



济南华信铝塑门窗设备有限公司
Jinan Huxin Alu-PVC Door & Window Equipment Co., Ltd.

INTELLIGENT EQUIPMENT FOR WINDOWS

智造门窗 · 尽享其能

BMHX[®]
— 华信数控 —

INTELLIGENT PROCESSING EQUIPMENT
for door window curtain wall

门窗幕墙智能加工设备专业解决方案



高新技术企业



优质高效



合作共赢



专业服务



全球共享



BRIEF INTRODUCTION 关于华信

济南华信铝塑门窗设备有限公司是专业生产铝塑门窗、幕墙、中空玻璃加工设备的高新技术企业，具有丰富的生产、研发、销售、服务经验，一体化的产品、一体化的销售、一体化的服务，使您全无后顾之忧。

公司实行人性化、科学化管理、所有产品实现了国家标准及行业要求，并获得多项实用新型国家专利。华信始终追求产品性能与产品价格的平衡点，高质量的产品使您能以合适的价格拥有。

公司通过专业、完善的设计，结合实际操作经验，不断创新、探索，引领行业走向专业化、精品化、规模化发展之路。创建之初，即建立了全面的质量管理规范、对生产制造、零配件采购、加工等流程实施全面、严格的品质监控，使华信具有始终如一的精良品质。公司始终瞄准科技创新前沿，密切结合国内环境特点和市场模式研制开发适合用户的产品，产品集科技化与个性化于一体，既体现外在的品质，又保证了内在质量。

公司以“质量是企业的生命线”的经营理念，竭诚成为用户的最佳合作伙伴而努力。公司免费向用户提供设备安装调试、技术培训、指导等全方位的售后服务，客户的成功是我们事业的成功，客户的发展即是我们事业的发展！

公司以领先行业的装备、先进的工艺技术、科学的管理、畅通的销售渠道、可靠的信誉、完美的品质、竭诚为中外用户服务、同时欢迎各界朋友来公司参观、指导、洽谈、合作！

Jinan Huaxin Alu-PVC Door & Window Equipment Co.,Ltd., specializing in the production of doors and Windows, curtain wall, hollow glass processing equipment. With rich experience in production, research and development, sales, service, integration of product, the integration of the integration of sales, service, make you no trouble back at home.

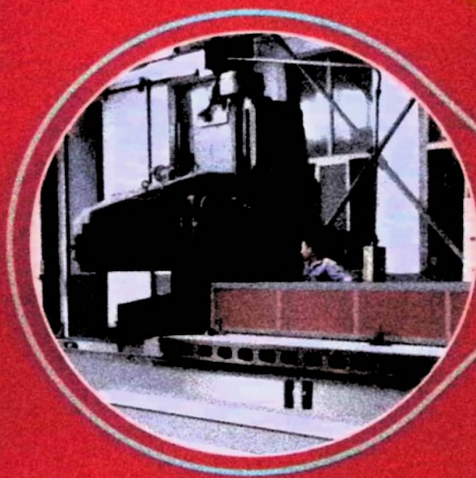
The humanization, scientific management, all products of the company to implement the national standards and industry requirements, and has obtained the national patent for utility model. Huaxin balance is always the pursuit of product performance and product prices, high quality products that you can at the right price.

Company through professional, perfect design, combined with practical experience, constant innovation, exploration, leading the industry take the path of specialization, quality, scale development. Created at the beginning of, namely the establishment of a comprehensive quality management standard, to manufacturing, spare parts procurement, processing process, such as the implementation of a comprehensive, strict quality monitoring, make huaxin has consistently superior quality. Company has always been aiming at frontier science and technology innovation, combined with domestic environmental characteristics and the market model research and development of new products suitable for the user product integrating science and technology and personalized, both the external embodiment of the quality, and ensure the inner quality.

Company to "quality is the lifeline of enterprise" the management idea, wholeheartedly become the best partner of the user. Companies to provide customers with free installation and debugging, technical training, guidance, such as a full range of after-sales service, customer's success is the success of our cause, the development of customer is the development of our cause!

专业智造 · 行业一

Professional manu
machining, sta





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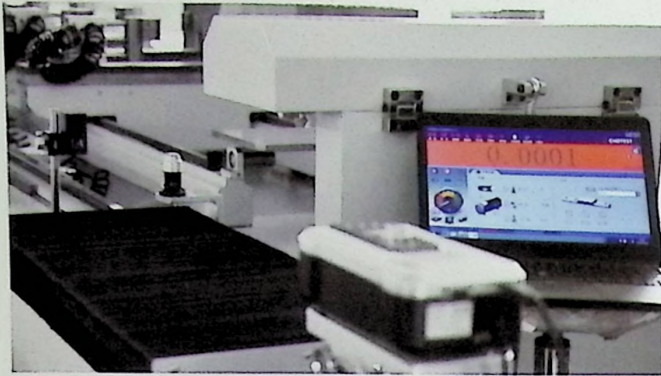
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专业智造 · 行业一流的机加工 · 标准化生产

Professional manufacturing, industry first-class
machining, standardized production





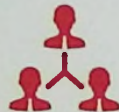
HUAXIN ADVANTAGE 华信优势

QUALITY CHANGES THE WORLD

Committed to creating intelligent processing equipment

品质改变世界 · 致力打造加工设备智能化

技术优势 Technical advantage



由行业资深人士研发制造，实现自主创新，掌握核心技术，确保在行业的技术领先，组建以客户为中心的技术团队管理体系。

It is developed and manufactured by senior professionals in the industry to realize independent innovation, master core technologies, ensure technological leadership in the industry, and set up a customer-centered technology team management system.

制造优势 Manufacturing advantage



我们拥有行业领先的装配工艺及服务行业多年的制造经验，产品质量优于行业标准，为用户提供优质的设备及专业的解决方案。

We have many years of manufacturing experience in the industry-leading assembly technology and service industry. The quality of our products is superior to the industry standard, providing users with high-quality equipment and professional solutions.

机加工优势 Machining advantage



我们秉承机械行业的先进加工理念，采用行业领先的数字化、精细化的精密机加工设备，确保了华信产品得以实现“灵巧设计、精密制造”。

Adhering to the advanced processing concept of the machinery industry, we have adopted industry-leading digital and refined precision machining equipment to ensure that Our products can be "smart designed and precision manufactured".

品质优势 Quality advantage



公司建立标准化制造工艺及成品检验制度，以高于行业标准制造和检验每一台设备，出厂前三道检验流程，确保产品出厂合格。

Standardize manufacturing process and finished product inspection system to manufacture and inspect each equipment higher than the industry standard, and carry out three inspection procedures before leaving the factory to ensure the products pass the factory.

品牌联盟 · 聚力大师品牌 · 制造中国品质

Brand Alliance, Use world famous brand,
Manufacturing Chinese Quality

华信对产品质量的保证，不仅体现在严谨的制造环节，更体现在全球供应商的筛选上，我们坚持采用国际一流品牌的零配件，并且每一件零配件入库，都有专业的零配件质检人员进行严格质检，从根本上保证产品质量。

We guarantee the quality of product, not only reflected in the rigorous manufacturing, but also on the global supplier of screening, we insist on adopting the international first-class brand spare parts, and each piece of spare parts warehouse, there are professional spare parts quality inspection personnel for strict quality control, fundamentally ensure the quality of products.



铝门窗自动化生产流水线

Automatic Processing Line for System doors and windows

可根据用户需求专属定制

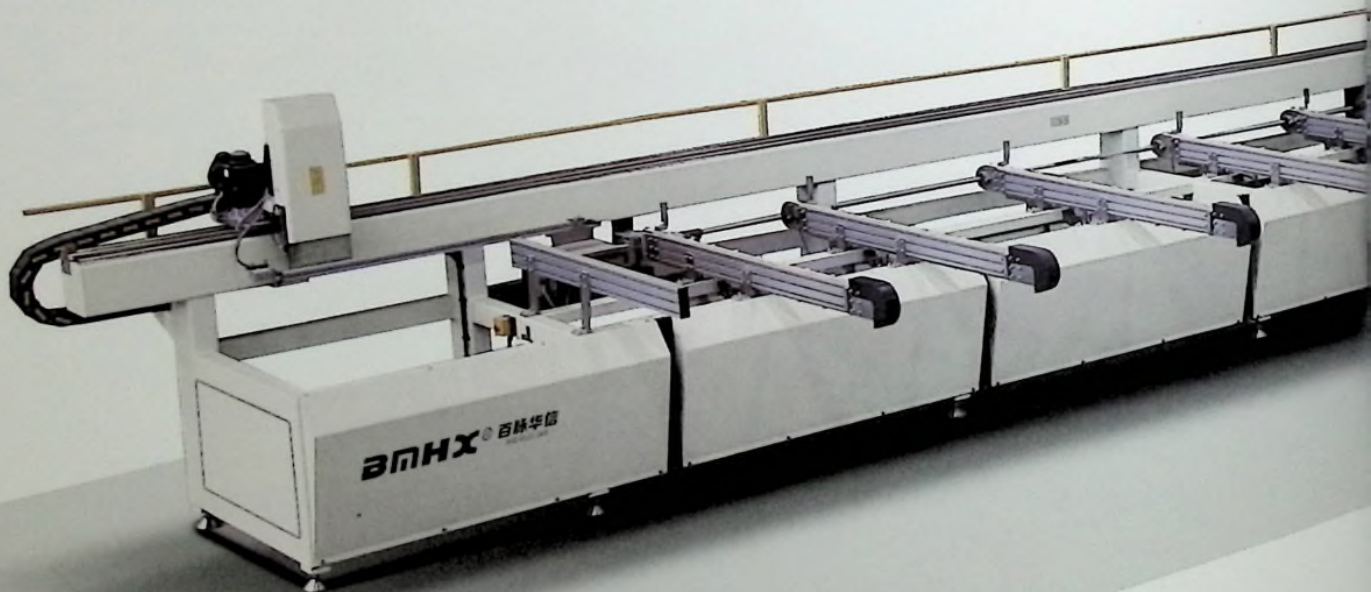
适用于铝门窗前端的型材自动化加工，实现了从型材上线到切割，两端的台阶面和榫口加工，各种孔槽的铣削加工，标签打印、智能分拣等工序全程智能化生产，做到了加工型材全程不落地自动流转和数字化精准管控。

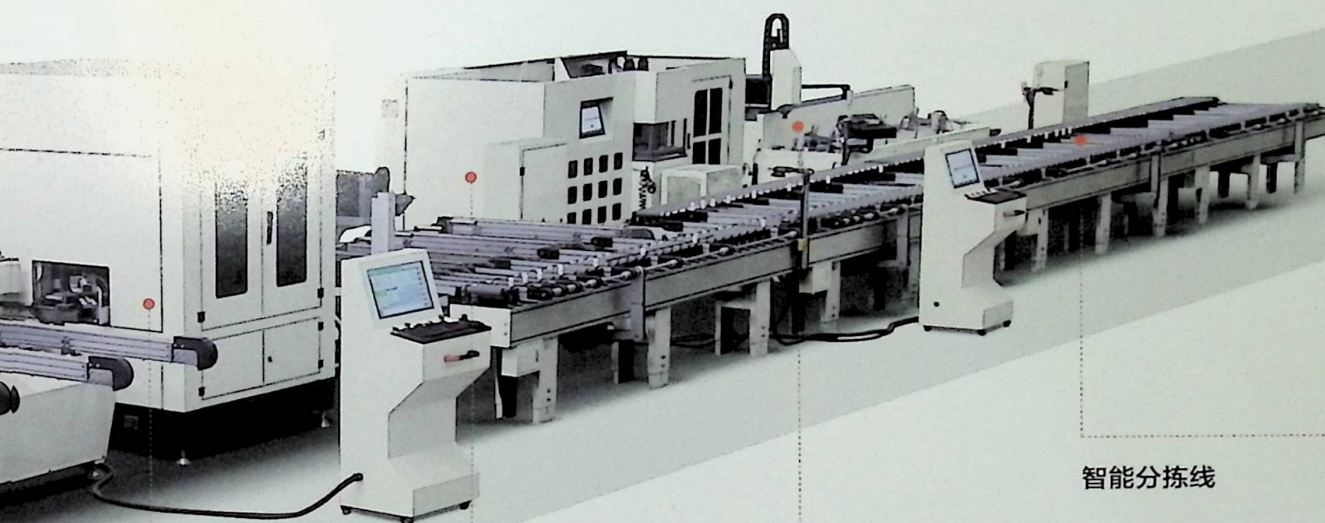
可无缝衔接生产管理系统，实现了前端设计、数据处理优化、生产信息管理，让您能缩短生产时间、减少生产损耗、降低生产成本、提高生产效率，并且能随时对生产现场零距离掌控，让您的生产管理提前进入智能化时代。

该生产线根据用户需求可选配机器人上下料，实现无人化智能加工。

加工内容

- 锯切中心：±45° 或 90° 切割。
 - 端铣中心：两端的台阶面和榫口加工。
 - 钻铣中心：各种孔槽的铣削加工。
 - 智能分拣：自动扫码并分拣到下道工序加工区。
- Sawing center: ±45° or 90° cutting.
 - End milling center: processing the step surface and tenon at both ends.
 - Drilling and milling center: milling all kinds of holes and grooves.
 - Intelligent sorting: automatic code scanning and sorting to the processing area of the next working procedure.





数控锯切加工中心

可选配
数控集成加工中心
数控集成精密切割锯

五轴数控端面铣床

可选配
双头数控七轴端面铣床
三轴数控端面铣床

高速数控钻铣床

可选配
数控四轴钻铣加工中心
数控三轴钻铣加工中心

智能分拣线

铝型材数控集成加工中心

CNC Integrated Processing Center

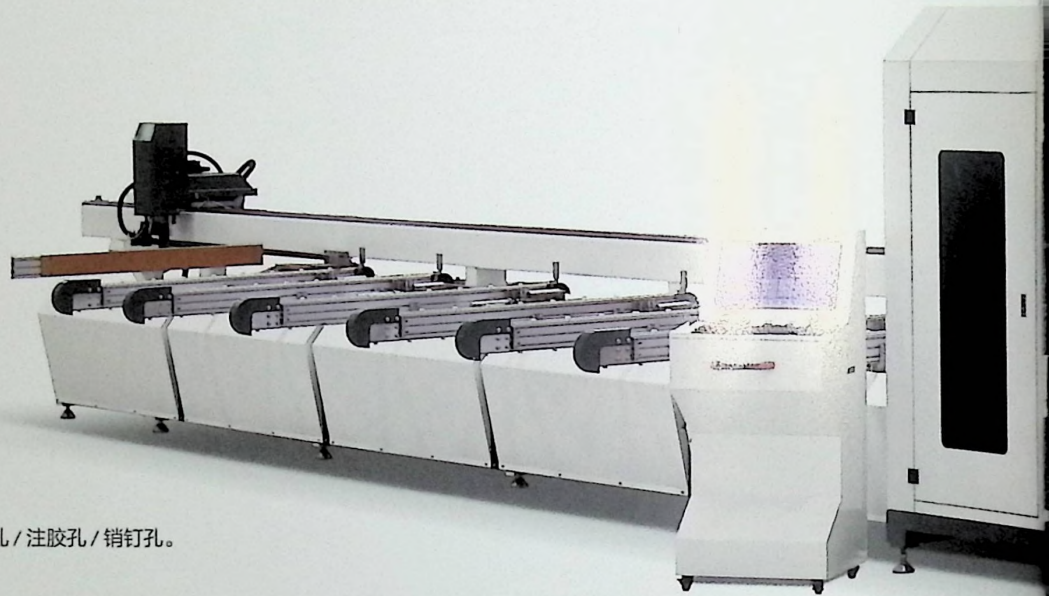
JCZX-CNC-500 × 6000

集成式一体化加工，一台设备全搞定

切割·钻铣·激光·智联

框·扇·中梃全程智能加工

零周转·零分拣·单人操作

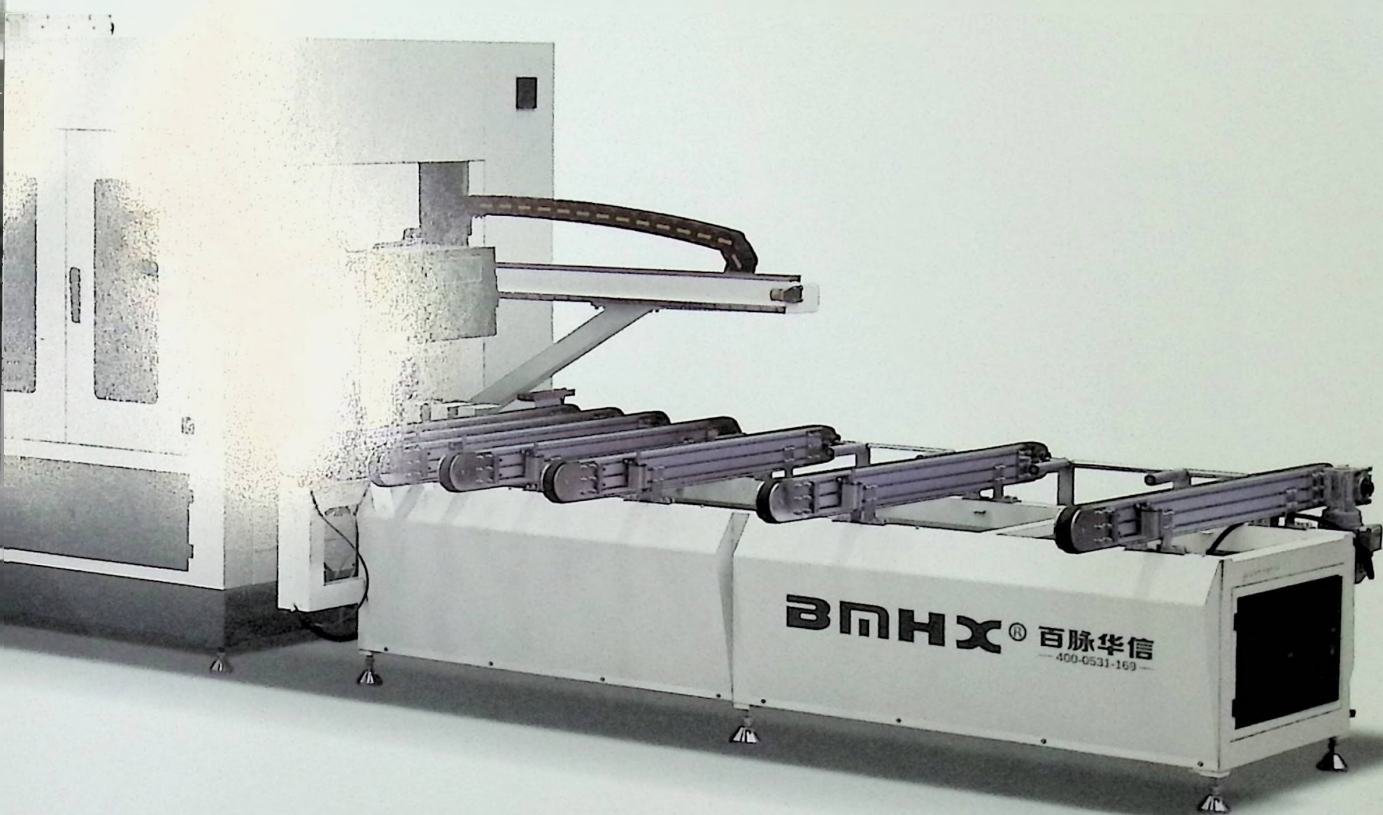
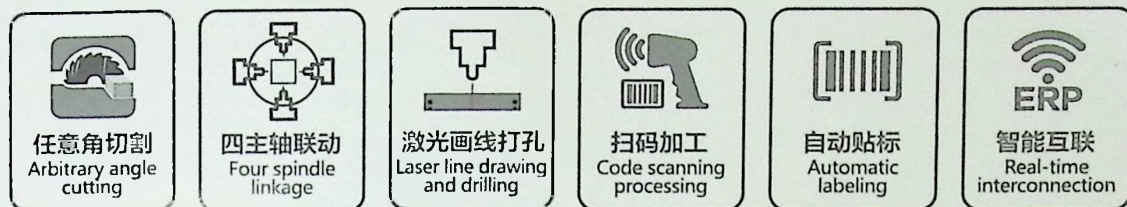


加工内容

- ±45°、90° 混合切割。
- 执手孔 / 锁盒槽 / 角码孔。
- 安装孔 / 隐排水孔 / 地漏槽孔 / 注胶孔 / 销钉孔。
- 传动杆槽口。
- 激光打孔和画线。
- 护角切割。
- 45°、90° mixed cutting.
- Handle hole/lock box slot/corner code hole.
- Various installation holes and drainage holes.
- Transmission rod notch.
- Laser drilling and line drawing.
- Corner guard cutting.

JCZX-CNC-500×6000

电源	Power supply	380V/50Hz
总功率	Total motor power	30kW
工作气压	Working air pressure	0.6~0.8MPa
锯切电机功率	Cutting motor power	3 × 3.0kW
钻铣主轴电机功率	Power of drilling and milling spindle motor	2 × 3.0kW
激光头功率	Laser head power	1.5kW+2.0kW
电机转速	Motor speed	2800r/min
锯片规格	Saw blade specification	Φ550 × Φ30 × 4.4mm Z=120
铣削切割型材高度	Milling cutting profile height	30~120mm
铣削切割型材宽度	Milling cutting profile width	30~120mm
下料长度	Blanking length	350~6000mm
切割角度	Cutting angle	±45° 90°
角度误差	Angle error	±5'
锯切长度精度	Precision of sawing length	±0.2mm
重复定位误差	Repeated positioning error	±0.05mm
外形尺寸	Overall dimension	20000 × 4000 × 2500mm



- 自动上料工作台可连续自动夹持型材进行切割加工。
- 移动部分均采用高精度直线导轨副，运行平稳，保证加工精度。
- 机械手运动采用进口高精度齿轮齿条，保证送料精度。
- 钻铣部分配备双主轴加双激光，可对四面进行钻铣，对三面（前、后、上）进行激光打孔和画线
- 进口电机直联锯片，切割平稳，加工精度高。新代控制系统，保证设备运行稳定可靠。
- 连续完成型材 $\pm 45^\circ$ 或 90° 切割，加工效率更高。
- 外壳全封闭设计，保证操作人员安全。
- 可选配条码打印机，组建 E-Work 数字化工厂系统。

- The automatic feeding table can continuously and automatically clamp profiles for cutting.
- The moving parts all adopt high-precision linear guide pairs, which run smoothly and ensure the machining accuracy.
- The manipulator adopts imported high-precision gear rack to ensure the feeding accuracy.
- The drilling and milling part is equipped with double spindles and double lasers, which can drill and mill four sides and laser drill and draw lines on three sides (front, back and top).
- Imported motor directly connected saw blade has smooth cutting and high machining accuracy. The new generation control system ensures the stable and reliable operation of the equipment.
- The profile can be continuously cut at $\pm 45^\circ$ or 90° , and the processing efficiency is higher.
- The enclosure is fully enclosed to ensure the safety of operators.
- Bar code printer can be selected to set up E-Work digital factory system.

高速四轴数控加工中心

CNC High-speed 4-axis Processing Center

GS4Z-CNC-7000

适用各种铝门窗及幕墙型材的安装孔、流水槽、锁孔、异形孔、端铣及攻丝等加工工序。

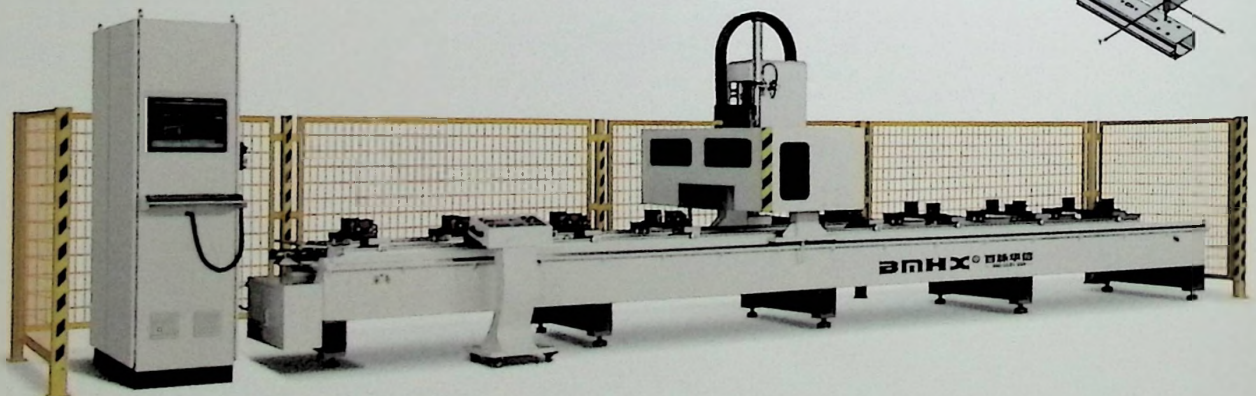
This machine is designed for processing launder, tapping, milling, and mounting hole, locking hole and other slots for diversified curtain walls and aluminum doors and windows.



高速三轴数控加工中心

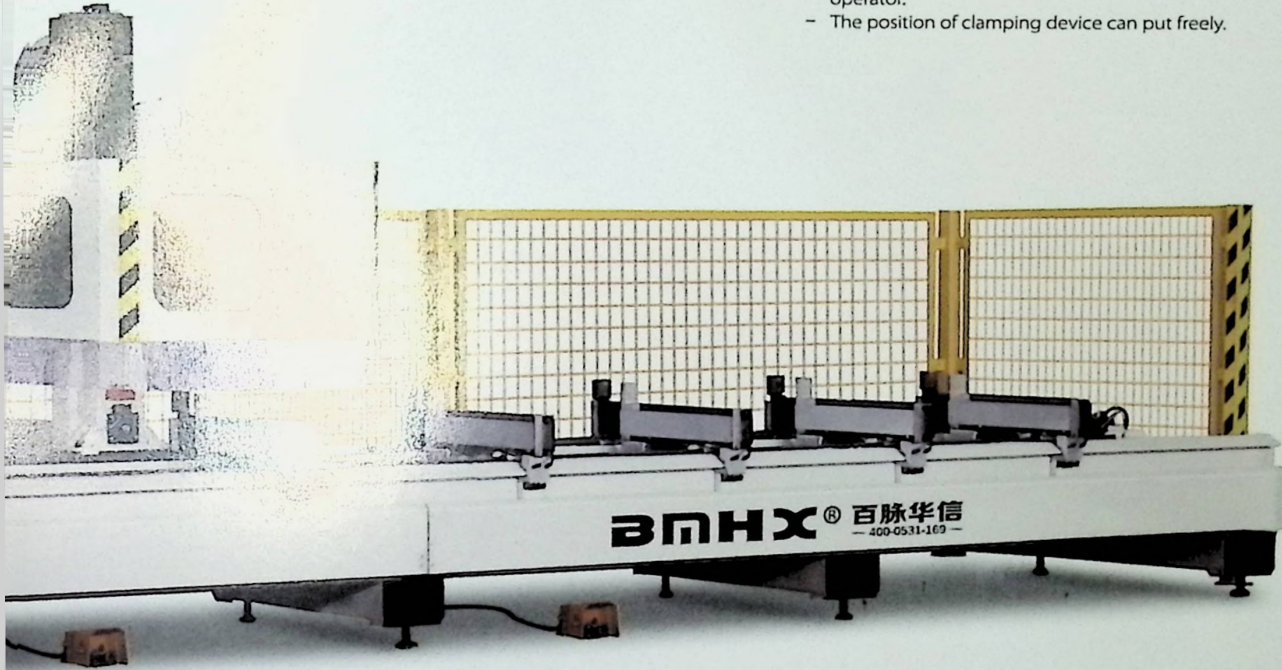
CNC High-speed 3-axis Processing Center

GS3Z-CNC-7000



- 采用意大利进口高速电主轴，能完成 $\pm 90^\circ$ 内任意角度的加工，具有极高的工作效率。
- 采用高品质的工业专用计算机控制系统，具有良好的用户操作界面、图形编程及加工跟踪界面，真正实现所见即所得。
- 采用高品质的进口伺服电机、滚珠丝杠、直线导轨副及轴承等机构以确保设备具有较高的加工精度。
- 带有 12 工位刀具库，自动换刀（使用直径 $\Phi 80\sim 150$ 铣刀时，相邻两个刀位为空）。
- 设有半封闭的防护罩，安全性得到极大的提高。
- 夹具位置可自动调整（需软件支持）。

- It adopts high-speed electric principal axis, which is imported from Italy. It is extremely efficient and can swing in $\pm 90^\circ$.
- It adopts high-quality computer control system, which is used in industry area specially. The system has favorable user manipulate interface program in graphics mode and processing interface. This processing interface can show related dates directly.
- It adopts high-quality servo-motor, roller linear guide pair to insure the machine runs with high precision.
- The cutter storage supply 12 cutter positions, the cutter can change quickly and automatically.
- With half-close safeguard device to insure the personal safety of the operator.
- The position of clamping device can put freely.



纵向行程 (X 轴)	X-axis travel
横向行程 (Y 轴)	Y-axis travel
垂直行程 (Z 轴)	Z-axis travel
X 轴运行速度	X-axis speed
Y 轴运行速度	Y-axis speed
Z 轴运行速度	Z-axis speed
主轴转速 / 功率	Main shaft rev/power
主轴回转范围	Gyrating range
刀具最大安装长度	Cutter max length
锯片刀直径	Saw blade diameter
气源	Air pressure
电源	Power supply
装机总功率	Total power
夹具工位	Cutter number
润滑、冷却	Lubricating & cooling
加工尺寸范围 (宽 × 高 × 长)	Work area(W × H × L)
外形尺寸	Overall dimension

GS4Z-CNC-7000

7000mm
1400mm
320mm
0~100m/min
0~30m/min
0~20m/min
0~18000rpm/7.5kW
90° ~ 0° ~ +90°
110mm
Φ80~Φ150mm
0.5~0.8MPa
380V/50Hz
13kW
8
Auto lubricate 自动润滑和喷雾冷却
650 × 200 × 7000mm
8000 × 2350 × 2550mm

GS3Z-CNC-7000

7000mm
800mm
320mm
0~100m/min
0~24m/min
0~16m/min
0~18000rpm/7.5kW
/
110mm
/
0.5~0.6MPa
380V/50Hz
12kW
8
Auto lubricate 自动润滑和喷雾冷却
500 × 250 × 7000mm
8000 × 2350 × 2550mm

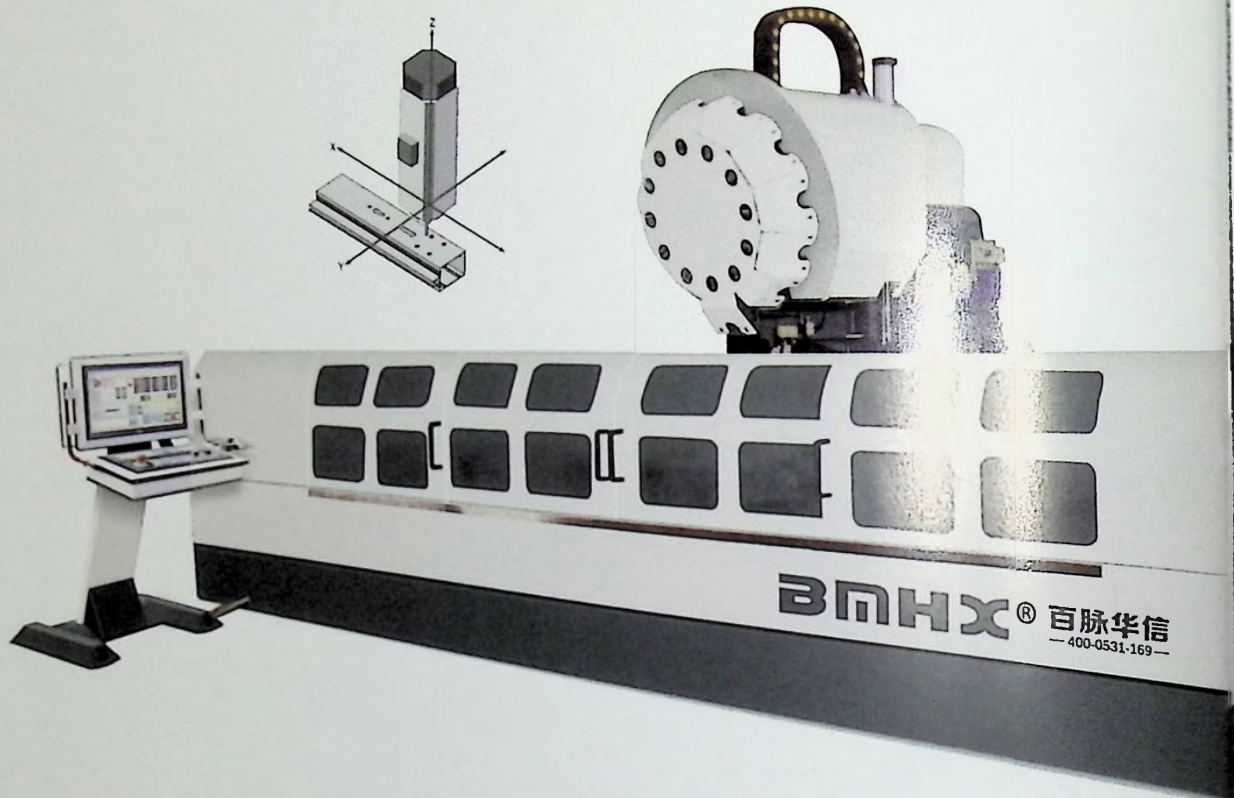
复合数控加工中心

CNC Complex Processing Center

FHL-CNC-4500

适用于各种钢、铝、铜、PVC 型材及板材等多种零件的数控加工，可实现工件一次装夹自动完成铣削、钻孔，攻丝等多工序加工。

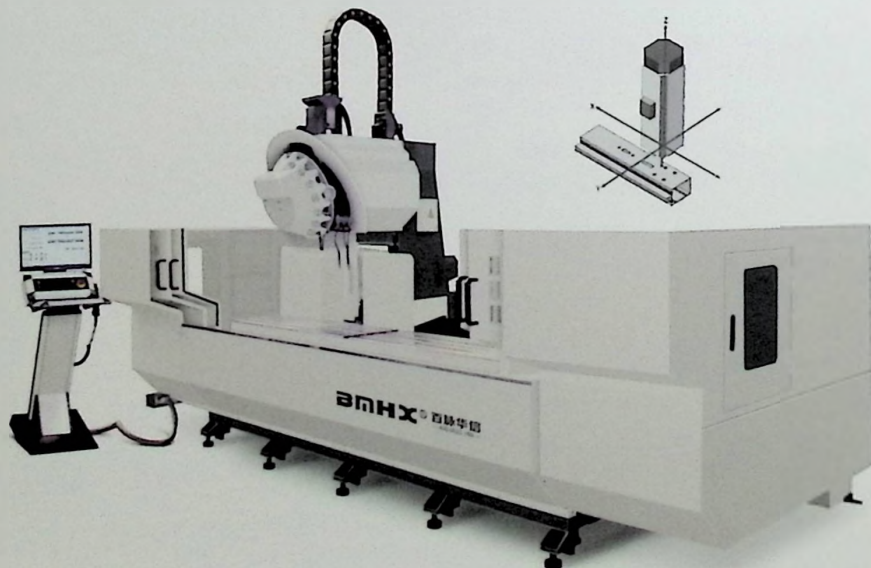
Used for all kinds of CNC drilling and milling profiles and plates in aluminum, steel, copper, PVC, and plates, which realizes that a clamping can finish multi-operation processing of milling, drilling and tapping.



复合数控加工中心

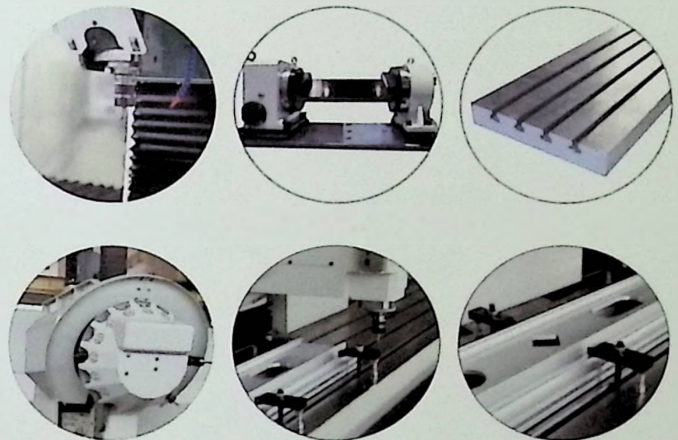
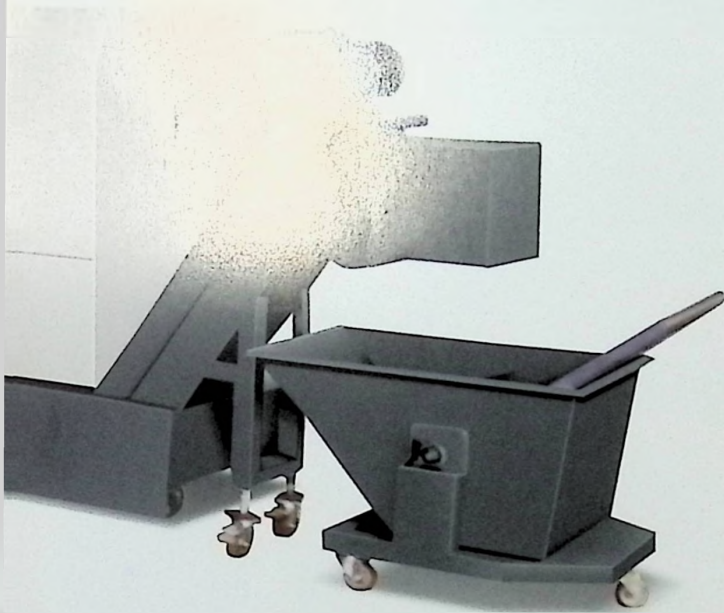
CNC Complex Processing Center

BZD-CNC-1500



- 该系列床身均采用高强度的铸铁材料，树脂砂工艺，两次时效处理消除应力。
- 适应于各种长的钢、铸铁金属的中型加工，各种铝、铜、PVC、工业型材等多种零件的加工。可实现工件一次装夹自动完成铣削，钻孔，攻丝等多工序加工。
- 采用高品质的进口伺服电机、滚珠丝杠、直线导轨副及轴承等机构以确保设备具有较高的加工精度。高稳定性，可靠性，进给移动经预拉伸保证加工精度的稳定。
- 主轴采用 BT30 主轴。
- 转塔式自动换刀快速换刀，相邻刀对刀时间 2 秒。
- 采用定量定时的方式实现集中自动进给润滑方式确保了机床精度的稳定。
- 加装机床防护罩、自动排屑机，保证了操作者安全度与环境卫生。
- 采用 T 型槽床身，可配专用夹具。可选配第四轴。
- 采用进口干涉仪进行精度检测，补偿机床的精度。
- 加工精度符合 ISO 标准，可量身定制。

- This series of lathe bed adopt high strength cast iron material, resin sand process, two aging treatment to eliminate stress.
- It adapts to medium-sized processing of all kinds of long steel, cast iron metal, and various parts processing of all kinds of aluminum, copper, PVC, industrial profiles, which can make workpiece finish work of milling, drilling, tapping automatically with one clamping.
- It adopts high quality imported servo motor, ball screw, linear guide rail pair and bearing to ensure that the equipment has high machining accuracy, high stability, reliability. Feed movement by pre-stretching guarantee the stability of the machining accuracy.
- BT30 spindle.
- Turret automatic tool change ensures fast tool change, 2 seconds for adjacent tool to tool.
- It ensures the stability of the machine accuracy by quantitative timed centralized automatic feed lubrication.
- It is equipped with machine tool protective cover and automatic chip removal machine, ensuring the operator safety and environmental hygiene.
- Using casting T workbench. Special fixture can be customized. Optional fourth axis.
- It adopts imported rennie salt interferometer detection to compensate the accuracy of machine tools.



FHL-CNC-4500

BZD-CNC-1500

X 轴行程	X-axis travel	4500mm	1500mm
Y 轴行程	Y-axis travel	450mm	300mm
Z 轴行程	Z-axis travel	400mm	280mm
主轴最高转速	Main axis rev	12000r/min	12000r/min
主轴功率	Main axis power	5.5kW	5.5kW
主轴锥孔	Spindle taper	BT30	BT30
主轴至工作台距离	The distance from main axis to worktable	350mm (刀长 100mm)	350mm (刀长 100mm)
刀库形式	Tool magazine type	Turret 转塔式	Turret 转塔式
刀库容量	Tool magazine capacity	12	16
润滑系统	Lubrication system	Auto lubricate 自动润滑	Auto lubricate 自动润滑
X 轴移动速度	X-axis speed	0-60m/min	0-60m/min
Y/Z 轴移动速度	X/Y-axis speed	0-30m/min	0-30m/min
X 轴定位精度	X-axis locating length	±0.05mm	±0.05mm
Y/Z 轴定位精度	X/Y-axis locating length	±0.02mm	±0.02mm
重复定位精度	Repeat locating length	±0.01mm	±0.01mm
电源	Power supply	380V/50Hz	380V/50Hz
工作气压	Working air pressure	0.5-0.8MPa	0.5-0.8MPa

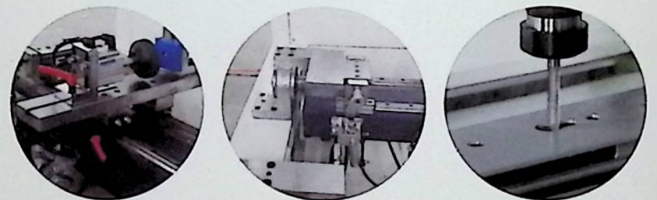
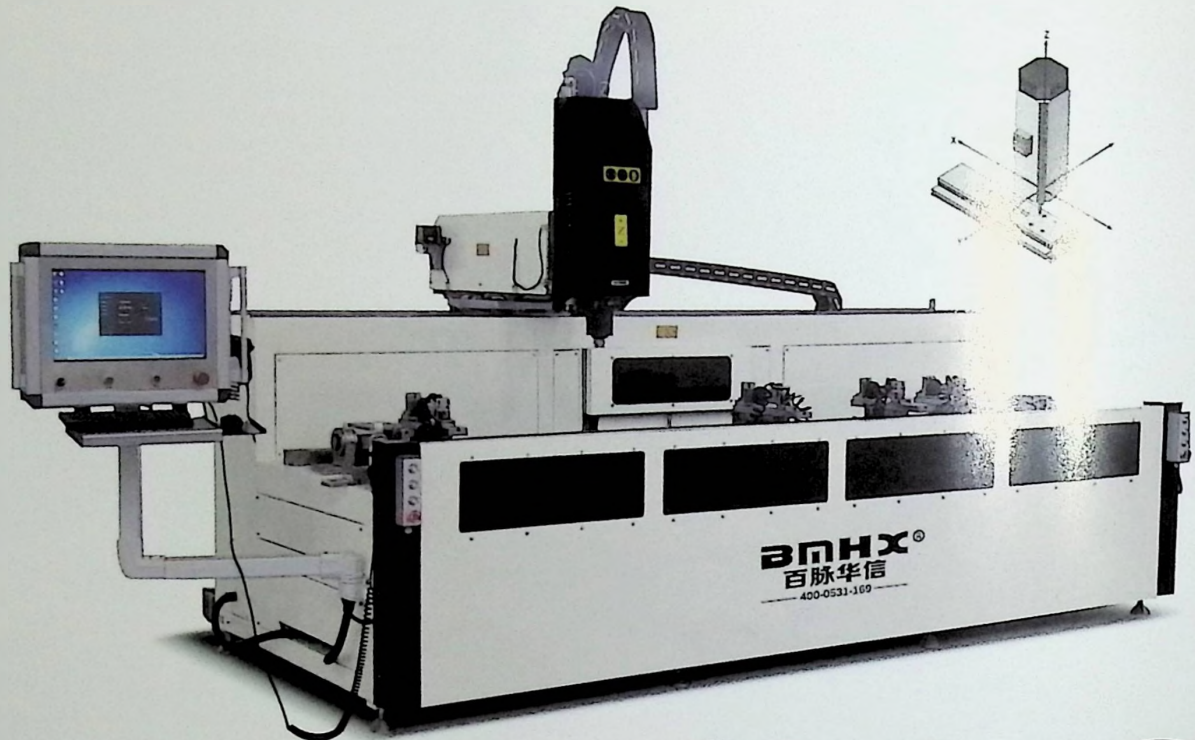
高速数控钻铣加工中心

High-speed CNC Drilling & Milling Machining Center

ZX3Z-CNC-3000

适用于铝型材的圆孔、槽孔、锁孔、异型孔等以及铝型材的铣削、倒角、平面雕刻等工序的加工。

Used for processing round holes, 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.



- 适应于铝型材的各类型孔、槽的铣削加工、尤其适合多个面的加工。
- 采用大族智能的数控系统和简洁直观的人机界面使操作方便快捷。
- 配备多工位刀库。
- 采用可换刀高速电主轴，转动稳定噪音小，切削能力强，根据不同加工要求，自动更换相应刀具。
- 采用高精度直线导轨副、滚珠丝杠、齿轮齿条、保证运行平稳，具有较高的定位及加工精度。
- 夹具可根据加工型材长度和加工位置自动避让主轴，防止碰撞。
- 可旋转工作台采用伺服旋转能够在任意位置转换，实现一次夹装可完成多个面的铣削加工。

- It is suitable for milling all kinds of holes and grooves of aluminum profiles, especially for machining multiple surfaces.
- The use of intelligent numerical control system and simple and intuitive man-machine interface makes the operation convenient and fast.
- Equipped with multi-station tool magazine.
- The tool-changeable high-speed motorized spindle is adopted, which has low noise and strong cutting ability. According to different processing requirements, the corresponding tools are automatically replaced.
- Adopt high-precision linear guide pair, ball screw, gear rack to ensure smooth operation and high positioning and processing progress.
- The fixture can automatically avoid the spindle according to the length and processing position of the processed profile to prevent collision.
- The rotatable table can be converted at any position by servo rotation, and milling of multiple surfaces can be completed by one clamping.

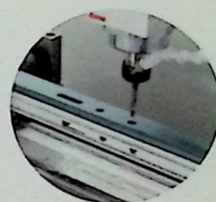
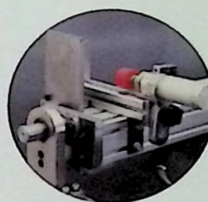
ZX3Z-CNC-600/800

可定制

ZX3Z-CNC-1200 高速数控钻铣床

ZX3Z-CNC-2000 高速数控钻铣床

也可定制双主轴机型



ZX3Z-CNC-3000

ZX3Z-CNC-600

ZX3Z-CNC-800

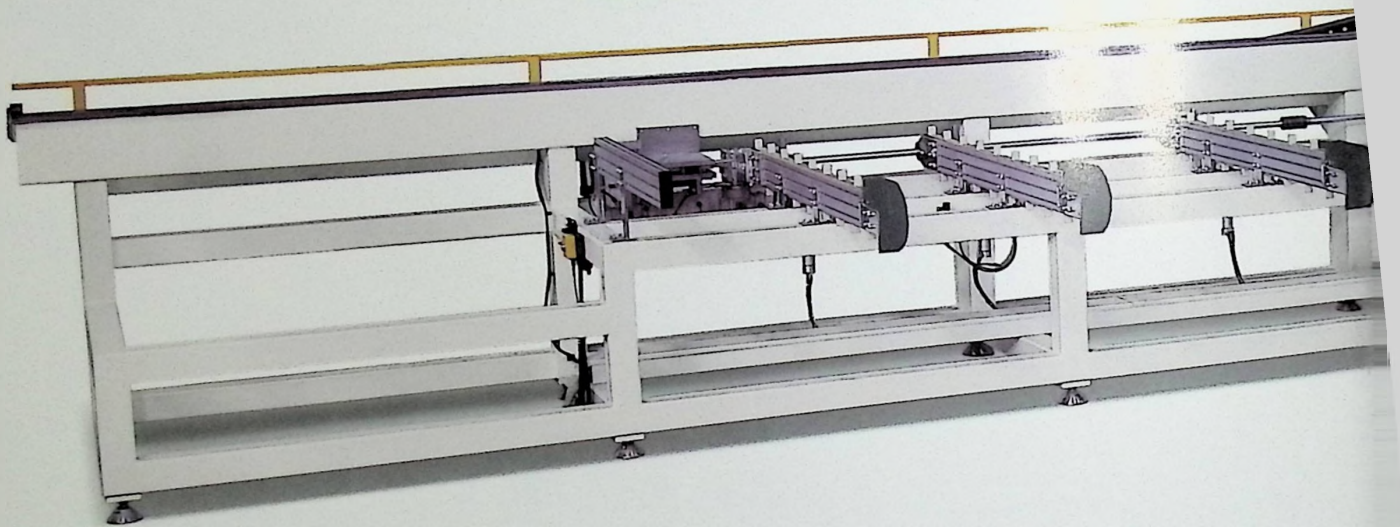
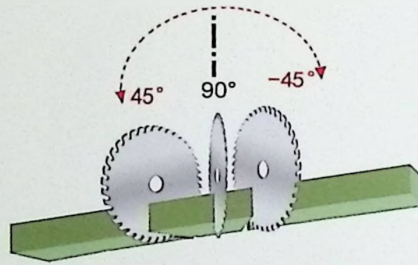
X轴行程	X-axis travel	3000mm	600mm	800mm
Y轴行程	Y-axis travel	515mm	330mm	330mm
Z轴行程	Z-axis travel	410mm	340mm	340mm
主轴最高转速	Main axis rev	24000r/min	18000r/min	18000r/min
主轴功率	Main axis power	9.5kW	3.5kW	3.5kW
X轴移动速度	X-axis speed	0~40m/min	0~30m/min	0~30m/min
Y轴移动速度	Y-axis speed	0~30m/min	0~20m/min	0~20m/min
Z轴移动速度	Z-axis speed	0~30m/min	0~20m/min	0~20m/min
X轴定位精度	X-axis locating accuracy	±0.1mm	±0.1mm	±0.1mm
Y轴定位精度	Y-axis locating accuracy	±0.1mm	±0.1mm	±0.1mm
Z轴定位精度	Z-axis locating accuracy	±0.1mm	±0.1mm	±0.1mm
重复定位精度	Repeat locating precision	±0.02mm	±0.02mm	±0.02mm
加工面粗糙度	Roughness	Ra 6.3 um	Ra 6.3 um	Ra 6.3 um
电源	Power supply	380V/50Hz	380V/50Hz	380V/50Hz
总功率	Total power of machine	15kW	5.0kW	5.0kW
工作气压	Working air pressure	0.5~0.8MPa	0.5~0.8MPa	0.5~0.8MPa
外形尺寸	Overall dimension	4300 × 2300 × 2300mm	1200 × 1500 × 1900mm	1400 × 1500 × 1900mm

铝型材数控锯切加工中心
CNC Cutting Center for Aluminum Profile

JQZX-CNC-500 × 6000

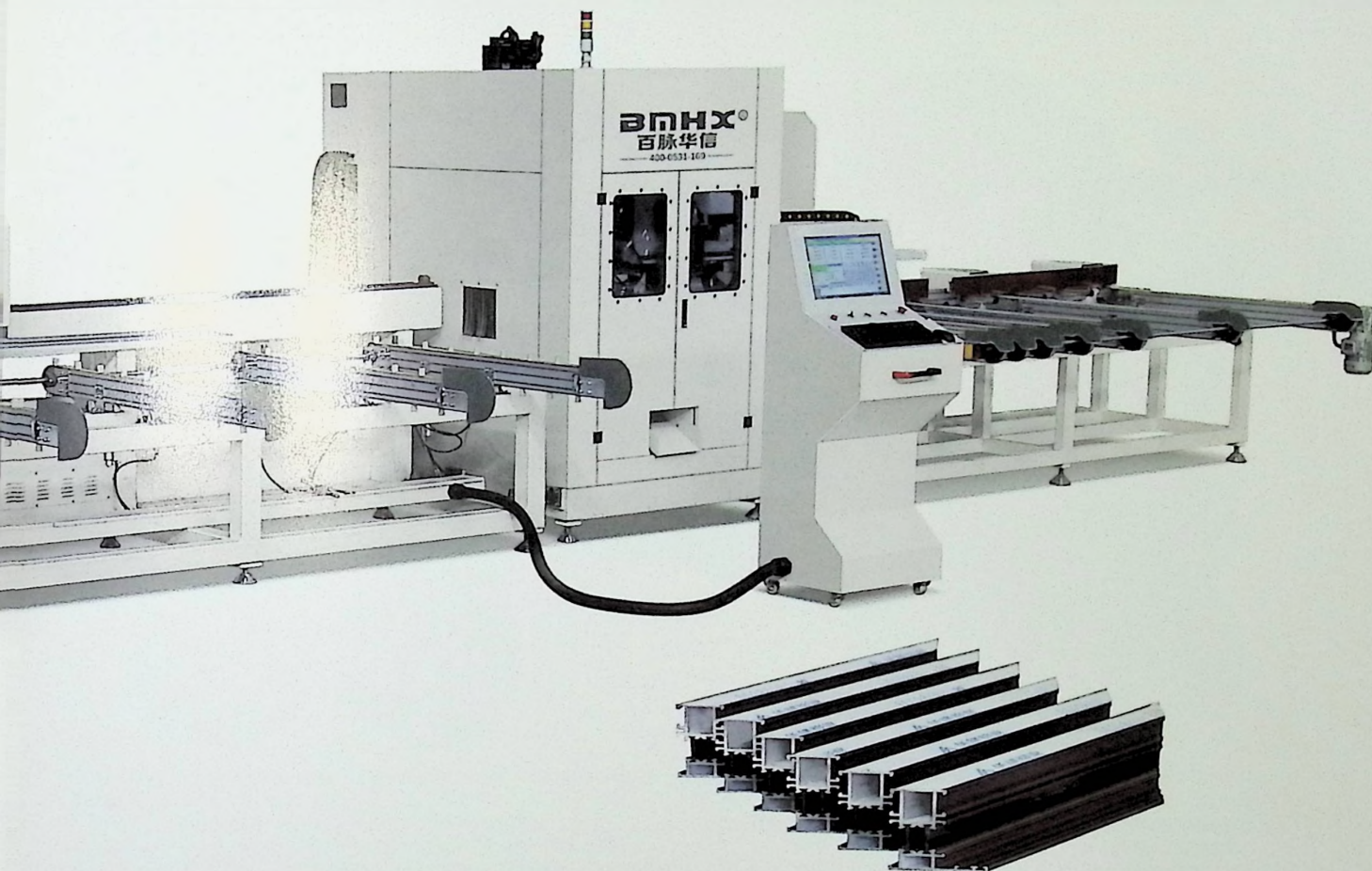
适用于铝型材的高效锯切加工，可连续加工 8 根型材，完成 $\pm 45^\circ$ 或 90° 切割，减少上料时间，自动上料、自动切割、自动出料，切割过程平稳，保证切割精度。

This machine for high-efficiency sawing of aluminum door and window profiles. It can continuously process 8 profiles, Complete $\pm 45^\circ$ or 90° cutting, reducing feeding time, feeding, cutting and discharging automatically. The cutting process is stable and ensures cutting accuracy.



- 自动上料工作台可连续自动夹持型材进行切割加工。
- 移动部分均采用高精度直线导轨副，运行平稳，保证加工精度。
- 机械手运动采用进口高精度齿轮齿条，保证送料精度。
- 进口电机直联锯片，切割平稳，加工精度高。
- 伺服控制锯切运动，效率更高，切割效果更好。
- 西门子控制系统，保证设备运行稳定可靠。
- 型材连续完成 $\pm 45^\circ$ 或 90° 切割，加工效率更高。
- 外壳全封闭设计，保证操作人员安全。
- 可选条码码打印机，组建 E-Work 数字化工厂系统。

- Worktable auto feeding and clamping continuous.
- High precision linear guide-way.
- Mechanical arm, high precision gear and rack make feeding accuracy.
- Blade connected directly with imported motor. Cut smooth and steady and high precision.
- Cutting motion is servo controlled. Cutting efficiency and quality are much better.
- Siemens control system makes machine working steady and reliable.
- $\pm 45^\circ$ or 90° cutting is finished continuous and efficiency.
- Totally closed design, Operator protect.
- Option: bar code printer for E-works.

**JQZX-CNC-500×6000**

锯切电机	Cutting motor power	3 × 3.0kW
上料电机	Feeding motor power	0.75kW
传送出料电机	Discharge motor power	0.75kW
电机转速	Motor rotary speed	2800r/min
输入电压	Input power	380V/50Hz
工作气压	Working air pressure	0.5~0.8MPa
锯片规格	Blade specification	Φ500 × Φ30 × 4.4mm Z=120
切割型材高度	Cutting length	30~120mm
切割型材宽度	Cutting width	30~120mm
下料长度	Cutting length	350~6000 mm
切割角度	Cutting angle	±45° 90°
角度误差	Cutting angle accuracy	±5'
锯切长度精度	Length accuracy	±0.2mm
重复定位误差	Repeat locating length precision	±0.05mm
外形尺寸	Overall dimension	13600 × 3000 × 2200mm

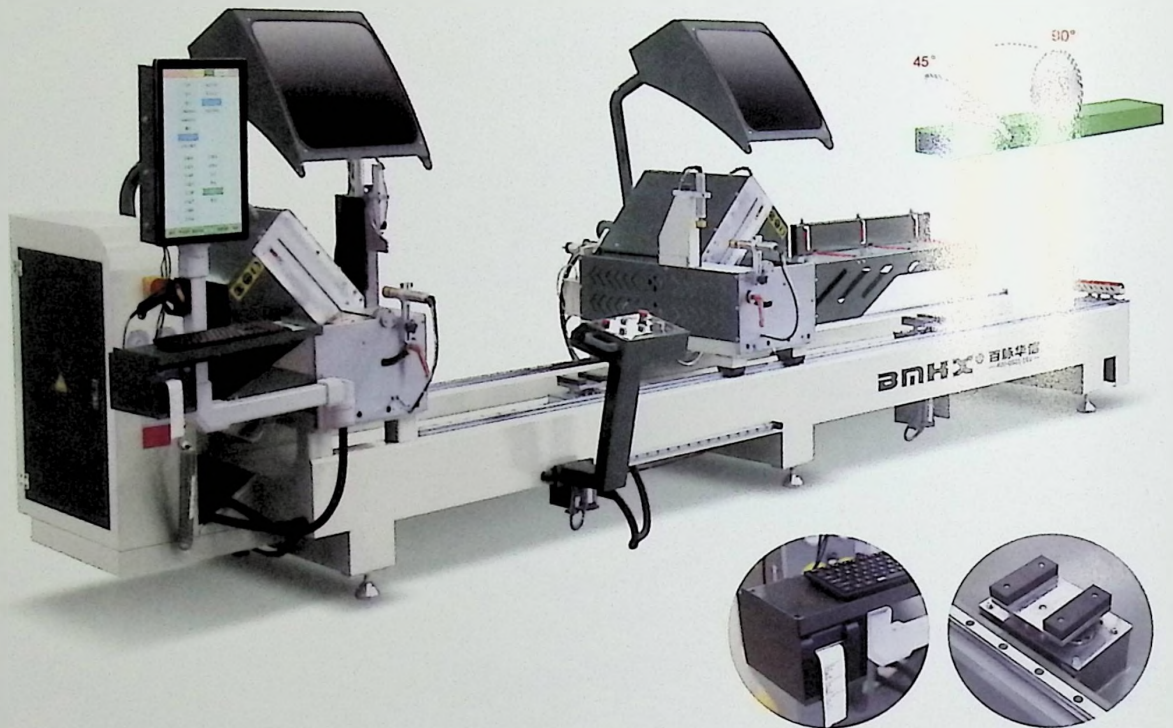
铝型材数控集成精密切割锯

Integrated CNC Double-head Precision Cutting Saw

LJZ2J-CNC-170 × 550

适用于铝型材 45°、90° 的切割加工，采用集成数控系统，可与门窗优化软件对接，扫码导入、无线传输、U 盘导入多种方式对接导入切割方案。

Used for cutting aluminum profiles at 45° and 90°. It adopts an integrated numerical control system, which can be connected with the optimization software of doors and windows, and the cutting scheme can be connected by scanning code import, wireless transmission and USB flash drive import.



- 该机采用工业控制系统，可轻松对接门窗优化软件，操作简单，智能化程度高。
- 傻瓜式操作，无需熟练工，彻底解决工厂招工困难的烦恼，且能有效提高生产效率及工件品质。
- 配备标签打印功能、扫码功能。
- 进给系统采用进口直线导轨副，精度高，运行稳定。
- 伺服电机传动，保证定尺行走精度
- 两机头配有上压紧装置，可根据料型单独调整压力大小，确保切割的准确性。
- 尾部带自动托料架，根据机头位置自动升降托料架。

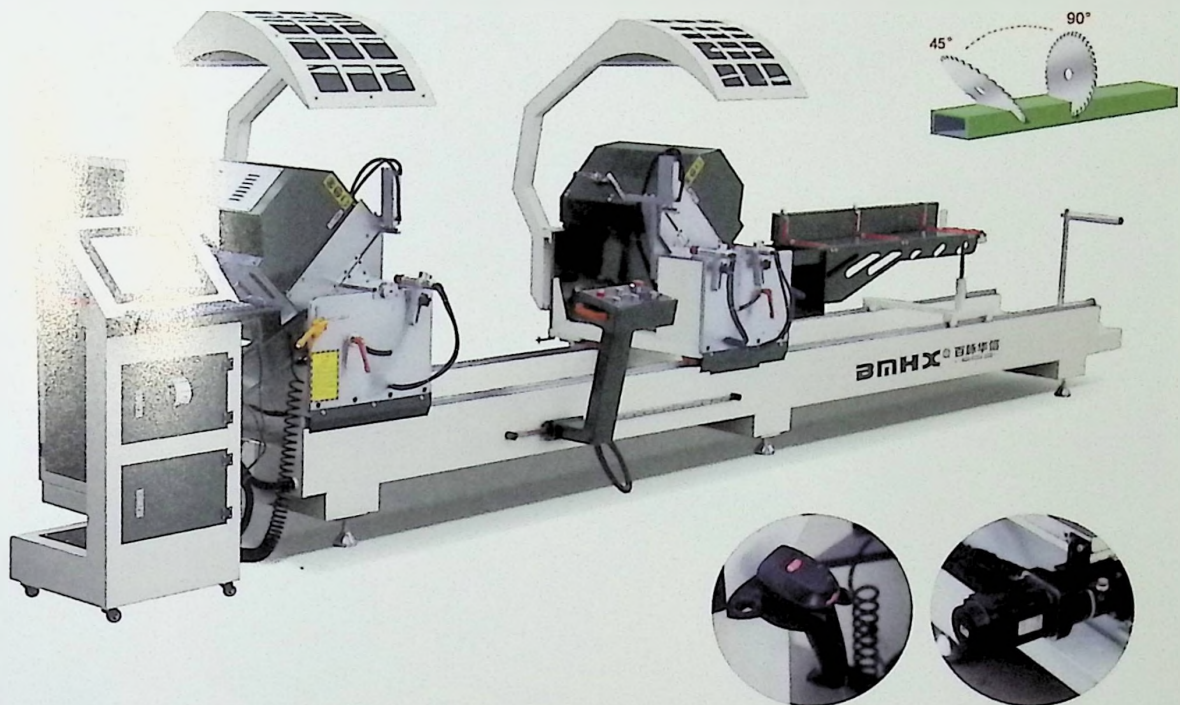
- Foolish operation, no need for skilled workers, completely solve the trouble of difficult recruitment in factories, and can effectively improve production efficiency and workpiece quality.
- Equipped with label printing function and code scanning function.
- Servo motor drive ensures the accuracy of fixed-length walking.
- The two dies are equipped with upper pressing devices, which can independently adjust the pressure according to the material type to ensure the accuracy of cutting.
- The tail is equipped with an automatic pallet, which can be automatically lifted and lowered according to the position of the nose.

		LJZ2J-CNC-170×550
电源	Power supply	380V/50Hz
锯切电机	Cutting motor power	2 × 3.0kW+0.75kW 2800r/min
工作压力	Working air pressure	0.5~0.8MPa
耗气量	Air consumption	50L/min
锯片规格	Blade specification	Φ550 × Φ30 × 4.4mm Z=144
进刀速度	Cutter feeding speed	0~3m/min
机头移动速度范围	Cutter moving speed	0~20m/min
锯切长度	Cutting length	370~4200mm
锯切范围	Sawing size range	45° 锯切范围 170 × 145mm 90° 锯切范围 170 × 200mm
锯切角度	Cutting angle	45° 90°
外形尺寸	Overall dimension	5800 × 1750 × 1250mm

LZN2J-CNC-550 × 4200

适用于铝型材 45°、90° 的切割加工，采用集成数控系统，可与门窗优化软件对接，扫码导入、无线传输、U 盘导入多种方式对接导入切割方案。

Used for cutting aluminum profiles at 45° and 90°. It adopts an integrated numerical control system, which can be connected with the optimization software of doors and windows, and the cutting scheme can be connected by scanning code import, wireless transmission and USB flash drive import.



- 该机采用工业控制系统，可与门窗优化软件对接，扫码导入、无线传输、U 盘导入多种方式对接导入切割方案。
- 伺服电机传动，保证定尺行走精度。
- 进给系统采用进口直线导轨副，精度高，运行稳定。
- 两机头配有上压紧装置，可根据料型单独调整压力大小，确保切割的准确性。
- 内摆切割结构无需计算料高，切割准确。
- 设备装有防打料装置，解决内摆锯打料问题。
- 尾部带自动托料架，根据机头位置自动升降托料架。

- Servo motor drive ensures the accuracy of fixed-length walking.
- The two dies are equipped with upper pressing devices, which can independently adjust the pressure according to the material type to ensure the accuracy of cutting.
- The inner pendulum cutting structure does not need to calculate the material height, and the cutting is accurate.
- The equipment is equipped with anti-chipping device to solve the problem of chipping with internal pendulum saw.
- The tail is equipped with an automatic pallet, which can be automatically lifted and lowered according to the position of the nose.

LZN2J-CNC-550×4200

电源	Power supply	380V/50Hz
锯切电机	Cutting motor power	2 × 3.0kW+0.75kW 2800r/min
工作气压	Working air pressure	0.5~0.8MPa
耗气量	Air consumption	50L/min
锯片规格	Blade specification	Φ550 × Φ30 × 4.4mm Z=144
进刀速度	Cutter feeding speed	0~3m/min
机头移动速度范围	Cutter moving speed	0~20m/min
锯切长度	Cutting length	490~4200mm
锯切范围	Sawing size range	45° 锯切范围 160 × 100mm 90° 锯切范围 170 × 140mm
锯切角度	Cutting angle	45° 90°
外形尺寸	Overall dimension	5800 × 1750 × 1250mm

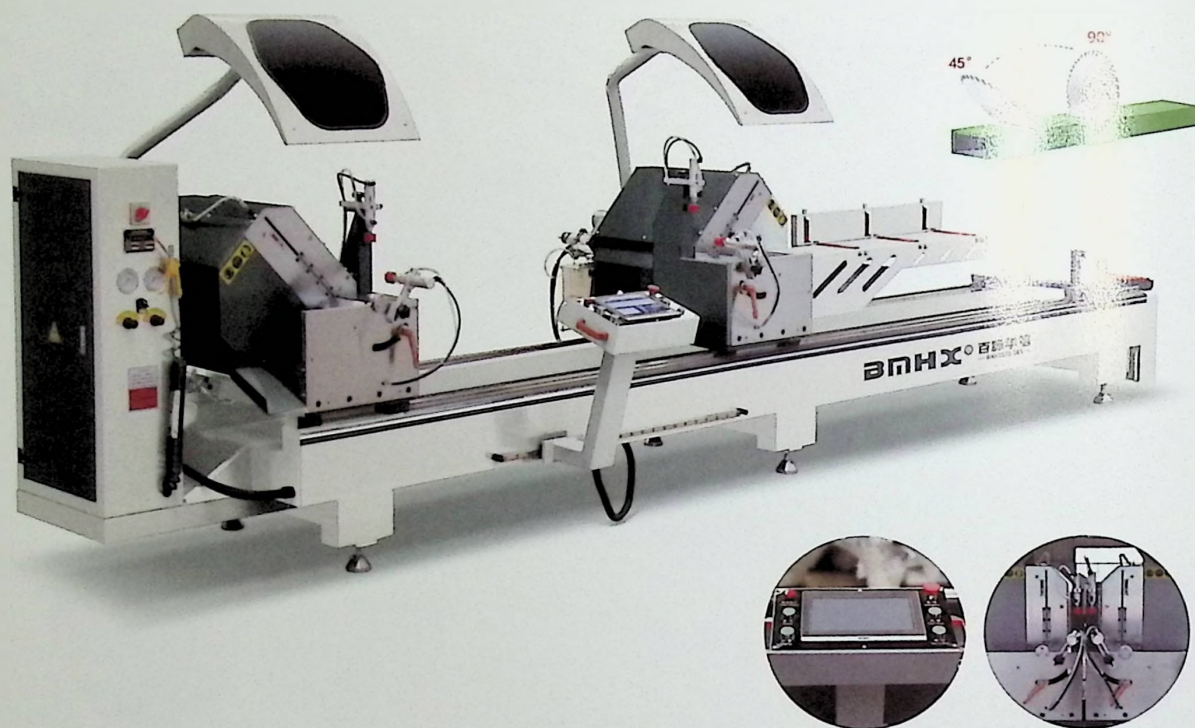
铝型材数控精密切割锯 CNC Double-head Precision Cutting Saw

LJZ2S-CNC-170 × 550

LJZ2-170×550 铝型材数显精密切割锯

适用于铝型材 45°、90° 的切割加工，采用工业数控系统，自动测量料高，下料切割更为简单，数控程序配有超长、超短切割功能。

Used for cutting aluminum profiles at 45° and 90°. The industrial numerical control system is adopted to automatically measure the material height, which makes cutting easier. The numerical control program is equipped with ultra-long and ultra-short cutting functions.



- 自动测量料高，方便快捷。
- 数控程序配有超长、超短切割功能。
- 采用触摸屏，操作方便。
- 进给系统采用进口直线导轨副，精度高，运行稳定。
- 数控操作系统，操作简单，对工作人员技术要求极低，会看数显就可操作。
- 配有上压装置可单独调整气压大小，确保切割准确。
- 尾部带自动托料架，根据机头位置自动升降托料架。

- Automatic measurement of material height is convenient and fast.
- The NC program is equipped with ultra-long and ultra-short cutting function.
- The feeding system adopts imported linear guide rail pair, which has high precision and stable operation.
- CNC operating system, simple operation, extremely low technical requirements for staff, can be operated by reading digital display.
- Equipped with upper pressing device, the air pressure can be adjusted independently to ensure accurate cutting.
- Equipped with automatic lifting pallet.

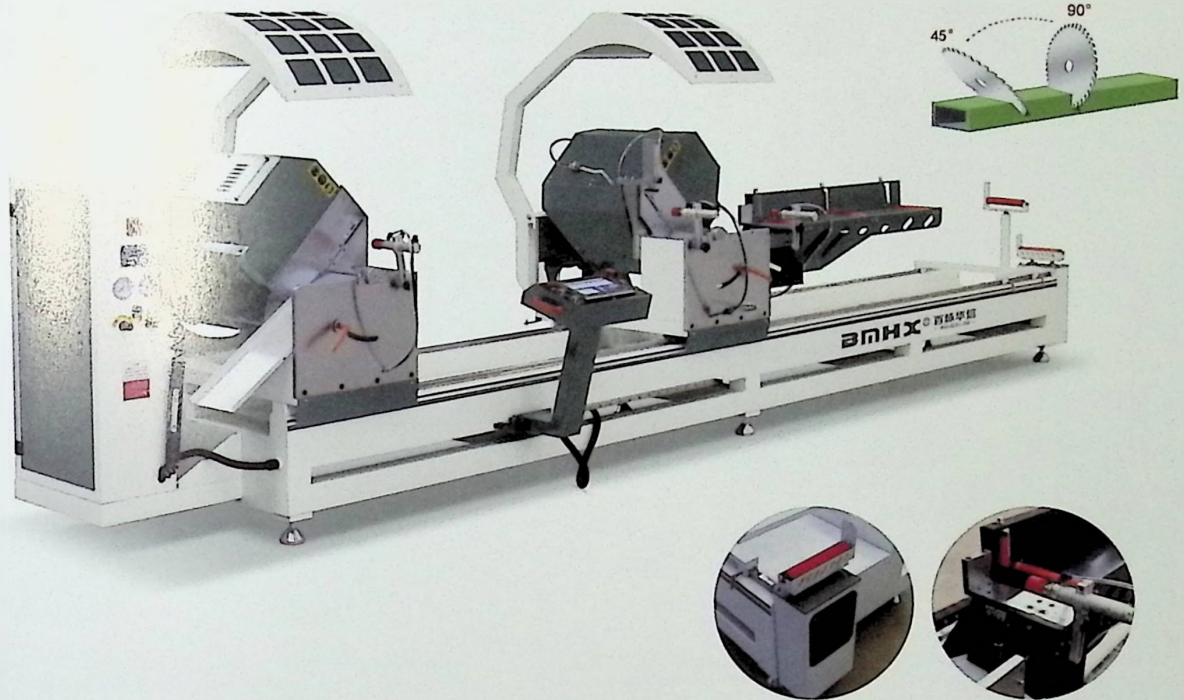
		LJZ2S-CNC-170×550	LJZ2-170×550
电源	Power supply	380V/50Hz	380V/50Hz
切削电机	Cutting motor power	2 × 3.0kW+0.75kW 2800r/min	2 × 3.0kW 2800r/min
工作气压	Working air pressure	0.5~0.8MPa	0.5~0.8MPa
耗气量	Air consumption	50L/min	50L/min
锯片规格	Blade specification	Φ550 × Φ30 × 4.4mm Z=144	Φ550 × Φ30 × 4.4mm Z=144
进刀速度	Cutter feeding speed	0~3m/min	0~3m/min
机头移动速度范围	Cutter moving speed	0~20m/min	0~20m/min
锯切长度	Cutting length	370~4200mm	370~4200mm
锯切范围	Sawing size range	45° 锯切范围 170 × 145mm 90° 锯切范围 170 × 200mm	45° 锯切范围 170 × 145mm 90° 锯切范围 170 × 200mm
锯切角度	Cutting angle	45° 90°	45° 90°
外形尺寸	Overall dimension	5800 × 1750 × 1250mm	5800 × 1750 × 1250mm

LZN2-CNC-550 × 4200

LJN2-550×4200 铝型材直料内翻数显精密锯

适用于铝型材 45°、90° 的切割加工，采用工业数控系统，内摆切割结构无需计算料高，切割准确，数控程序配有超长、超短切割功能。

Used for cutting aluminum profiles at 45° and 90°. The industrial numerical control system is adopted. The internal pendulum cutting structure does not need to calculate the material height, and the cutting is accurate. The numerical control program is equipped with the function of ultra-long and ultra-short cutting.



- 内摆切割结构无需计算料高，切割准确。
- 数控程序配有超长、超短切割功能。
- 采用触摸屏，操作方便。
- 伺服电机传动，保证定尺行走精度。
- 两机头配有上压紧装置，可根据料型单独调整压力大小，确保切割的准确性。
- 设备装有防打料装置，解决内摆锯打料问题。
- 进给系统采用进口直线导轨副，精度高，运行稳定。
- 尾部带自动托料架，根据机头位置自动升降托料架。

- Using touch screen, easy to operate.
- Servo motor drive ensures the accuracy of fixed-length walking.
- The two dies are equipped with upper pressing devices, which can independently adjust the pressure according to the material type to ensure the accuracy of cutting.
- The equipment is equipped with anti-chipping device to solve the problem of chipping with internal pendulum saw.
- The feeding system adopts imported linear guide rail pair, which has high precision and stable operation.
- The tail is equipped with an automatic pallet, which can be automatically lifted and lowered according to the position of the nose.

LZN2-CNC-550×4200

LJN2-550×4200

电源	Power supply	380V/50Hz	380V/50Hz
锯切电机	Cutting motor power	2 × 3.0kW+0.75kW 2800r/min	2 × 3.0kW 2800r/min
工作气压	Working air pressure	0.5~0.8MPa	0.5~0.8MPa
耗气量	Air consumption	50L/min	50L/min
锯片规格	Blade specification	Φ550 × Φ30 × 4.4mm Z=144	Φ550 × Φ30 × 4.4mm Z=144
进刀速度	Cutter feeding speed	0~3m/min	0~3m/min
机头移动速度范围	Cutter moving speed	0~20m/min	0~20m/min
锯切长度	Cutting length	480~4200mm	480~4200mm
锯切范围	Sawing size range	45° 锯切范围 160 × 100mm 90° 锯切范围 170 × 140mm	45° 锯切范围 160 × 100mm 90° 锯切范围 170 × 140mm
锯切角度	Cutting angle	45° 90°	45° 90°
外形尺寸	Overall dimension	5800 × 1750 × 1250mm	5800 × 1750 × 1250mm

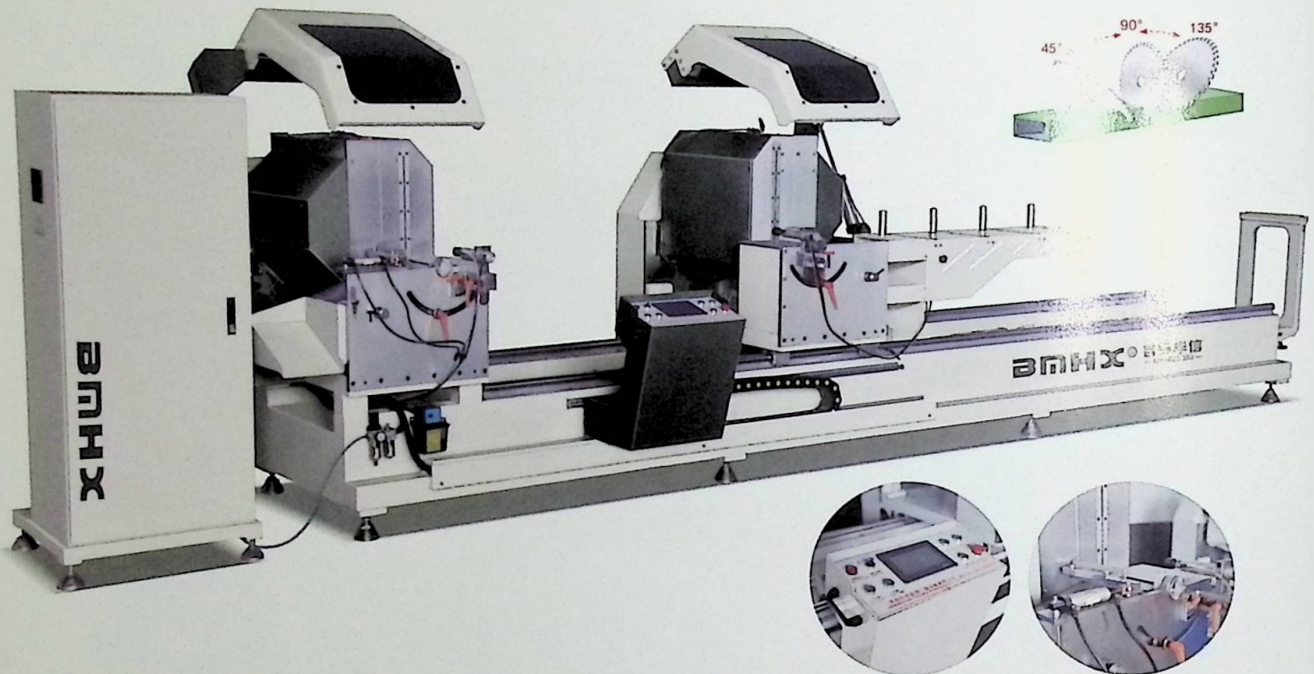
铝型材任意角数控精密切割锯 CNC Variable Angle Double-head Cutting Saw

Ryj-CNC-650 × 4200

Ryj-CNC-500×4200 铝型材任意角数控精密切割锯

适用于加工工业铝型材、铝门窗幕墙型材的任意角度锯切，数控系统控制，进口伺服电机带动减速器，实现锯切角度在 45° 到 135° 之间任意调整。

Used for cutting aluminum alloy profiles and aluminum door and window curtain wall profiles at any angle, controlled by a numerical control system, and driven by an imported servo motor to realize arbitrary adjustment of cutting angle between 45° and 135°.



- 活动锯头由进口伺服电机齿轮齿条驱动，移动速度快，全闭环控制，定尺精度高。
- 进口电机直联锯片，切割动作采用杠杆摆动形式。
- 锯片进给采用气压阻尼缸传动，切割稳定。
- 配备高品质工业控制计算机，支持外部数据的直接调入。
- 具有随动开合锯齿，安全可靠，工作环境好。
- 可随动的型材托料架，结构紧凑，机器占地小。
- 每个机头两个气缸夹紧型材，切割安全、可靠。
- 可自动完成超短超超长切割功能。

- Movable saw head is driven by imported servo motor gear rack, with fast moving speed, full closed loop control and high sizing accuracy.
- The imported motor is directly connected with the saw blade, and the cutting action is in the form of lever swing.
- The feed of saw blade is driven by pneumatic-hydraulic damping cylinder, and the cutting is stable.
- Equipped with high-quality industrial control computer to support direct transfer of external data.
- The profile material support frame with follow-up function has compact structure and small occupied area.
- Two cylinders of each machine head clamp the profile, thus cutting is safe and reliable.
- Can automatically complete ultra-short and ultra-long cutting function.

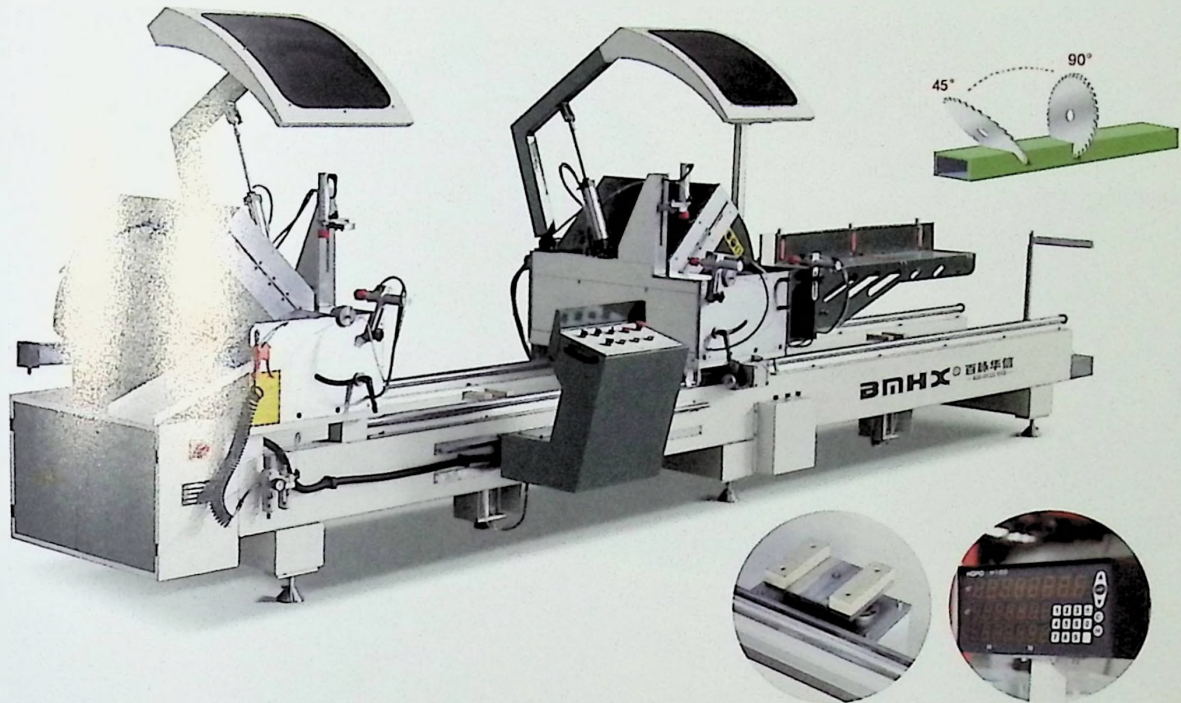
		Ryj-CNC-650×4200	Ryj-CNC-500×4200
电源	Power supply	380V/50Hz	380V/50Hz
锯切电机	Cutting motor power	2 × 3.0kW 2800r/min	2 × 2.2kW 2800r/min
工作气压	Working air pressure	0.5~0.8MPa	0.5~0.8MPa
耗气量	Air consumption	60L/min	60L/min
锯片规格	Blade specification	Φ650 × Φ30 × 4.4mm Z=144	Φ500 × Φ30 × 4.4mm Z=120
进刀速度	Cutter feeding speed	0~3m/min	0~3m/min
机头移动速度范围	Cutter moving speed	0~20m/min	0~20m/min
锯切长度	Cutting length	430~4200mm	400~4200mm
锯切宽度	Cutting width	230mm	220mm
锯切高度	Cutting height	190mm	170mm
锯切角度	Cutting angle	45° ~135° 任意角度	45° ~135° 任意角度
外形尺寸	Overall dimension	6000 × 2050 × 1600mm	5500 × 1950 × 1400mm

LJZ-550 × 4200

LJZ2S-CNC-550×4200 铝型材数控精密切割锯

适用于铝合金型材，铝门窗幕墙型材的锯切加工，数显屏可显示切割尺寸，操作简单，实现锯切角度在45°、90°。

Used for aluminum profile cutting processing, digital display screen can display cutting size, simple operation, realize the cutting Angle 45°, 90°.



- 高精度主轴，锯片转动稳定。
- 气液阻尼机构实现进给调速均匀，运动平稳。
- 进给系统采用直线导轨运动副，精度高，稳定性好。
- 进口数字磁栅系统自动显示切割长度尺寸，重复定位精度高，操作方便。
- 刀具使用硬质合金齿锯片，切削速度快、生产率高、加工精度高。
- 两锯头即可单独工作，也可同时工作，同时工作时，能一次切出所需要的长度及型材两端角度。

- High precision spindle, saw blade rotation is stable.
- The gas-liquid damping mechanism realizes uniform feeding speed regulation and smooth movement.
- Simple operation, reliable performance, advanced technology, easy maintenance.
- The imported digital magnetic gate system automatically displays the cutting length and size, with high repetitive positioning accuracy and convenient operation.
- The cutter USES carbide tooth saw blade, cutting speed is fast, productivity is high, machining precision is high.
- The two saw heads can work independently or simultaneously.

电源	Power supply
锯切电机	Cutting motor power
电机转速	Motor rotary speed
工作压力	Working air pressure
耗气量	Air consumption
锯片规格	Blade specification
进刀速度	Cutter feeding speed
锯切长度	Cutting length
锯切宽度	Cutting width
锯切高度	Cutting height
锯切角度	Cutting angle
外形尺寸	Overall dimension

LJZ2-550×4200

380V/50Hz
2 × 3.0kW
2800r/min
0.5~0.6MPa
50L/min
Φ550 × Φ30 × 4.4mm Z=144
0~3m/min
400~4200mm
45° 170mm
45° 160mm
45° 90°
5800 × 1750 × 1250mm

LJZ2S-CNC-550×4200

380V/50Hz
2 × 3.0kW+0.75kW
2800r/min
0.5~0.8MPa
50L/min
Φ550 × Φ30 × 4.4mm Z=144
0~3m/min
400~4200mm
45° 170mm
45° 160mm
45° 90°
5800 × 1750 × 1250mm

铝型材 45° 专用数控切割锯 (内专切)

CNC Double-head 45° Cutting Saw for Aluminum Profile

LJZ2-CNC-N550 × 4200

LJZ2-N550×4200 铝型材 45° 专用数显双头切割锯 (内专切)

适用于大批量、大宽度铝型材、塑料型材的 45° 专用切割下料，数控系统控制，采用方导轨，重复定位精度高，操作方便，效率高。

Used for 45° special cutting and blanking of large-batch and large-width aluminum profiles and plastic profiles, controlled by numerical control system, Using square guide rail, with high repeated positioning accuracy.



- 适用于大批量、大宽度的铝型材、塑料型材的高精度、高效率切割下料。
- 采用触摸屏操作，方便快捷，配备标签打印功能。
- 系统配有超长、超短切割功能。
- 内专切结构无需计算料高，切割准确。
- 固定 45° 角切割，角度更精确，切割效率更高。
- 伺服电机传动，保证定尺行走精度。
- 两机头配有上压装置，可根据料型单独调节压力大小，确保切割准确性。
- 尾部带自动托料架，根据机头位置自动升降托料架。
- 根据用户的需求也可定制外摆机型，也可定制数显机型和普通机型。

- Touch screen operation, convenient and quick, equipped with label printing function.
- The system is equipped with ultra-long and ultra-short cutting function.
- The internal special cutting structure does not need to calculate the material height, and the cutting is accurate.
- Fixed 45° angle cutting, more accurate angle and higher cutting efficiency.
- Servo motor drive ensures the accuracy of fixed-length walking.
- The tail is equipped with an automatic pallet, which can be automatically lifted and lowered according to the position of the nose.
- According to the needs of users, we can also customize the swing model, digital display model and ordinary model.

LJZ2-CNC-N550×4200

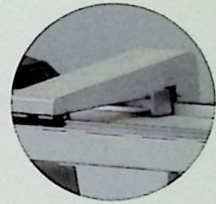
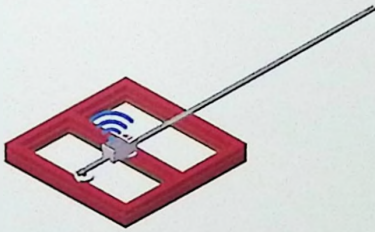
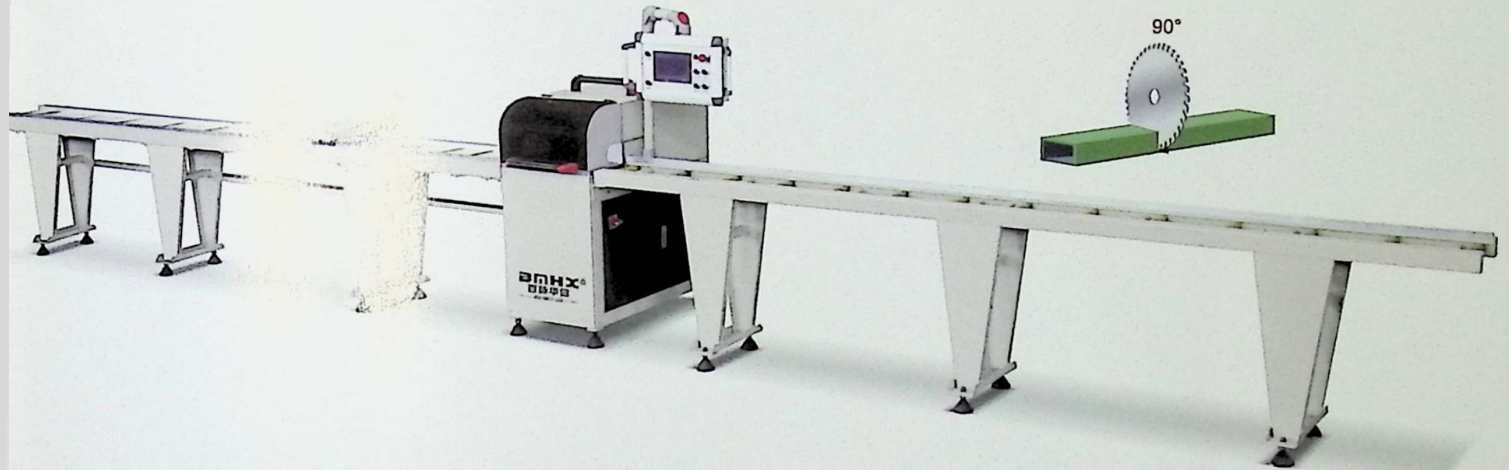
LJZ2-N550×4200

电源	Power supply	380V/50Hz	380V/50Hz
锯切电机	Cutting motor power	2 × 3.0kW+0.75kW	2 × 3.0kW
电机转速	Motor speed	2800r/min	2800r/min
工作气压	Working air pressure	0.5~0.8MPa	0.5~0.8MPa
耗气量	Air consumption	50L/min	50L/min
锯片规格	Blade specification	Φ550 × Φ30 × 4.4mm Z=144	Φ550 × Φ30 × 4.4mm Z=144
锯切长度	Cutting length	480~4200mm	480~4200mm
锯切宽度	Cutting width	130mm	130mm
锯切高度	Cutting height	100mm	100mm
锯切角度	Cutting angle	45°	45°
外形尺寸	Overall dimension	5800 × 1750 × 1250mm	5800 × 1750 × 1250mm

LJBLA-CNC-350

适用于铝门窗玻璃压条的 90° 高效、高精度切割，傻瓜式操作：无线测量自动传输，精确定尺，一次切出所需尺寸，无需修改。

Used for 90° efficient and high-precision cutting of glass battens for aluminum windows. Foolish operation: wireless measurement is automatically transmitted, the ruler is accurately determined, and the required size is cut at one time without modification.



- 本机适用于铝门窗 90° 玻璃压条的高效、高精度切割。
- 采用高品质直线导轨副、意大利直连电机，保证切割精度。
- 采用冷却喷雾对锯片进行冷却，以提高刀具寿命和工件粗糙度。
- 采用进口伺服电机、高精度齿轮、齿条、减速机保证定位精度。
- 具有无线接收能力，使用配套的高精度手持测量尺对窗体内口尺寸进行实测，并自动传送到本设备，驱动定尺装置完成定位及切割，提高门窗压条的装配精度。

- This machine is suitable for aluminum window & door's glazing bead's 90° cutting to length, with high cutting efficiency and high accuracy.
- High level quality linear guide rail pair, Italian direct connection motor, to assure high cutting accuracy.
- Mist spraying cooling way to cool the sawing blade, to improve the sawing blade tool's lifetime and material's section roughness.
- Imported servo motor, high quality gear and rack and speed reducer to assure the positioning accuracy.
- Remote data uploading, with matched high accuracy measuring rule hold by manually to really measure the inner port size of the window, and automatically convey the same to this machine, then make the length scale device to accomplish the positioning and cutting, to improve the glazing bead's assembly accuracy.

LJBLA-CNC-350

锯切电机	Cutting motor power	1.5kW
伺服电机	Servo motor power	400W
电机转速	Motor rotary speed	2800r/min
锯片规格	Blade size	Φ350 × Φ30 × 3.4 × 108Z
数控定尺范围	CNC Length scale range	170~3000mm
切割截面尺寸	Cutting section size	48 × 75mm
锯切宽度	Cutting width	48mm
锯切高度	Cutting height	75mm
定尺精度	Length scale accuracy	±0.1mm
托料架长度	Material supporting frame's length	4000mm
外形尺寸	Overall dimension	8500 × 1200 × 1500mm

铝型材高效精密数控角码切割锯

High Precision CNC Corner Connector Cutting Saw

GJ-CNC-500 × 1000

适用于铝门窗幕墙角码等型材的批量切割及大截面工业铝型材的 90° 锯切加工，数控系统控制，自动送料加工，数字显示切割数量。

Used for batch cutting of aluminum door, window, curtain wall corner yards and other profiles and 90 degree sawing of large-section industrial aluminum profiles. It is controlled by numerical control system and displays the cutting quantity numerically.



- 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。
- 采用西门子伺服电机与滚珠丝杠连接，定位准确，自动化程度高。
- 采用西门子触摸屏，操作简便直观。
- 锯切进给采用气压阻尼形式，运行平稳，切割效果好。

- Cutter is made from horniness alloy driven by powerful motor profile cutting is high efficiency and high precision.
- Operated easily, good performance, advance technical, easy maintenance.
- Siemens servo system connected with screw linear make the locating accurately, spermatic.
- Siemens touch screen easy to operate.
- Blade feeding is driven by airdraulic damping cylinder. Cutting smoothly and reliable.

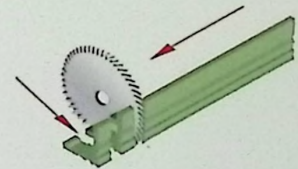
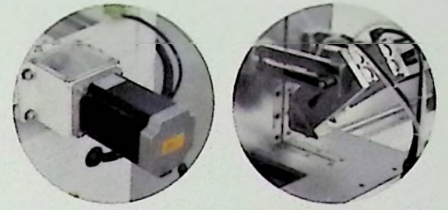
GJ-CNC-500×1000

电源	Power supply	380V/50Hz
输入功率	Input power	4.0kW
工作气压	Working air pressure	0.6~0.8MPa
自动送料长度	Automatic feeding length	3~1000mm
电机转速	Motor rotary speed	2800r/min
锯切范围	Cutting range	5~1000mm
锯片规格	Saw Blade specification	Φ450 × Φ30 × 4.4 Z=100
锯切宽度	Cutting width	250mm
锯切高度	Cutting height	120mm
切割角度误差	Cutting angle tolerance	±5'
外形尺寸	Overall dimension	6240 × 1500 × 1800mm

铝门窗角码全自动数控切割锯
CNC Corner Connector Auto Cutting Saw

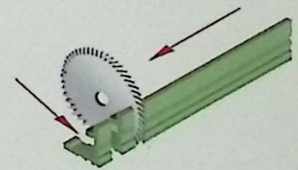
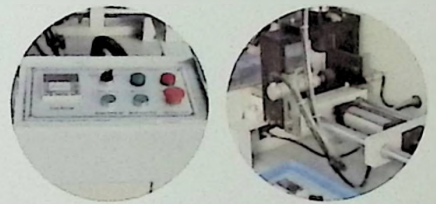
P21 | P22

LJMJ-CNC-500C



铝门窗角码全自动切割锯
Corner Connector Auto Cutting Machine

LJMJ-140



LJMJ-CNC-500C

LJMJ-140

电源	Power supply	380V/50Hz	380V/50Hz
输入功率	Input power	3.0kW	2.2kW
工作气压	Working air pressure	0.6~0.8MPa	0.6~0.8MPa
耗气量	Air consumption	50L/min	50L/min
自动送料长度	Automatic feeding length	3~600mm	3~100mm
电机转速	Motor rotary speed	2800r/min	2800r/min
锯片进给速度	Blade feeding speed	0~3m/min	0~3m/min
锯片规格	Saw blade specification	Φ500 × Φ30 × 4.4 Z=96	Φ450 × Φ30 × 4.4 Z=96
锯切宽度	Cutting width	140mm	120mm
锯切高度	Cutting height	300mm	200mm
外形尺寸	Overall dimension	5600 × 1300 × 1300mm	4300 × 1300 × 1300mm

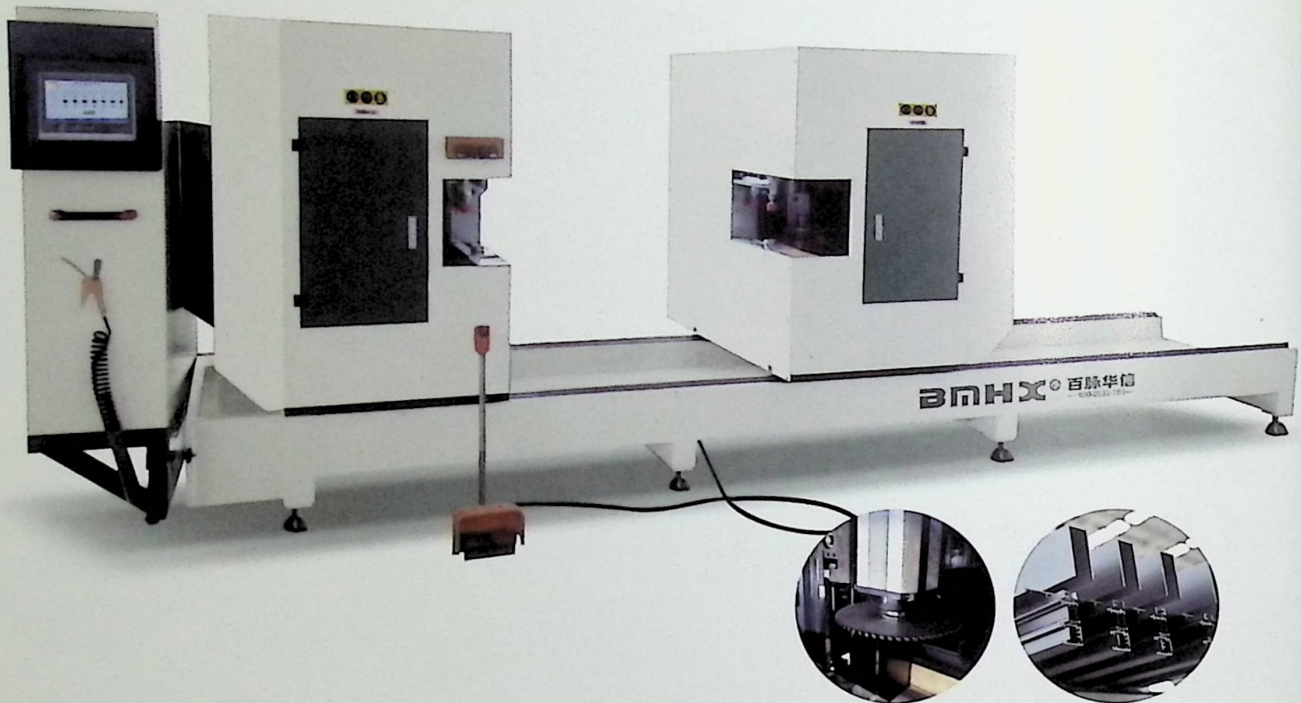
铝型材数控七轴双头端面铣床

CNC Double-head Cutting & Milling Machine

LSDX7-CNC-250

适用于铝型材切割和端面铣削，节省空间，节省人力，效率高，一次夹装可同时切割、铣削型材两端头，数控优化编程软件输入，实现车间生产智能化加工。

This machine integrates profile size cutting and end face milling, and has high efficiency. It can cut and mill both ends of profiles at the same time by clamping once, and the numerical control optimization programming software is input.



- 双头数控七轴端面铣床是我公司精心研发制造的升级产品，加工精度和稳定性优于同类产品。
- 七轴数控系统控制，优化编程软件加工，真正实现全智全能。
- 安装两台双输出轴电机，可旋转，可铣可切。
- 二台铣切电机由七轴数控伺服控制，无需人工调整，可快速便捷的通过选择预设好的程序完成加工，可以连续加工不同截面的型材。
- 一次上料，双头同步加工完成。

- Double-head NC seven-axis end face milling machine is an upgraded product carefully developed and manufactured by our company, and its processing accuracy and stability are superior to similar products.
- Seven-axis CNC system control, optimize programming software processing, and truly realize omnipotence.
- Install two motors with double output shafts, which can be rotated, milled and cut.
- The two milling motors are controlled by seven-axis CNC servo, which can be quickly and conveniently processed by selecting preset programs without manual adjustment, and can continuously process profiles with different sections.
- Once feeding, double-head synchronous processing is completed.

LSDX7-CNC-250

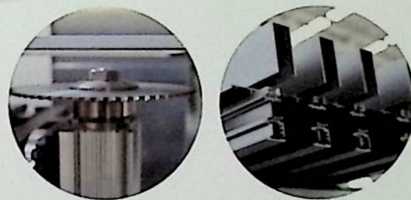
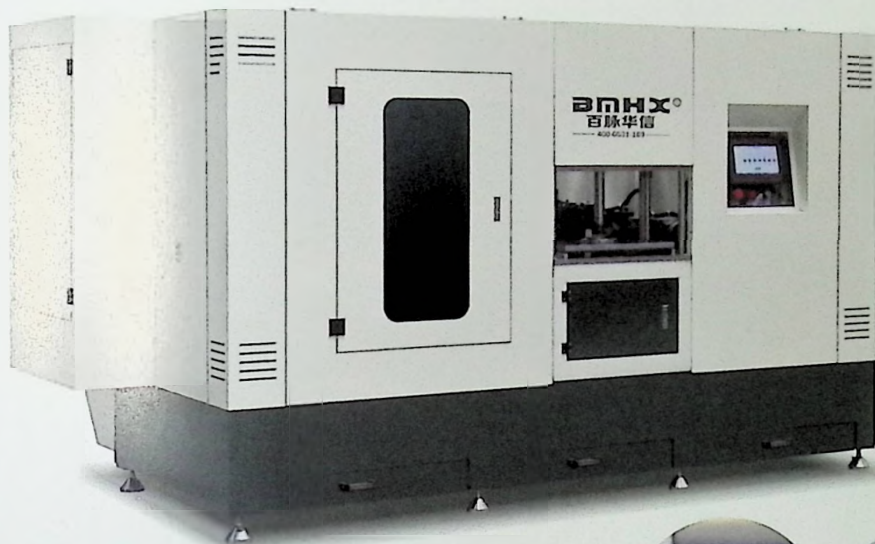
电源	Power supply	380V/50Hz
输入功率	Input power	11kW
电机转速	Motor speed	2800r/min
工作气压	Working air pressure	0.6~0.8MPa
铣刀直径	Diameter of milling blades	Φ200mm
主轴直径	Spindle diameter	Φ30mm
工作台尺寸	Table size	120 × 200mm
最大铣削长度	Max. milling length	3000mm
最大开槽高度	Max. tenon height	120mm
最大开槽宽度	Max. tenon width	200mm
切削角度	Cutting angle	90°
外形尺寸	Overall dimension	5200 × 1300 × 1800mm

LDXB5-CNC-350

LDXB7-CNC-350 七轴数控端面铣床 LDXB3-CNC-300 三轴数控端面铣床

适用于断桥铝门窗，各种轻型工业铝型材的数控智能优化断面的铣削加工，5轴数控系统控制，编程简便，兼容性高，更高效、更可靠。

Used for milling of broken aluminum doors and windows, various light industrial aluminum profiles, controlled by 5-axis numerical control system, with simple programming, high compatibility, higher efficiency and reliability.



- 适用于铝门窗中挺型材端面榫口和台阶面的锯铣加工。
- 安装两台锯铣电机，一台实现水平铣切，另一台实现垂直纵切，兼顾各种截面中挺型材及加强中挺的端铣作业，更具通用性。
- 垂直纵切锯片角度可调，使用范围更广。
- 两台铣切电机由五轴数控伺服控制，无需人工调整，可快速便捷的通过选择预设好的程序完成加工，可以连续加工不同截面的型材。
- 采用精密齿轮齿条进给，更平稳。
- Two sawing and milling motors are installed, one to realize longitudinal milling and the other to realize vertical, longitudinal cutting, which gives consideration to the end milling operations of various cross-sections and strengthening the center stiles, and is more versatile.
- The angle of vertical and longitudinal cutting saw blade is adjustable, and the application range is wider.
- The two milling motors are controlled by five-axis numerical control servo, without manual adjustment, and can finish machining quickly and conveniently by selecting preset programs, and can continuously machine profiles with different cross sections.
- Adopt precision rack and pinion feed, which is more stable.

LDXB3-CNC-300

LDXB5-CNC-350

LDXB7-CNC-350

电源	Power supply	380V/50Hz	380V/50Hz	380V/50Hz
电机总功率	Motor total power	5kW	10kW	15kW
电机转速	Motor rotary speed	2800r/min	2800r/min	2800r/min
工作气压	Working air pressure	0.6~0.8MPa	0.6~0.8MPa	0.6~0.8MPa
耗气量	Air consumption	40L/min	50L/min	60L/min
铣刀规格	Diameter of milling cutter	/	Φ300mm 2片	Φ300mm 3片
铣切深度	Milling depth	75mm	80mm	80mm
切刀规格	Saw blade specification	Φ300mm 1片	Φ350mm 1片	Φ350mm 1片
切削高度	Cutting height	200mm	200mm	200mm
工作台尺寸	Workbench size	476 × 320mm	476 × 320mm	510 × 310mm
锯切角度	Cutting angle	0° , 90°	0° , 90°	0° , 90°
外形尺寸	Overall dimension	2100 × 1330 × 1600mm	3100 × 1530 × 1800mm	3520 × 1780 × 1800mm

铝型材走刀式自动端面铣床

End-Milling Machine for Aluminum Profile

LXDD-250

适用于铝型材加强中挺端面的加工，一次性铣削完成多根中挺型材所需的尺寸，操作简单、性能可靠，易于维护保养。

Used for aluminum profile and suitable for various profiles, clamp one time can processing multi-piece profiles, which increased the processing efficiency.



- 用于铝型材加强中挺端面的加工，以适应不同截面型材的配合，具有型材固定，刀具移动，采用矢量变频调速装置，进刀速度可调，快速退刀，其中立刀锯片一次性铣削完成多根加强中挺型材所需的尺寸，提高生产效率。
- 刀具上下、左右可调，可加工不同截面的型材，缩短生产周期，降低成本。
- 刀具直径大，铣削速度高，加工面质量高。

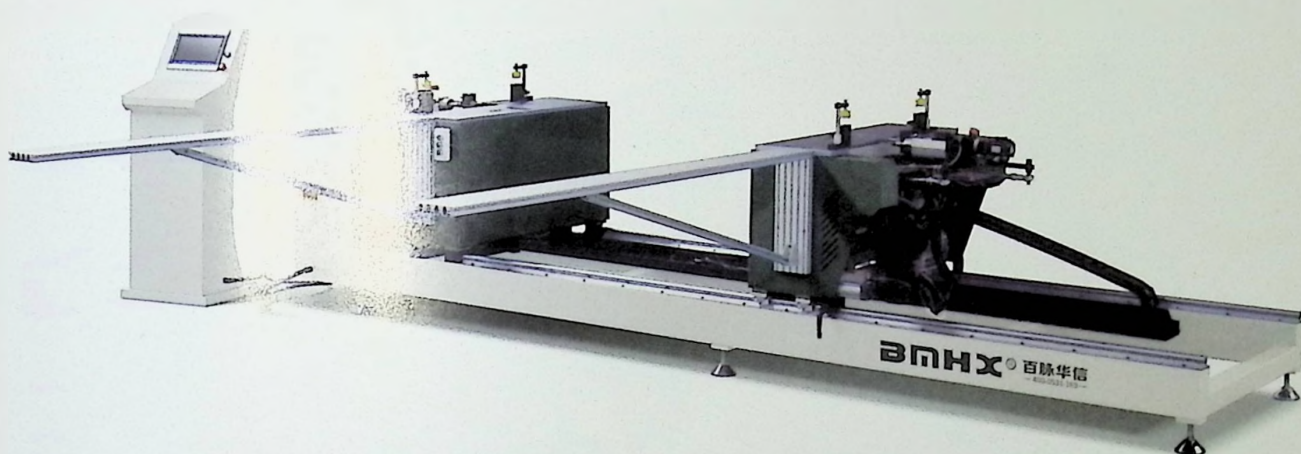
- Used for aluminum profile strengthens the very end processing, and suitable for various profiles with profiles, fixed, movable cutter, the vector variable frequency speed control device of feed speed adjustable, rapid retreat knife, wherein the vertical knife blade disposable milling a plurality of reinforced out profile desired dimensions, improve production efficiency.
- Convenient tool adjustment to meet different processing requirement, need not ordering tools when process various profile, thus can decrease cost and save time.
- Large tool diameter, high milling speed and good processing result.

		LXDD-250
电源	Power supply	380V/50Hz
电机总功率	Motor total power	8.0kW
工作气压	Working air pressure	0.6~0.8MPa
电机转速	Motor rotary speed	2800r/min
主轴直径	Main axis diameter	Φ32mm
铣刀直径	Milling tools diameter	Φ250mm
锯片直径	Saw blade specification	Φ355mm
电机调整行程	Cutter adjustment	0~85mm
工作台尺寸	Worktable size	200×260mm
工作台进给行程	Worktable feeding stroke	0~1560mm
开料最大尺寸	Max open tenon size	160×50mm
外形尺寸	Overall dimension	5000×2300×1700mm

ZTZ2-CNC-560 × 3300

适用于门窗固定框窗框与中挺自动连接，数控系统控制，操作简单，双头机构，一次将窗框的中挺固定完毕，大大提高了工作效率。

Used for the automatic connection between the window frame and the middle stile of the door and window fixing frame, controlled by the numerical control system, and the middle stile of the window frame can be fixed at one time.



- 该机是门窗固定框窗框与中挺自动连接的专用设备。
- 双头机构，一次将窗框的中挺固定完毕，自动定位、自动钻孔、自动上螺丝，大大提高了工作效率。
- 攻钉采用伺服电机，攻钉准确率大大提高；消除了气动马达受气压、气量的影响，避免了攻不进或攻不到位的情况。

- This machine is a special equipment for automatically connecting the window frame of the door and window with the middle stile.
- Double-head mechanism can fix the middle stile of the window frame at one time, automatically position, drill holes and screw, which greatly improves the working efficiency.
- Servo motor is used for tapping nails, which greatly improves the accuracy of tapping nails; The influence of air pressure and air volume on the pneumatic motor is eliminated, and the situation that the air motor can't attack or can't attack in place is avoided.

ZTZ2-CNC-560×3300

电源	Power supply	380V/50Hz
电机总功率	Motor total power	3.0kW
工作气压	Working air pressure	0.5~0.8MPa
加工范围	Processing range	最小尺寸 560mm (0.56m) 最大尺寸 3300mm (3.3m)
螺钉直径	Screw diameter	4mm、5mm
螺钉长度	Screw length	最长 60mm
加工型材宽度	Width of machined profile	最大 120mm
加工型材高度	Height of machined profile	最大 100mm

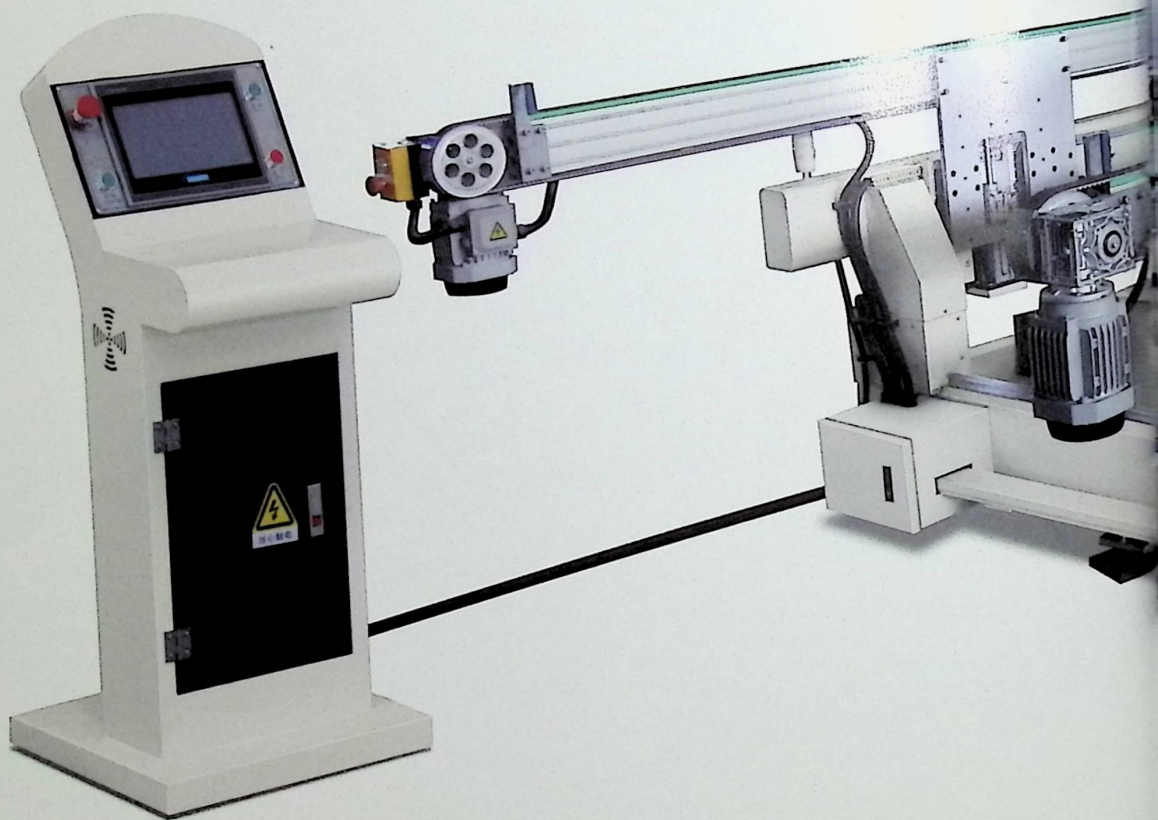
铝门窗数控四头组角生产线

CNC Four-head Corner Crimping Production Line

LM4X-CNC-100 × 2200 × 3000

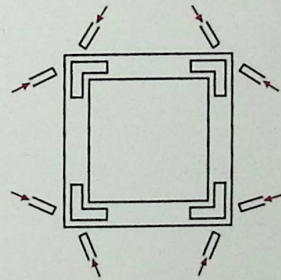
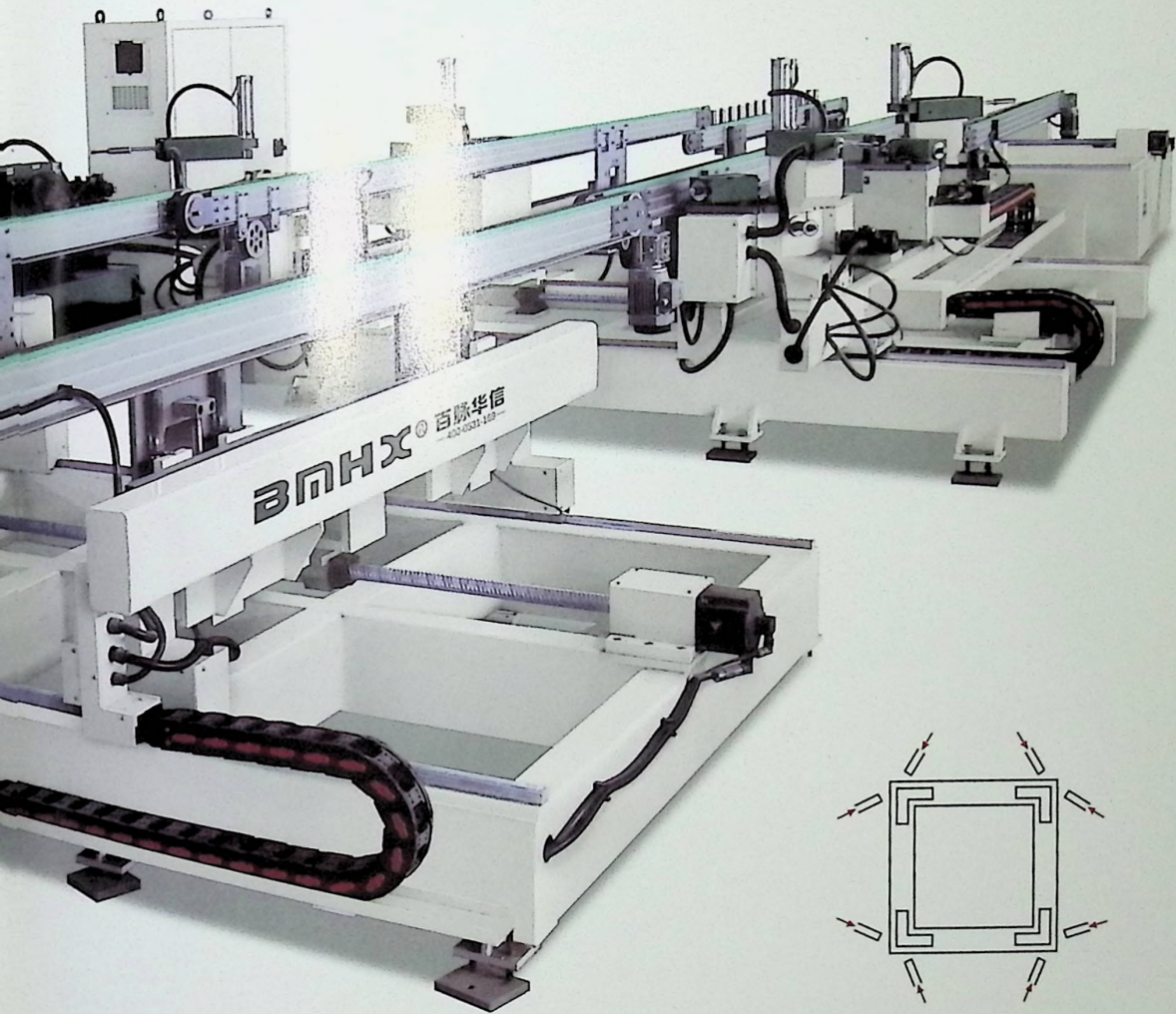
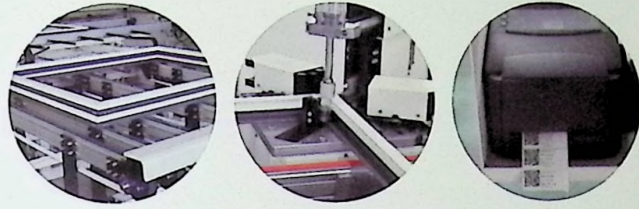
适用于铝门窗四个角同步高效的组角加工，平稳快速的流水线作业模式，可自动传输窗体进行连续组角加工，创新的外定位设计，可满足框料、扇料等多种型材的组角加工。

Used for simultaneous and efficient corner forming of four corners of aluminum doors and windows, stable and fast assembly line operation mode, and can automatically transmit windows for continuous corner forming. Innovative external positioning design can meet the angle processing of various profiles such as frame material and fan material.



- 创新的上压紧及水平辅助装置可靠的约束型材，防止窗体组角时扭曲错位，保证组角精度。
- 通过伺服系统的力矩监控功能，实现四角自动顶紧，确保了组角精度。
- 安装自主研发的控制软件，支持组角数据的多种形式导入。
- 隐藏升降式定位块，既满足对型材进行可靠的定位，又方便窗体的进出。
- 移动部分均采用高精度直线导轨和滚珠丝杠副，保证组角精度。
- 根据型材定制的一体式组角刀，整体调换节省时间，加工效率更高。
- 配置条码打印机，可打印预设的窗体信息。

- The innovative upper pressing and horizontal auxiliary device can reliably restrain the profile, prevent the window from twisting and dislocation when assembling the angle, and ensure the accuracy of assembling the angle.
- Through the torque monitoring function of the servo system, the four corners are automatically pre-tightened, and the angle setting accuracy is ensured.
- Install self-developed control software, and support various forms of import of group angle data.
- The moving parts adopt high-precision linear guide pair and ball screw pair to ensure the angle precision.
- The integrated angle cutter customized according to the profile can save time and have higher processing efficiency by overall replacement.



LM4X-CNC-100×2200×3000

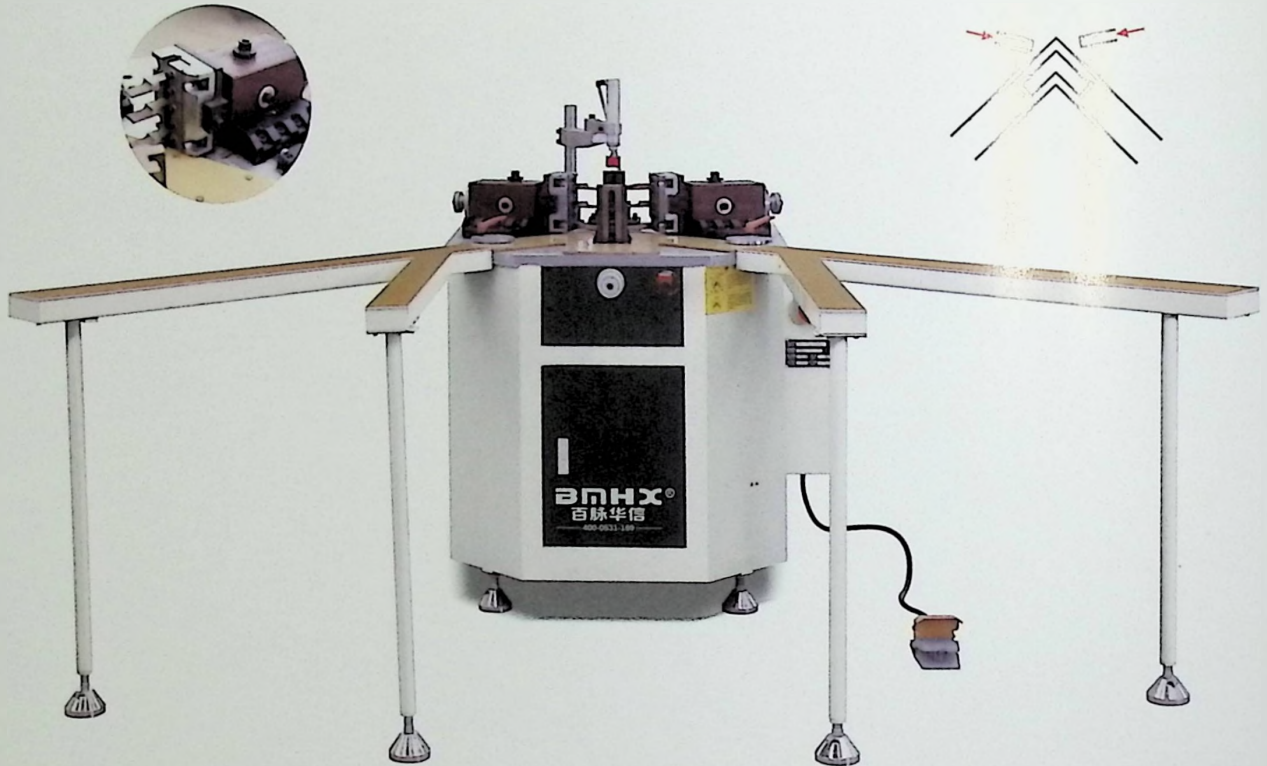
电源	Power supply	380V/50Hz
最大组框范围	Max. frame dimension	2200 × 3000mm
最小组框范围	Min. frame dimension	700 × 450mm
额定油压	Rating oil pressure	15MPa
成型窗对角线误差	Diagonal error of forming window	≤1mm
对接缝隙精度	Accuracy of butt joint gap	≤0.15mm
外形尺寸	Overall dimension	12000 × 4000 × 1300mm

铝门窗重型高速单头组角机 High-speed Corner Combining Machine

YZJ-160

适用于铝门窗高效组装，针对越来越多的加重、加宽、加厚的门窗型材组角难的问题，该机加大了组角机构的组角空间和推进力，最大可到 10 吨。

Used for efficient assembly of aluminum doors and windows, aiming at the problem that more and more weighted, widened and thickened door and window profiles are difficult to assemble, the maximum can reach 10 tons.



- 该机用于隔热型材框料、门窗及幕墙材料的角码式冲铆连接。
- 整体采用加重式设计，主要部件均采用高强度球墨铸铁 QT600-3 加工而成，有效的保证了设备的使用精度和长期的精度保持。
- 组角效果好，平整、无错位。
- 组角推进机构颠覆传统设计，采用全新的设计理念，整体外观简洁明了。

- This machine is used for angle-code punching and riveting connection of heat insulation profile frame materials, doors and windows and curtain wall materials.
- The whole design is weighted, and the main parts are made of high-strength ductile iron QT600-3, which effectively ensures the use accuracy and long-term accuracy maintenance of the equipment.
- The angle combination effect is good, smooth and without dislocation.
- The assembly angle propulsion mechanism subverts the traditional design and adopts a brand-new design concept, and the overall appearance is simple and clear.

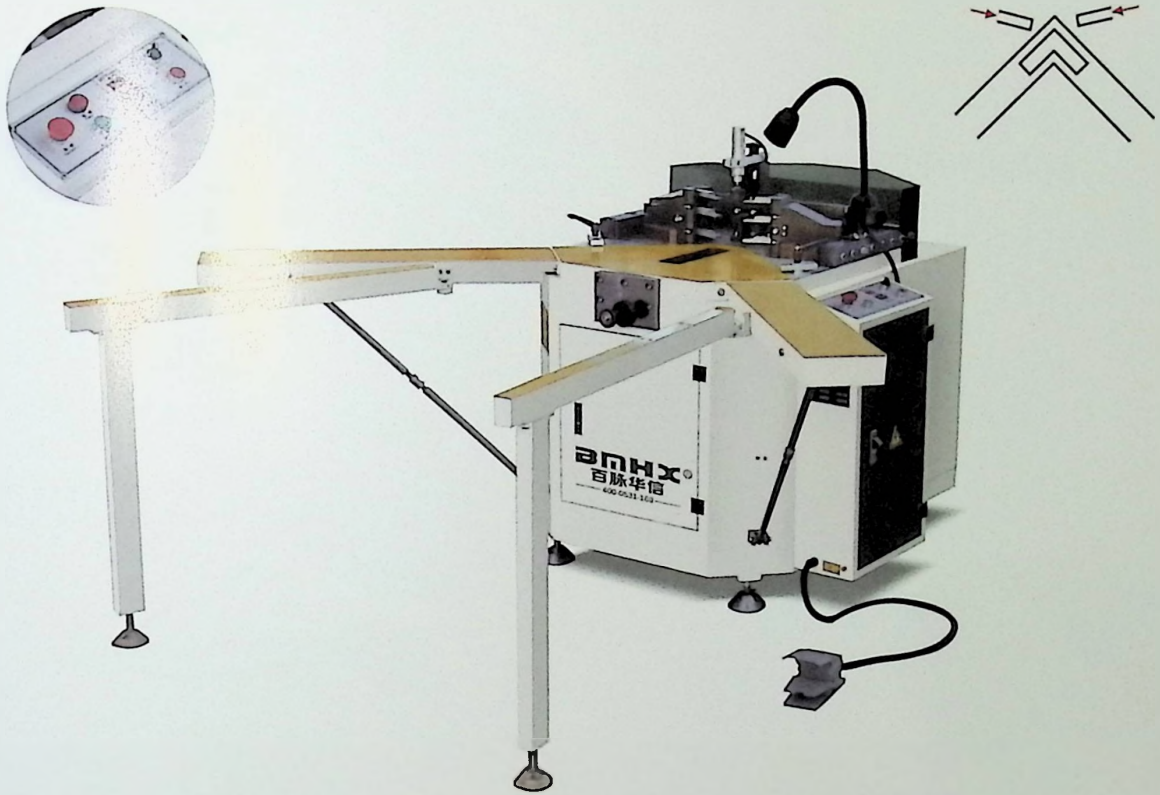
		YZJ-160
电源	Power supply	380V/50Hz
额定功率	Rating power	3.0kW
额定压力	Rated pressure	15MPa
工作气压	Working air pressure	0.5~0.8MPa
油箱容量	Capability of oil box	30L
适应型材宽度	Profile width	160mm
组角缸运动行程	Corner combining casing movement journey	0~90mm
总组角压力	General pressure of corner combining	100KN
外形尺寸	Overall dimension	2300 × 1500 × 1400mm

铝门窗重型高速单头组角机 High-speed Corner Combining Machine

YZJ-150

适用于铝门窗高效组装，适应型材高度 150mm，精准定位，更换型材快捷方便，傻瓜式操作，对操作者无要求，快速高效。

Used for corner punching combination of aluminum window & door, Suitable for profile height 150mm, accurate positioning, fast and efficient, Quick and convenient replacement of profiles.



- 采用加重式设计，有效的保证了设备的使用精度和长期精度的保持。
- 加大了组角机构的组角空间和推进力，最大可达 7 吨，可制作大尺寸门窗。
- 可升降的定位机构，放料取料更加方便。
- 组角高度 150mm、组角速度快，1 分钟 1 个框。
- 组角力量大，组角平整、无错位。

- The weighted design effectively ensures the use precision and long-term precision of the equipment.
- The angular space and propelling force of the angular mechanism are increased, reaching a maximum of 7 tons, and large-sized doors and windows can be manufactured.
- Lifting positioning mechanism makes it more convenient to put and take materials.
- Group angle height 150mm, group angular velocity fast, 1 frame per minute.
- The angle setting force is large, the angle setting is smooth and free of dislocation.

YZJ-150

电源	Power supply	380V/50Hz
额定功率	Rating power	3.0KW
额定压力	Rated pressure	15MPa
工作气压	Working air pressure	0.5-0.8MPa
油箱容量	Capability of oil box	30L
适应型材宽度	Profile width	150mm
组角缸运动行程	Corner combining casing movement journey	0-90mm
总组角压力	General pressure of corner combining	100KN
外形尺寸	Overall dimension	1100 × 1400 × 1400mm

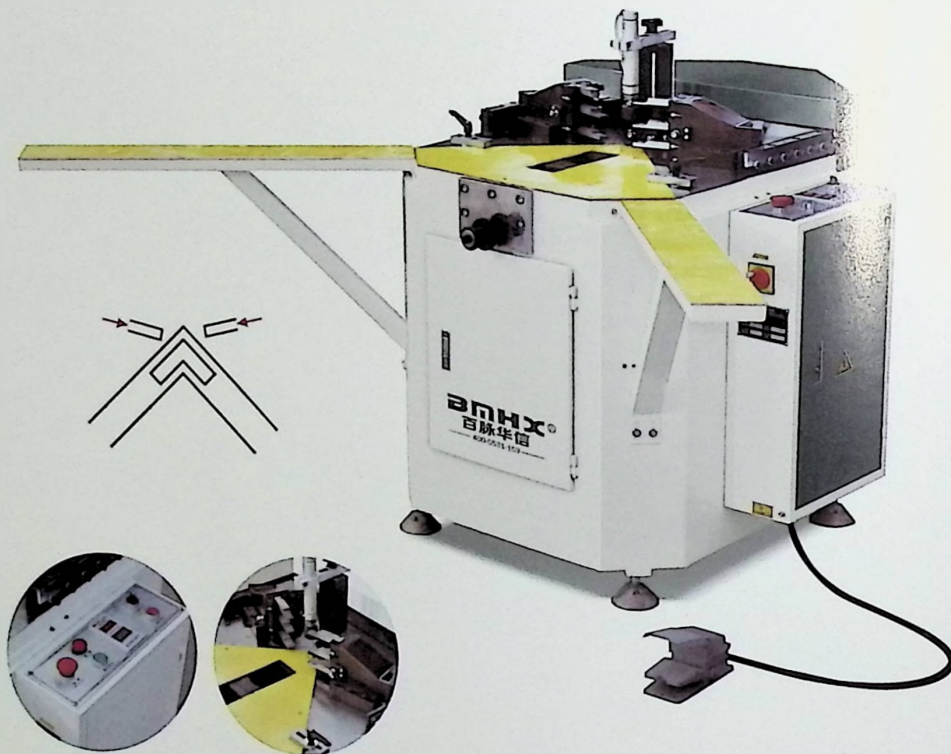
铝门窗单头组角机

Single-head Corner Combining Machine

LJZ-130

适用于铝门窗高效组装，适应型材高度 130mm，精准定位，组角平整、无错位，快速高效，工作更稳定，故障率低。

Used for high-efficiency assembly of aluminum doors and windows, suitable for profile height of 130mm, accurate positioning, flat angle, no dislocation, fast and efficient, more stable work and low failure rate.



- 加强型机架及机械结构，工作更稳定，故障率低。
- 自动升降式内定位，工件装夹更方便。
- 专用液压站功率大，冲铆力更大，可加工大断面，大壁厚型材。
- 专用高速液压系统，可提供更快组角速度，提高工作效率。
- 可配置单刀多点组角刀，使隔热断桥铝门窗组角更加可靠。

- Reinforced frame and mechanical structure, more stable operation, low failure rate.
- Automatic lifting type internal positioning makes workpiece clamping more convenient.
- The special hydraulic station has high power and stronger riveting force, and can process large section and thick wall sections.
- Special high-speed hydraulic system can provide faster angular velocity and improve working efficiency.
- Single-pole multi-point corner cutter can be configured to make the corner of insulated bridge-breaking aluminum doors and windows more reliable.

		LJZ-130
电源	Power supply	380V/50Hz
额定功率	Rating power	2.2kW
额定压力	Rated pressure	15MPa
工作气压	Working air pressure	0.5-0.8MPa
油箱容量	Capability of oil box	25L
适应型材宽度	Profile width	130mm
组角缸运动行程	Corner combining casing movement journey	0-85mm
总组角压力	General pressure of corner combining	60KN
外形尺寸	Overall dimension	1100 × 1300 × 1300mm

铝门窗重型组角机 (下定位)
Single-head Corner Combining Machine

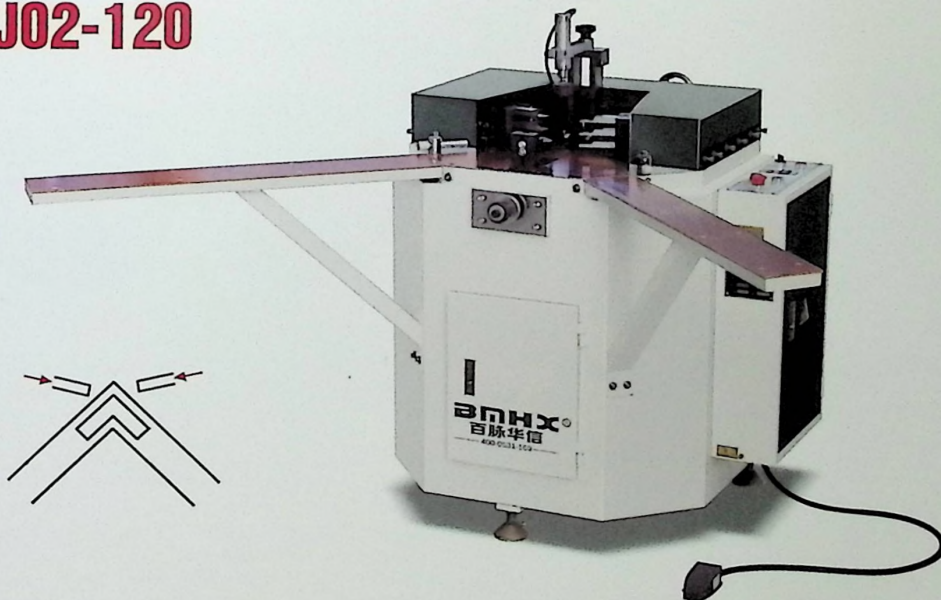
P31 P32

LZJ02-120A



铝门窗单头组角机
Single-head Corner Combining Machine

LZJ02-120



		LZJ02-120A	LZJ02-120
电源	Power supply	380V/50Hz	380V/50Hz
额定功率	Rating power	1.5kW	1.5kW
额定压力	Rated pressure	15MPa	15MPa
工作气压	Working air pressure	0.5-0.8MPa	0.5-0.8MPa
油箱容量	Capability of oil box	20L	20L
适应型材宽度	Profile width	120mm	120mm
组角缸运动行程	Corner combining casing movement journey	0-85mm	0-85mm
总组角压力	General pressure of corner combining	48kN	48kN
外形尺寸	Overall dimension	1000 × 1300 × 1300mm	1000 × 1300 × 1300mm

铝门窗卧式双头铰链机

Double-head Combination Drilling Machine

LJZK-01

适用于铝门窗（外开窗、上悬窗等）的铰链安装孔、滑撑风撑孔、四连杆孔的高效钻孔加工，一次装夹可同时加工两侧共8个孔，加工效率极高。

Used for drilling hinge installing hole, sliding support hole and four connecting rod hole of aluminum window and door profile (outward casement window and tilt windows, etc). A total of 8 holes on both sides can be machined simultaneously by one clamping, and the machining efficiency is extremely high.



- 适用于铝门窗（外开窗、上悬窗等）的铰链安装孔、滑撑风撑孔、四连杆孔的高效钻孔加工。
- 一次装夹可同时加工两侧共8个孔，加工效率极高。
- 采用台湾高精度多轴钻包，关键旋转部位均采用精密进口轴承，确保加工精度及使用寿命。
- 脚踏开关控制动作，操作简便。

- It is suitable for high-efficiency drilling of hinge mounting holes, sliding bracing air bracing holes and four-link holes of aluminum doors and windows (external windows, upper hanging windows, etc.).
- A total of 8 holes on both sides can be machined simultaneously by one clamping, and the machining efficiency is extremely high.
- Taiwan's high-precision multi-axis drill kit is adopted, and precision imported bearings are adopted for key rotating parts to ensure processing precision and service life.
- The foot switch controls the action, which is easy to operate.

LJZK-01

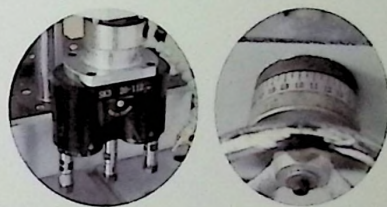
工作电压	Power supply	380V/50Hz
输入功率	Output power	3.0kW
工作气压	Working air pressure	0.5-0.8MPa
钻头数量	No. of power-drill	8
加工宽度尺寸	Process dimension	300 × 2000mm
钻孔直径	Drilling diameter	Φ1-7mm
最小孔距	Min hole distance	22mm
最大孔距	Max hole distance	380mm
主轴转速	Spindle speed	1400rpm
外形尺寸	Overall dimension	3100 × 120 × 960mm

LZZ6A-13

LZZ4A-13 铝型材四头组合钻床

适用于铝型材及钢件的钻孔加工，特别适用于长料及大批量生产，可安装多头钻座，满足多组群孔的加工，加工效率高，双速电机，可用于钢件及铝型材的加工。

Used for drilling aluminum profiles and steel parts, especially for long materials and mass production. It can install multi-head drill seats to meet the requirements of multi-group drilling, and has high processing efficiency. It is a two-speed motor and can be used for processing steel parts and aluminum profiles.



- 采用双速电机，可用于钢件及铝型材的加工。
- 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。
- 进给系统采用气液阻尼缸，进给平稳。
- 采用台达控制系统，可实现任意机头的联动。

- Adopt two-speed motor, which can be used for processing steel parts and aluminum 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 airhydraulic-damping cylinder, which ensured smooth feeding.
- Imported Schneider PLC control system with steady capability.

LZZ6A-13

LZZ4A-13

电源	Power supply	380V/50Hz	380V/50Hz
电机功率	Cutting motor power	6 × 0.65kW/0.85kW	4 × 0.65kW/0.85kW
工作气压	Working air pressure	0.5~0.8MPa	0.5~0.8MPa
动力头数量	Power unit quantity	6	4
两钻孔最大距离	Max distance between two drilling holes	5000mm	5000mm
两钻孔最小距离	Min distance between each group hole	300mm	300mm
最大钻孔直径	Max drilling hole diameter	13mm	13mm
工作台尺寸	Worktable size	300 × 300mm	300 × 300mm
钻头进给行程	Drilling head feeding travel	125mm	125mm
加工铝型材最大截面尺寸	Max processing profile section size	250 × 250mm	250 × 250mm
外形尺寸	Overall dimension	6500 × 1100 × 1800mm	5500 × 1000 × 1900mm

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