when welding doors and Windows Inch stability.
- The process parameters can be adjusted continuously to meet the welding needs of different profiles;
- Realize the "seamless" (0.2mm weld) welding technology of color profiles such as mulched profiles and co-extruded profiles;
- The pressure clamp with a knife can adjust the welding seam 0.2mm~2mm.



HJ02-4500.4/4A 塑料门窗四位(三位/二位)焊接机

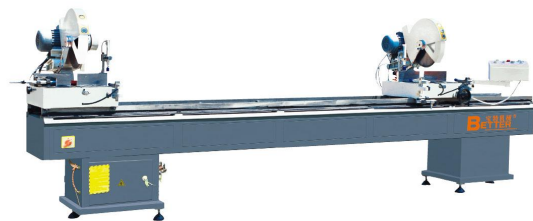
Four Head Welding Machine

设备特点 Equipment Features

- 可编程序控制器 (PLC) 控制焊接动作/程序,可靠性高;
- 各机头可独立工作也可组合联动,组合灵活;
- 各机头均可实现任意角度焊接;
- 各工艺参数连续可调,可良好满足不同型材焊接工艺需要。
- Programmable controller (PLC) control welding action/program, high reliability.
- each head can work independently or combine linkage, flexible combination.
- each head can achieve arbitrary Angle welding.
- the process parameters can be adjusted continuously to meet the welding needs of different profiles.

主要技术参数 Main Technical Parameters

| 型号 Type | 电源 Input Voltage | 功率 Total power | 工作气压 Air Pressure | 耗气量 Air Consumption | 焊接型材高度 Welding Height | 焊接型材宽度 Welding Width(Max) | 重量 Weight | 外形尺寸 Outside Dimension |
|----------------|---------------------|-------------------|----------------------|------------------------|--------------------------|------------------------------|--------------|---------------------------|
| HJ02-4500.4.4B | 220V 50Hz | 4.5Kw | 0.6~0.8MPa | 200L/min | 20~120mm | 0~120mm | 1400kg | 5400 × 1100 × 1700mm |
| HJ02-4500.4/4A | 220V 50Hz | 4.5Kw | 0.6~0.8MPa | 200L/min | 20~120mm | 0~120mm | 1400kg | 5400 × 1100 × 1700mm |



SJ02-3500 塑钢型材双头切割锯
Double Mitre Saw

设备特点 Equipment Features

- 用于铝塑型材45°~90°的切割加工;
- 锯切角度限位可调, 可实现精度补偿;
- 摆动式工进方式, 操作灵活。
- For 45°~90° cutting.
- Cutting limitation adjustable.
- Saw blade swing forwarding, Convenient operation.



LSJ-3500 塑钢型材双角锯床
Double Mitre Saw

设备特点 Equipment Features

- 本机用于铝合金、塑料型材45°~90°的切割加工;
- 该机采用气压传动, 直线上下式工进方式, 进给平稳, 定位精度高;
- 整机具有结构紧凑、系统稳定性好, 操作简单, 生产效率高等特点。
- The machine applies to 45°~90° cutting inside and outside for aluminum alloy and plastic profiled bar.
- It adopts pneumatic drive and straight ling feeding, so it has the characteristics of balanced feeding and exact anchor points.
- The whole machine has firm structure and well rigidity, simple operation and high working efficiency.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Input Voltage | 工作气压 Air Pressure | 主轴旋转速度 Spindle Rotary Speed | 锯切长度 Cutting Length | 锯切宽度 Cutting Width | 锯切高度 Cutting Height | 锯片规格 Blade Specification | 外形尺寸 Outside Dimension |
|------------|----------------------|----------------------|--------------------------------|------------------------|-----------------------|------------------------|-----------------------------|---------------------------|
| SJ02-3500 | 380V 50Hz 2 × 1.1Kw | 0.4~0.6MPa | 2800r/min | 450mm~3500mm | 200mm | 100mm | φ 350mm × φ 30mm | 4000 × 1120 × 1450mm |
| LSJ-3500 | 380V 50Hz 2 × 1.5Kw | 0.4~0.6MPa | 2800r/min | 450mm~3500mm | 100mm | 200mm | φ 400mm × φ 30mm | 4000 × 1120 × 1450mm |

SVJ-65 塑料型材V型切割锯
V-Cutting Saw

设备特点 Equipment Features

- 自动中心定位装置, 方便操作;
- 用于铝塑型材90° V型槽切割加工;
- 气压传动操作简便。
- Pneumatic driving, easy operation.
- For 90° V-shaped groove cutting.
- Smoothly feeding and high cutting precision.

SYJ03-1800 塑料型材玻璃压条锯
Glazing Bead Saw

设备特点 Equipment Features

- 用于玻璃压条45° 切断及压脚的铁剂;
- 可同时切割两根压条, 效率高;
- 设有可调压条撑杆。
- For 45° glass batten cutting.
- One time two pieces of glass batten cutting.
- Adjustable mould lessens the error of angle cutting.

SJV-45 塑料型材中框锯
Mullion Cutting Saw

设备特点 Equipment Features

- 用于塑料门窗中框采用焊接工艺时中框型材V形头的锯切;
- 一次装夹同时完成两个V形头的切割, 锯切精度高, 生产效率高;
- 卧式布置, 运动平稳, 锯切尺寸精度高;
- 切削废料, 只在锯口处产生, 型材利用率高。
- Used for mullion cutting.
- One time two V shape cutting.
- Horizontal structure for high cutting precision.
- Patent technology to prevent collapse during cutting procedure.



主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Input Voltage | 工作气压 Air Pressure | 主轴旋转速度 Speed | 锯切长度 Cutting Length | 锯切宽度 Cutting Width | 锯切高度 Cutting Height | 重量 Weight | 外形尺寸 Outside Dimension |
|------------|----------------------|----------------------|-----------------|------------------------|-----------------------|------------------------|--------------|---------------------------|
| SVJ-65 | 380V 50Hz 2 × 1.1 Kw | 0.4~0.6MPa | 2800r/min | 300~1600mm | 120mm | 20~60mm | 210kg | 1400 × 700 × 1350mm |
| SYJ03-1800 | 380V 50Hz 2 × 0.75Kw | 0.4~0.6MPa | 2800r/min | 320~1800mm | 100mm | 28mm | 210kg | 1400 × 700 × 1350mm |
| SJV-45 | 380V 50Hz 2 × 1.1 Kw | 0.4~0.6MPa | 2800r/min | 300~1600mm | 120mm | 100mm | 210kg | 1700 × 900 × 1400mm |



JQK04-120 塑料门窗数控角缝清理机 Corner Cleaning Machine CNC

设备特点 Equipment Features

- 可完成各种型材焊角外立面、上下平面焊缝、密封胶条槽等清理;
- 可储存多种规格型材的加工程序;
- 实现圆弧差补与斜线差补, 满足各种型材制作高品质门窗的需要;
- 增加监控系统, 更方便编程。
- For profile welding seam cleaning, High processing precision due to size error compensation function.
- Imported servo-drive system, computer control system, and so on, ensured reliable performance and long using life.
- Can store many programs for various profile processing, Imported servo-drive system, high reliability.
- Easy programming with monitoring system.

主要技术参数 Main Technical Parameters

| 电功率 Input Voltage | 耗气量 Air Consumption | 主铣刀转速 Milling Cutter Revolution |
|---------------------------|-------------------------|------------------------------------|
| 220V 50Hz 2Kw | 50L/min | 2800r/min |
| 加工型材高度 Profile Height | 加工型材宽度 Profile Width | 重量 Weight |
| 20~150mm | 20~100mm | 600kg |
| 外形尺寸 Outside Dimension | | |
| 1600 × 880 × 1650mm | | |

SQJ05-120 塑料门窗V型角缝清理机 V Cleaning Machine

设备特点 Equipment Features

- 专门用于塑料门窗中框V型焊接及十字焊接焊缝的清理;
- 正反丝杠对中式调整机构, 调整方便, 对中准确;
- 改进后的浮动夹头更可靠, 可方便进行“十”字中框焊缝清理。
- Special for mullion V-shaped welding and cross welding cleaning.
- Special centering device for easy adjusting.
- Reliable clamping and high processing quality, two hand safety operation.



主要技术参数 Main Technical Parameters

| 型号 Type | 耗气量 Air Consumption | 工作压力 Air Pressure | 加工型材高度 Profile Height | 加工型材宽度 Profile Width | 重量 Weight | 外形尺寸 Outside Dimension |
|------------|------------------------|----------------------|--------------------------|-------------------------|--------------|---------------------------|
| SQJ05-120 | 100L/min | 0.5-0.8MPa | 40-120mm | 40-120mm | 160kg | 930 × 690 × 1300mm |
| SQJ06-120 | 80L/min | 0.5-0.8MPa | 15-120mm | 20-120mm | 300kg | 1050 × 670 × 1370mm |

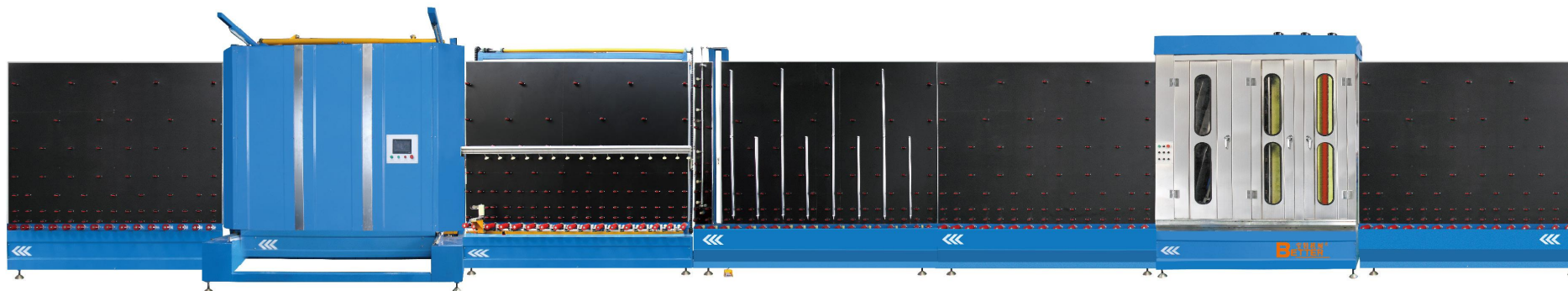
SQJ06-120 塑料门窗平缝清理机 Corner Cleaning Machine

设备特点 Equipment Features

- 适用于塑料门窗矩形框扇上下平面焊缝清理;
- 使用简单方便, 效率高。
- Used for Cleaning the up and down surface welding seam after welded of the PVC profiles into angle .
- Easy operation, high efficiency.



LB2500P/LB2000P/LB1800P 全自动中空玻璃内外合片板压生产线
Automatic Internal and External Pressure Plate Sheet Production Line



设备特点 Equipment Features

- 可自动识别镀膜、LOW-E玻璃的膜层面（可选装）；
- 清洗机采用不锈钢双底板上置传送功能，具备优良的防水性能，安全、卫生，设备使用寿命长；
- 采用全进口品牌低压电器、传感器、PLC等元件，安全可靠，使用寿命长；
- 采用触摸屏人机界面，操作方便，并能自动诊断设备故障，自动化程度高；
- 板压检修功能；
- 干燥段实行双风力循环热风，保证玻璃的吹干效果且降低噪音，风机具有隔音功能。
- Automatic discern the membrane of the coated glass and the low-emission glass, and display.
- Cleaning machine USES stainless steel double floor transfer function, have excellent prevention Water performance, safety, hygiene, equipment, long service life.
- Adopts the world famous brand low-voltage apparatus, sensor and PLC, etc.
- Adopts touch screen human-computer interface, easy to operate, and can self-diagnose the equipment's fault with high degree of automation.
- Plate pressure maintenance function
- Drying section of a double knife wind circulation hot air, to ensure that the glass is blown dry effect and drop low noise, fan has sound insulation function.

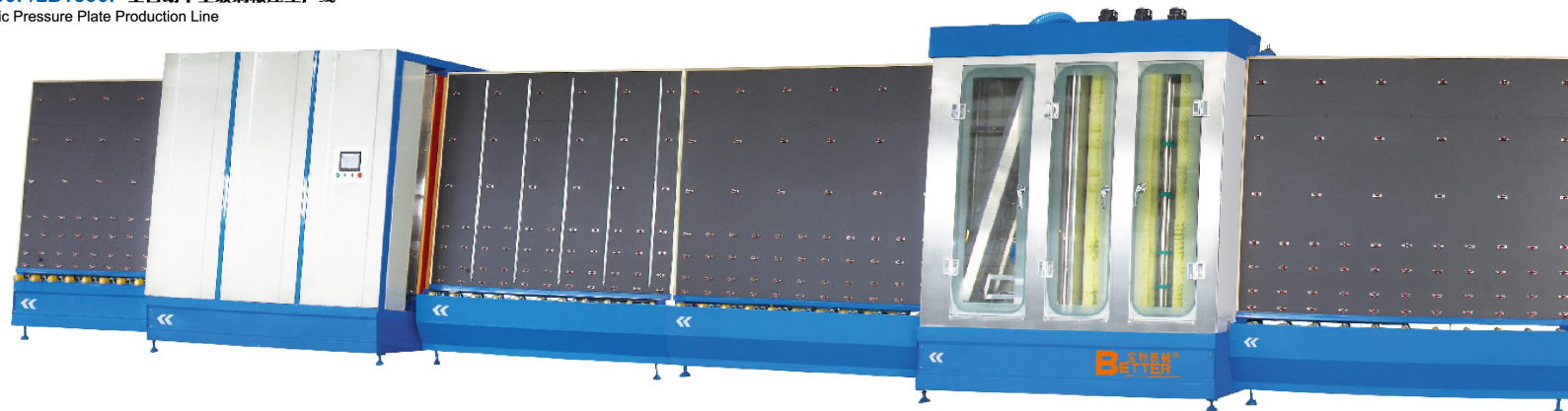


主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric Power | 毛刷 Brush | 加工玻璃最大尺寸 Max. glass dimension | 加工玻璃最小尺寸 Min. glass dimension | 空压机 Air compressor | 清洗玻璃厚度 Rinsing glass thickness | 玻璃传送速度 Conveying speed | 中空玻璃最大厚度 Max. insulating glass | 玻璃清洗速度 Rinsing speed | 外形尺寸 Contour Dimension |
|------------|-----------------------|-------------|----------------------------------|----------------------------------|-------------------------|-----------------------------------|---------------------------|-----------------------------------|-------------------------|---------------------------|
| LB2500P | 380V 50Hz 28kW | 3 pairs | 2500 × 3500mm | 480 × 280mm | 0.8m³/min 0.6-0.8Mpa | 3-30mm | 0-50m/min | ≤80mm | 2-15m/min | 28800 × 2500 × 3450mm |
| LB2000P | 380V 50Hz 28kW | 3 pairs | 2000 × 2500mm | 480 × 280mm | 0.8m³/min 0.6-0.8Mpa | 3-30mm | 0-50m/min | ≤80mm | 2-15m/min | 18500 × 2400 × 2950mm |
| LB1800P | 380V 50Hz 28kW | 3 pairs | 1800 × 2500mm | 480 × 280mm | 0.8m³/min 0.6-0.8Mpa | 3-30mm | 0-50m/min | ≤80mm | 2-15m/min | 18500 × 2400 × 2750mm |

LB1800P/LB1600P 全自动中空玻璃板压生产线

Automatic Pressure Plate Production Line



设备特点 Equipment Features

- 可自动识别镀膜、LOW-E玻璃的膜层面（可选装）；
- 上片时静态放置玻璃，保证安全生产；
- 清洗机采用不锈钢和其它耐腐蚀材料，具备优良的防水性能，安全、卫生，设备使用寿命长；
- 采用国内外知名品牌低压电器、传感器、PLC等元件，安全可靠，使用寿命长；
- 采用触摸屏人机界面，操作方便，并能自动诊断设备故障，自动化程度高；
- 干燥段实行循环热风，保证玻璃的吹干效果且降低噪音。

- Automatic discern the membrane of the coated glass and the low-emission glass, and display.
- Static state put glass when add glass material, ensure safety in production.
- The washing machine adopts stainless steel and other corrosion resistant material, good waterproof, security, hygiene, and long useful life.
- Adopts the world famous brand low-voltage apparatus, sensor and PLC, etc.
- Adopts touch screen human-computer interface, easy to operate, and can self-diagnose the equipment's fault with high degree of automation.
- The dry part use circulation hot wind that ensure the dry effect for glass and reduce the noise.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric Power | 毛刷 Brush | 加工玻璃最大尺寸 Max. glass dimension | 加工玻璃最小尺寸 Min. glass dimension | 空压机 Air compressor | 清洗玻璃厚度 Rinsing glass thickness | 玻璃传送速度 Conveying speed | 中空玻璃最大厚度 Max. insulating glass | 玻璃清洗速度 Rinsing speed | 外形尺寸 Contour Dimension |
|------------|-----------------------|-------------|----------------------------------|----------------------------------|-----------------------|-----------------------------------|---------------------------|-----------------------------------|-------------------------|---------------------------|
| LB1800P | 380V 50Hz 16Kw | 3 pairs | 1800 × 2500mm | 480 × 280mm | 0.8m³/min 0.6-0.8Mpa | 3-30mm | 0-50m/min | ≤80mm | 2-15m/min | 15000 × 2500 × 2750mm |
| LB1600P | 380V 50Hz 16Kw | 3 pairs | 1600 × 2000mm | 480 × 280mm | 0.8m³/min 0.6-0.8Mpa | 3-25mm | 0-50m/min | ≤80mm | 3-15m/min | 13000 × 2000 × 2700mm |

ZDJ-2000/ZDJ-2500 全自动涂胶机
Insulating Glass Automatic Glue Spreader



设备特点 Equipment Features

- 可使用一套供胶系统，也可使用两套供胶系统切换使用或两种胶切换使用(选配)；
- 第三段可预存玻璃，有效的提高了生产效率；
- 采用全进口品牌低压电器、气动元件、导轨丝杆、传感器、PLC等元件，安全可靠，使用寿命长；
- 整机自动化高，效率高，适合玻璃深加工企业使用；
- 界面简洁，采用简化思维设计的界面使广大的客户操作极为方便；
- 玻璃切边整齐合片无错位的情况下涂胶，玻璃边部饱满无气线，角部充实，四边表面平整无需修角；
- 上片会平带传送玻璃上料方便，涂胶台立式同步带夹持传送玻璃使玻璃传送平稳定位精确，且能保证玻璃边缘干净；
- 所有零件高标准，保证了设备长期稳定的使用。
- Can use a glue supply system, also can use two sets of glue supply system, the system can be switched or two rubber switch.
- The third section can be stored in glass and effectively improve the production efficiency.
- Adopt imported brand low-voltage electrical, pneumatic components, guide screw, sensors, PLC and other components, safe and reliable, long life;
- The high automation, high efficiency, suitable for glass deep processing enterprises.
- The man-machine interface is friendly, simple, using simplified thinking design interface to use the majority of customers is very convenient to operate.
- Glass cutting edges and piece no misalignment conditions glue, glass edge full no gas lines, corner filling, with smooth surface without corner.
- The upper piece flat belt conveying the glass is convenient to feeding, gluing vertical synchronous belt transmission to make the glass clamping glass transfer smoothly of accurate positioning, and can ensure that the edges of the glass clean.
- All parts of high standard, ensure the long-term and stable use of equipment.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Power | 最大玻璃尺寸 Max. glass size | 最小玻璃尺寸 Min. glass size | 玻璃厚度 Glass Thickness | 玻璃底距地面 Glass from the ground | 供胶压力 Pressure | 打胶速度 Coating speed | 最大玻璃重量 Max.Glass Weight | 外形尺寸 Contour Dimension |
|------------|--------------|---------------------------|---------------------------|-------------------------|---------------------------------|------------------------|-----------------------|----------------------------|---------------------------|
| ZDJ-2500 | 13kW | 2500 × 3000mm | 300 × 400mm | 12-45mm | 46-56m | <350kg/cm ² | 5-40m/min | 400kg | 10800 × 4000 × 3300mm |
| ZDJ-2000 | 13kW | 2000 × 2500mm | 300 × 400mm | 12-45mm | 46-56m | <350kg/cm ² | 5-40m/min | 360kg | 8500 × 4000 × 2700mm |

BETTER 宝特机械® 中空玻璃设备
Hollow Glass Machine



JT02 丁基胶涂布机
Butyl Extruder Machine

设备特点 Equipment Features

- 机架采用钢板折弯，合面整洁，外形美观；
- 先进气液增压系统，压力均匀稳定；
- 胶缸设有胶料用完报警系统；
- 24小时定时开机，节省预热时间；
- 无级调速功能。
- Frame adopts steel plate bending, mesa clean, beautiful appearance;
- Advanced imported air and hydraulic pressure system with the even stability of pressure.
- The butyl jar warning system will work when glue material is used up.
- Resume by alarm in 24 hours, saving the time of preheat.
- Stepless speed regulation function.

JT03 丁基胶涂布机
Butyl Extruder Machine

设备特点 Equipment Features

- 触摸屏人机界面，PLC控制系统；
- 数字化控制出胶，停胶时间，无胶时自动显示功能；
- 液压采用德国气液转换双向增压技术；
- 传送速度四档可调。
- Touch screen man-machine interface, PLC control system.
- Digital control rubber, stop the glue time, No glue automatic display function.
- Hydraulic pressure using pneumatic-hydraulic change driving system with German technology.
- Transmission speed four adjustable.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric power | 气压 Air pressure | 传送速度 Transfer speed | 打胶温度 Temperature | 胶嘴距离 Butyl mouth distance | 外形尺寸 Contour dimension |
|------------|-----------------------|--------------------|------------------------|---------------------|------------------------------|---------------------------|
| JT02 | 380V 50Hz 2kW | 0.4-0.7Mpa | 2-45m/min | 110-160℃ | 4-27mm | 3000 × 700 × 1050mm |
| JT03 | 380V 50Hz 2kW | 0.4-0.7Mpa | 2-45m/min | 110-160℃ | 4-27mm | 3000 × 700 × 1050mm |

BX1600 卧式清洗干燥机
Horizontal Washing-Drying Machine

设备特点 Equipment Features

- 可实现手动调整(可选装变频调速)；
- 清洗厚度可在3-12cm内进行调节，方便清洗不同厚度的玻璃；
- 采用2对毛刷，充分保证玻璃清洗效果；
- 可选装大功率风机，效率更高。
- Adopts the imported frequency device, can realize the frequency conversion velocity modulation.
- The washing thickness can be adjust in 3-12cm scope, it is facilitater for washing glass with different thickness.
- Adopt 2 pairs of brushes, fully guarantees the glass washing effect.
- Optional high-power fans, more efficient.

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ST03 双组份打胶机
Double Group Sealant Extruder

设备特点 Equipment Features

- 整机采用全气动系统平稳驱动；
- 全封闭固化剂胶路系统，避免固化剂与空气接触而固化；
- 双组份配比结构无级调整，满足准确的配比要求；
- 采用国际流行的静态往复式混合器，混合更均匀。
- The machine adopts full pneumatic system smooth drive.
- Totally-enclosed firming agent glue-way system, preventing firming agent from meeting air.
- The double group matched device can be adjusted electrodelessly and meet accurate matching requirement.
- Adopt international popular static reciprocating-type mixer to mix more evenly.

主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric Power | 清洗速度 Max.washing Speed | 最大玻璃尺寸 Max.Glass Size | 混合比 Mixed Rate | 最小玻璃尺寸 Min.Glass Size | 原片玻璃厚度 Glass Thickness | 加工玻璃厚度 Glass Thickness | A组份胶罐 规格 Bucket size | 运行速度 Work Speed | B组份胶罐 规格 Bucket size | 总重量 Weight | 外形尺寸 Contour Dimension |
|------------|-----------------------|---------------------------|--------------------------|-------------------|--------------------------|---------------------------|---------------------------|-------------------------|--------------------|-------------------------|---------------|---------------------------|
| BX1600 | 380V 50Hz 9Kw | 5-8m/min | 1600 | / | 300 x 400mm | 3-12mm | 3-45mm | / | 2-13m/min | / | 400kg | 2500 × 2000 × 1100mm |
| ST03 | 380V 50Hz 1.5Kw | / | / | 7:1-13:1 | / | / | / | 570mm | / | 280/295mm | 580kg | 1160 × 1040 × 2000mm |

DJJ-CNC-01 门窗自动打胶机(双工位标准版)
DJJ-CNC-01A 门窗自动打胶机(双工位加大版)
Automatic door and window gluing machine



主要技术参数 Main Technical Parameters

| 型号 Type | 气压 Air Pressure | 功率 Electric Power | 最大加工尺寸(边框) Max. processing size | 最小加工尺寸(边框) Min. processing size | 窗扇厚度 Window sash thickness | 边框与玻璃高低差 Border and glass height difference | 玻璃与边框间隙 Glass and border clearance | 正常打胶速度 Normal glue speed | 外形尺寸 Contour dimension |
|-------------|--------------------|----------------------|------------------------------------|------------------------------------|-------------------------------|--|---------------------------------------|-----------------------------|---------------------------|
| DJJ-CNC-01 | 0.6~0.8Mpa | 2kw 220v 50Hz | 2600 × 1400mm | 300 × 300 | <150mm | 2mm± s50mm | s4mm 且边框高度相同 | 7米/分钟 | 3800 × 2100 × 1800mm |
| DJJ-CNC-01A | 0.6~0.8Mpa | 2kw 220v 50Hz | 3200 × 1850mm | 300 × 300 | <150mm | 2mm± s50mm | s4mm 且边框高度相同 | 7米/分钟 | 4300 × 2600 × 1800mm |

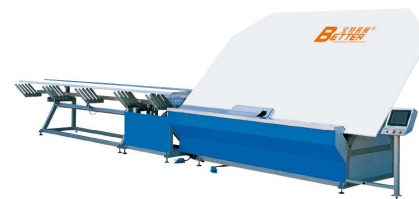
设备特点 Equipment Features

- 适合门窗、幕墙、广告牌和太阳能光伏板等产品的大规模生产密封防水，降低打胶劳动强度，节省人力，提高生产效率。
 - 一键打胶，无需专业的培训，无需找打胶师傅，直接上手操作。
 - 无需测量门窗尺寸，自动感应边框同时打胶完成。
 - 节省原材料相对人工打胶用智能打胶机省胶30%—45%之间。
 - 操作程序由自主开发制作，永久免费使用，不锁机。
 - 本机适用各种品牌胶型，程序可根据胶调整，无加密。
 - 关键零部件采用特殊材料，标准化生产，精度高，延长设备使用寿命。
 - 工作台面采用胶辊传动，减少摩擦，保护窗框，便于规模化生产和安装。
 - 操作界面采用触摸屏，操作简洁方便。
- It is suitable for large-scale production sealing and waterproofing of doors, windows, curtain walls, billboards and solar photovoltaic panels, reducing the labor intensity of rubbering, saving manpower and improving production efficiency.
 - One-click glue, no professional training, no need to find a glue master, directly get started.
 - It is not necessary to measure the size of the door and window, and the automatic sensing frame is glued at the same time.
 - Save raw materials compared to manual rubberizing with smart glue machine between 30% and 45%.
 - The operating program is developed by itself and is free to use forever.
 - This machine is suitable for all kinds of brand glue type, the program can be adjusted according to glue, no encryption.
 - The key components are made of special materials, standardized production, high precision and long equipment life.
 - The work surface is driven by rubber roller to reduce friction and protect the window frame, which is convenient for large-scale production and installation.
 - The operation interface adopts touch screen, which is simple and convenient to operate.

LWJ01 铝条全自动折弯机
Automatic Bar Bending Machine

设备特点 Equipment Features

- PLC控制系统，设备操作简单方便；
- 数控伺服电机送料系统，数控折弯角度控制系统；
- 自动刀头，6mm以上铝框无需换刀；
- 折弯和切割时自动避让铝条之间连接处、圆弧处，折弯后自动；
- 可以折三角、矩形、正五方形、正六边形、圆弧等形状。
- PLC control, touch human-machine interface, simple operation.
- Feeding system adopts CNC servo motor, bending angle uses CNC control.
- Auto-cutter, it doesn't need changing cutter (more than 6 mm).
- Bending and cutting automatically avoid the connection, the roundness, automatically cut after bending.
- It can make triangle, rectangle, positive five squareness positive hexagon, roundness and so on.



主要技术参数 Main Technical Parameters

| 型号 Type | 电功率 Electric power | 气压 Air Pressure | 分子筛直径 Diameter | 铝条规格 Spacer Width | 灌装速度 Filling Speed | 送料最高速度 Air Pressure | 最小灌装尺寸 Min. Filling Speed | 最大灌装尺寸 Max. Filling Speed | 加工铝框尺寸 Aluminum Frame Dimension | 外形尺寸 Outside Dimension |
|------------|-----------------------|--------------------|-------------------|----------------------|-----------------------|------------------------|------------------------------|------------------------------|------------------------------------|---------------------------|
| LWJ01 | 380V 50Hz 4Kw | 0.6-0.8Mpa | / | 5.5-27mm | / | 120m/min | / | / | Min-250 × 250mmMax-2000 × 2000mm | 10000 × 2200 × 2600mm |
| FG01 | 220V 50Hz 0.5kW | 0.5-0.8Mpa | ≤0.5mm | 5.5-27mm | 5-6个/个 | / | 250 × 250mm | 2000 × 2000mm | / | 1000 × 800 × 3000mm |

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FG01 分子筛灌装机
Molecular Sieve Filling Machine

设备特点 Equipment Features

- 采用PLC控制；
- 可灌装自动折弯成形的铝框和普通插角铝框；
- 灌装高度可以根据铝框大小调节。
- 自动补充料和自动封堵分子筛孔功能。
- 灌装速度预先设定功能
- PLC control system.
- Both bended and corner-connected spacers are available.
- Adjustable filling height according to the spacer size.
- Automatic feeding material and pulping the drilled hole.
- Preset function for the filling speed.



BETTER 宝特机械® 中空玻璃设备
Hollow Glass Machine

XPJ-500 玻璃吸吊机
Glass Suction Crane



LT01 铝条折弯机
Aluminum Bending Machine



HZT02 回转涂胶台
Rotating Table



LS01 铝框输送机
Frame Conveyors



BMB01 玻璃磨边机
Belt Edging Machine



LQJ01 铝条切割机
Spacer Bar Cutting Machine



ZC01 中空玻璃充气机
Insulating Glass Aerator

