



振飞机器
ZHENFEI MACHINE

振飞机器。接轨  造

门窗型材 / 工业铝型材 / 系统门窗精加工设备
DOOR AND WINDOW PROFILES / INDUSTRIAL ALUMINUM PROFILES
SYSTEM DOOR AND WINDOW PRECISION PROCESSING EQUIPMENT



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扫一扫加好友

济南
齐河 振飞机器有限公司
JINAN ZHENFEI MACHINE CO.,LTD.

专业的视角·选择专业的振飞

振飞机器——专注门窗高端设备20年

Focus on high-end equipment

for doors and windows for 20 years



ENTERPRISE CONCEPT

企业理念

发展理念

先人一步 持续提升

管理理念

三化为本 创新驱动

经营理念

以质取胜 诚信为本

员工精神

忠诚 协作 专业 进取

服务理念

服务只有起点 满意没有终点

执行理念

不找不行的理由 只找能行的方法

用人理念

以人为本 唯才是用 人尽其才 才尽其用

态度理念

认真做事只能把事情做对，用心做事才能把事情做好

ABOUT ZHENFEI

关于振飞

专注明窗高端设备 20 年

20

出口国家数量

80 +

专业营销服务团队

23

拥有技术专利

50 +

振飞机器是一家专业研发、生产、销售铝合金门窗设备、塑钢门窗设备、铝木复合门窗设备、中空玻璃加工设备的高新技术企业。公司以机械加工为先导，拥有车、铣、刨、磨等加工设备上百台，加工设备齐全，性能先进，加工范围广，精度高，搭配合理。公司可独立实现设计、加工、装配、试验一条龙流水化作业，生产与国际质量标准体系接轨，确保了设备精良的品质，并可根据客户的特殊需求订做异型产品，满足市场差异化需求。公司配有完善的售后服务体系，售后团队覆盖全国任何一个城市，保障每一位客户的权益。

公司自成立以来，本着“以质取胜，诚信为本”的经营理念，现已成为中国门窗行业可提供全套技术的知名企业，市场遍布全国，产品出口南非、蒙古、越南、乌克兰、俄罗斯等地区，深受国内外广大用户的青睐。

面对崭新的二十一世纪，公司加强企业管理，深化企业文化，建立健全的质量保证体系，使产品质量位于行业的前列。凭借独特的经营理念，现代化的管理模式，强大的技术开发优势，雄厚的资本实力，铸就了知名品牌，为服务于社会，满足客户需求奠定了坚实的基础。

ZHENFEI Machine is a high-tech enterprise specializing in R&D, production and sales of aluminum alloy door and window equipment, plastic steel door and window equipment, aluminum wood composite door and window equipment and insulating glass processing equipment. The company takes machining as the forerunner, and owns hundreds of machining equipment such as turning, milling, planing and grinding, with complete machining equipment, advanced performance, wide machining range, high precision and reasonable matching. The company can independently realize the one-stop streamline operation of design, processing, assembly and test, and the production is in line with the international quality standard system, which ensures the excellent quality of equipment, and can customize special-shaped products according to the special needs of customers to meet the differentiated needs of the market. The company is equipped with a perfect after-sales service system, and the after-sales team covers any city in China to protect the rights and interests of every customer.

Since its establishment, based on the business philosophy of "winning by quality and based on honesty", the company has become a well-known enterprise that can provide a full set of technologies in China's door and window industry. Its markets are all over the country, and its products are exported to South Africa, Mongolia, Vietnam, Ukraine, Russia and other regions, which are favored by users at home and abroad.

Facing the brand-new 21st century, the company strengthens enterprise management, deepens enterprise culture, and establishes a sound quality assurance system, so that the product quality is at the forefront of the industry. With its unique business philosophy, modern management mode, strong technological development advantages and strong capital strength, it has created a well-known brand and laid a solid foundation for serving the society and meeting customer needs.

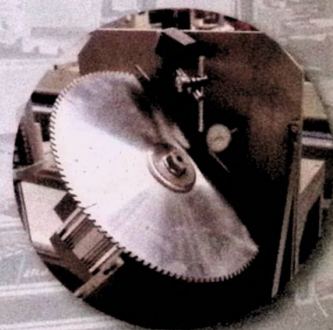
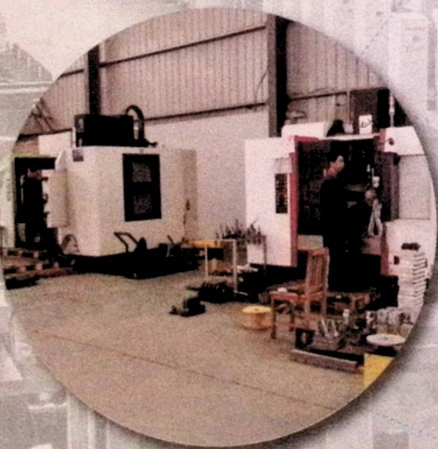
QUALITY ASSURANCE 质量保证

专业的机加工设备，完善的检测流程
精益求精，客户至上，诚信立业，追求卓越。

专业

完善

精益



ENTERPRISE HONOR 企业荣誉

岁月检验品质
质量打造信誉
诚信成就未来

收获的秋天
用一片金黄延续着我们的感动
那一粒粒的果实
不是炫耀
而是明证
不是结束
而是开始

Years test quality,
quality builds credibility,
integrity makes the future.



OUR SERVICE 我们的服务

售前 服务

- 免费提供国内外项目分析
- 免费提供国内外行业信息
- 免费提供工厂的设计图纸
- 免费提供成套设备的平面布置图
- 免费提供工厂电气路布置图及现场安装指导

售中 服务

- 免费安装、调试设备
- 免费培训操作及使用
- 免费培训门窗制作技术
- 免费培训工厂维修工程师

售后 服务

- 设备整机保修 12 个月，终生维修，定期维护保养
- 重点地区提供 24 小时即时服务
- 向国内提供及时快捷的零配件供应
- 提供网上“门诊”为客户解答技术难题

管理“三化”同步，坚定赋新

规范化

国际化

标准化

规范化

5S 管理、精益生产

国际化

市场国际化、人才国际化、管理国际化

标准化

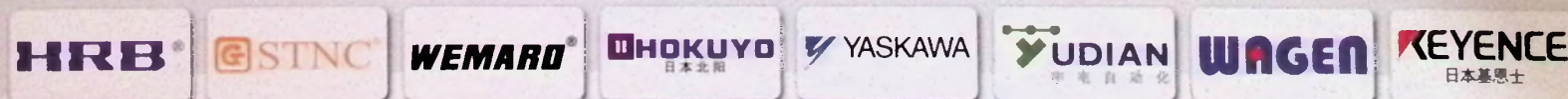
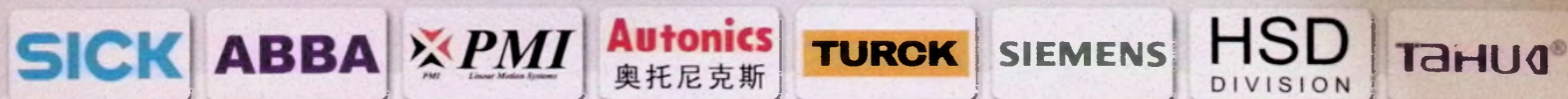
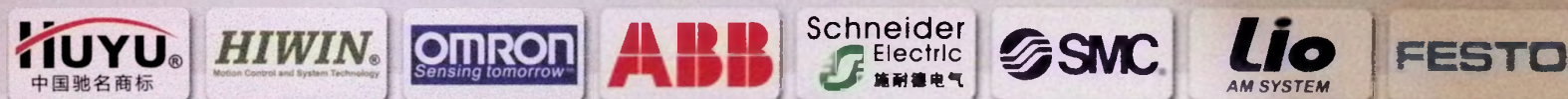
国家及行业标准制定、技术平台标准化建设等

OUR PARTNERS

我们的伙伴

合作伙伴 **30** +

振飞与诸多公司建立良好的合作伙伴关系，互利共赢，共创未来。



ZLC5-CNC-7000

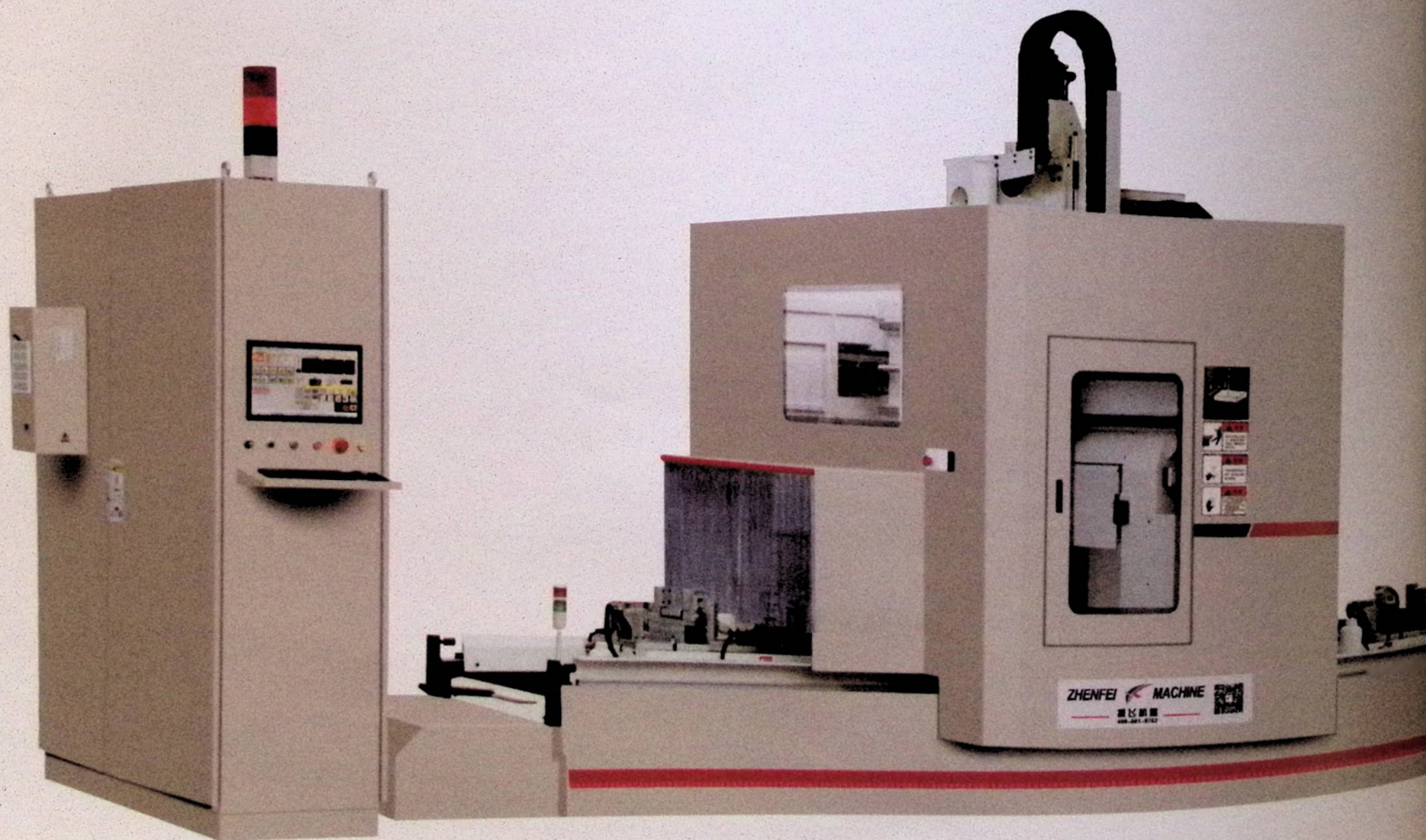
高速五轴加工中心

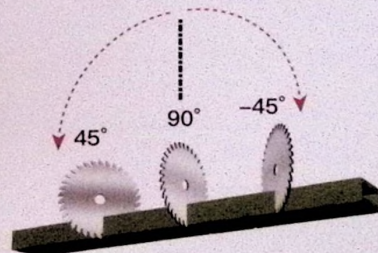
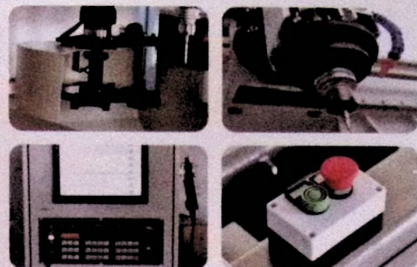
High-speed 5-axis machining center

可定制

ZLC4-CNC-7000 高速四轴加工中心

ZLC3-CNC-7000 高速三轴加工中心





性能特点 Main Feature

- 本机可实现原材料一次装夹，根据加工图样，分别完成切割、铣端面、铣口、铣倒角、流水槽、气压平衡孔、安装孔等多道工序加工，真正实现“一个人的门窗加工系统”，满足客户对门窗的个性化定制。
- 适用于各种铝、铜、PVC、工业型材等复杂零件的加工。
- 采用动梁立柱龙门框架式结构，运行更平稳，提高了机床的加工刚性。
- 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。
- 本机采用进口的五轴铣头，能完成除底面外其余各面上任意角度加工，推刀式自动换刀，可选立式圆盘式刀库。
- 采用定量定时中央集中自动进给润滑方式确保了机床精度的稳定。
- 采用气动装夹工作台提高装夹速度。可选配T型工作台。
- 采用安全防护功能，确保安全。

- The machine can realize a material clamping, according to the processing needs, respectively, to complete the cutting, milling tenon mouth, milling lock hole slot, flow trough, pressure balance hole, mounting holes and other processes, and truly achieve "a person's windows and doors processing system" To meet the customer's personalized custom windows and doors.
- For a variety of aluminum, copper, PVC, industrial profiles and other complex parts processing.
- Adopting movable beam gantry frame structure, the operation is more stable and the machining rigidity of the machine tool is improved.
- The use of high-quality imported servo motor, ball screw, linear guide and vice agencies such as bearings to ensure that the equipment has a high precision machining. High stability, reliability. Pre-stretching feed movement to ensure the stability of processing accuracy.
- The machine uses imported five-axis milling head, to complete the bottom surface of the remaining surface of any angle processing. Automatic knife-row tool change, optional vertical disc magazine.
- The use of quantitative timing of the central centralized automatic feed lubrication to ensure the stability of the machine accuracy.
- Pneumatic clamping table to improve loading and unloading speed. Optional T-table.
- Adopt safety protection function to ensure safety.

技术参数 Technical Parameter

X轴行程	X-axis stroke	2000mm
Y轴行程	Y-axis stroke	1000mm
Z轴行程	Z-axis stroke	550mm
B轴回转范围	B axis rotation range	±180°
C轴回转范围	C axis rotation range	±320°
主轴最高转速	Spindle speed	2400r/min
主轴功率	Spindle power	12kW
主轴锥孔	Spindle taper	HSK-B30
刀库形式	Tool storage unit type	圆盘式 Turntable
刀库容量	Tool magazine capacity	11
润滑/冷却系统	Lubricating/cooling system	自动润滑/微量润滑/雾化冷却/雾化冷却
X轴移动速度	X axis moving speed	0~60m/min
Y/Z轴移动速度	Y/Z axis moving speed	0~4m/min
B轴运行速度	B axis running speed	Max. 7°/s
C轴运行速度	C axis running speed	Max. 7°/s
电源	Power supply	380V/220V 50Hz
气压需求	Air pressure demand	0.5~0.8MPa
占地面积	Floor space	9500×3000mm
重量	Weight	11000kg

ZGX-CNC-A1

铝型材智能锯切中心

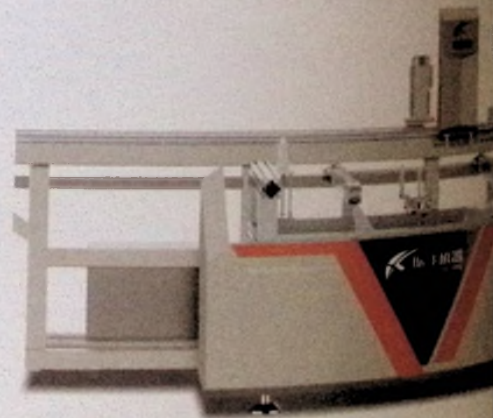
Intelligence Cutting Center for Aluminum Profile

性能特点 Main Feature

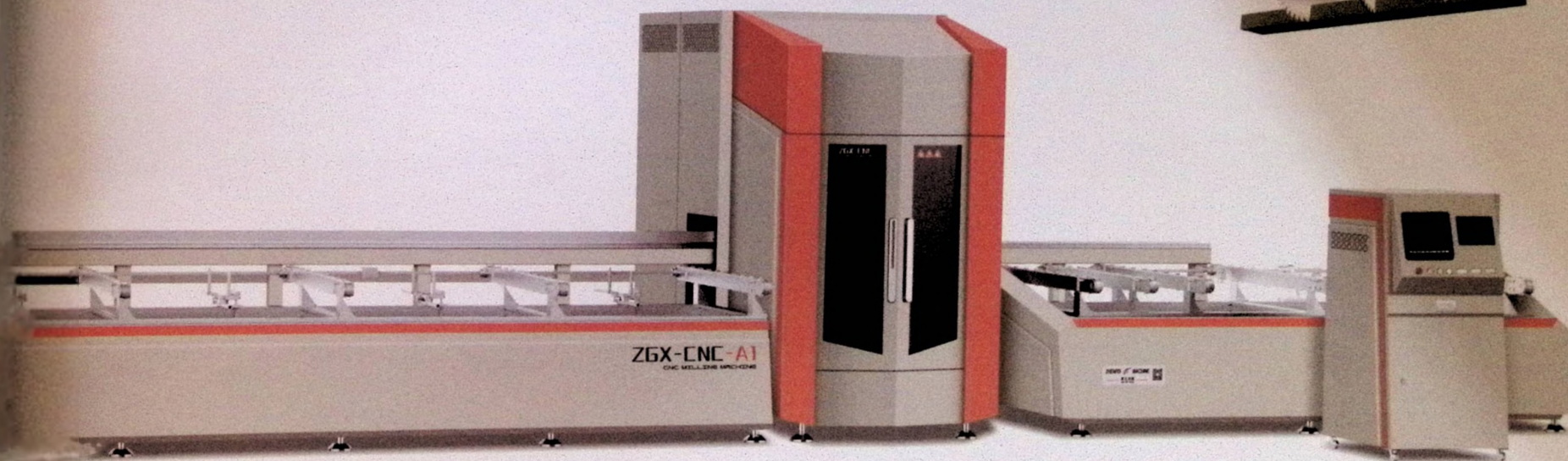
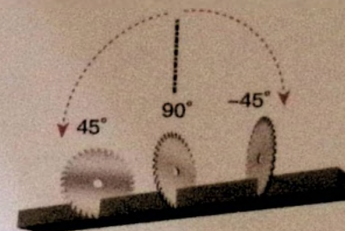
- 适用于门窗断桥铝型材的批量加工，可实现对型材 90° 45° 的切割。
- 六轴数控伺服电机，通过存储不同型材数据，送料段机械手抓料位置可根据不同型材的腔体大小自动调节。
- 配备排屑机，循环收集废料头，提高工作区域整洁度。
- 控制部分可与门窗优化软件相连，直接读取或下载优化数据。
- 采用国产成熟控制系统，读取数据功能更加完善。
- 电箱内置云端监控，可连接安卓系统远程查看设备运行状态，方便及时排除故障。
- 工作气压自动检测，低压自动报警。
- 高清显示器可实时播放机头锯切画面，监控机头运行状态。
- 可选配条码打印机或自动打标机。
- Suitable for batch processing of broken bridge aluminum profiles for doors and windows, capable of cutting profiles at 90° 45°.
- Six axis CNC servo motor, which stores data of different profiles, can automatically adjust the gripping position of the robotic arm in the feeding section according to the cavity size of different profiles.
- Equipped with a chip removal machine to recycle and collect waste heads, improving the cleanliness of the work area.
- The control part can be connected to the door and window optimization software to directly read or download optimization data.
- Adopting a mature domestic control system, the data reading function is more complete.
- The electric box is equipped with cloud monitoring, which can be connected to the Android system to remotely view the device's operating status, facilitating timely troubleshooting.
- Automatic detection of working air pressure and automatic alarm for low pressure.
- The high-definition display can display real-time cutting images of the machine head and monitor the operation status of the machine head.
- Optional barcode printer or automatic marking machine.

技术参数 Technical Parameter

电源电压	Power supply voltage	380V/50Hz
锯切电机功率/转速	Total power/Motor speed	3x2.2kW 2800r/min
工作气压/耗气量	Working air pressure/Air consumption	0.5-0.8MPa 250L/min
下料长度	Cutting length	500-5000mm
切割宽度×高度	Cutting width×height	100×100mm
进刀速度	Feeding speed	无级调速 0-3m/min
锯切角度	Cutting angle	45°、90°
锯片规格	Saw blade specification	Φ550(500)×5xΦ30 Z=144
长度下料精度	Length blanking accuracy	±0.1mm
型材原料长度	Section material length	6000-6200mm
送料区存储毛坯型材数量	The feeding area stores the number of profiles	9根
送料机械手行程	Travel of feeding manipulator	约7000mm
送料机械手行程	Trip of discharging manipulator	约1500mm
机械手运行速度	Running speed of manipulator	0-40mm/min
锯片垂直运行速度	Vertical speed of saw blade	0-15m/min
切割效率	Cutting efficiency	平均10秒/支
外形尺寸	Overall dimension	12000×3770×2330mm
整机重量	Weight	4000kg



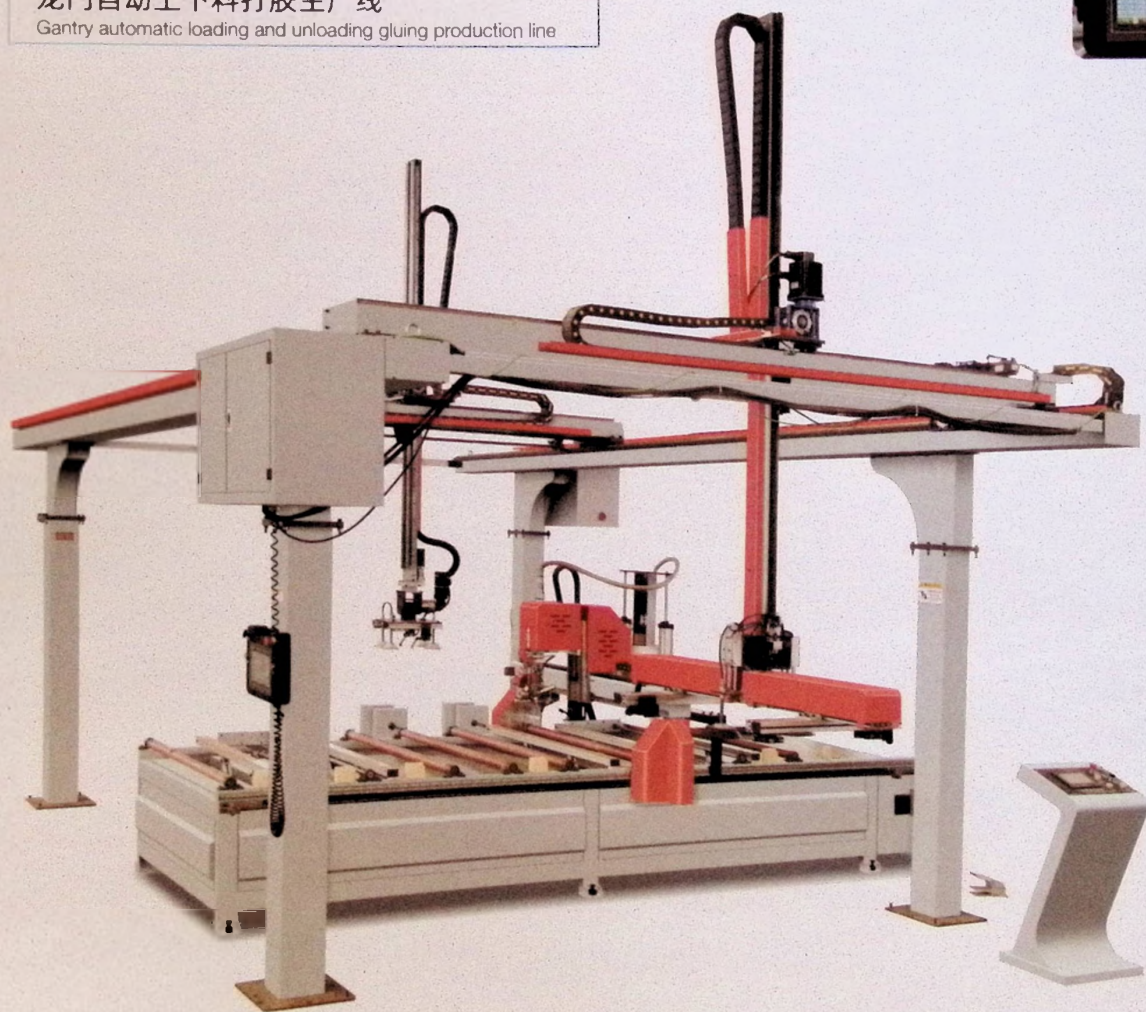
适用于铝门窗型材的批量加工，刀具使用硬质合金齿锯片，切削速度高，生产率高，加工精度高。
It is suitable for batch processing of aluminum door and window profiles. The tool uses carbide-tooth saw blades, which has high cutting speed, high productivity and high machining accuracy.



DJX-3000

龙门自动上下料打胶生产线

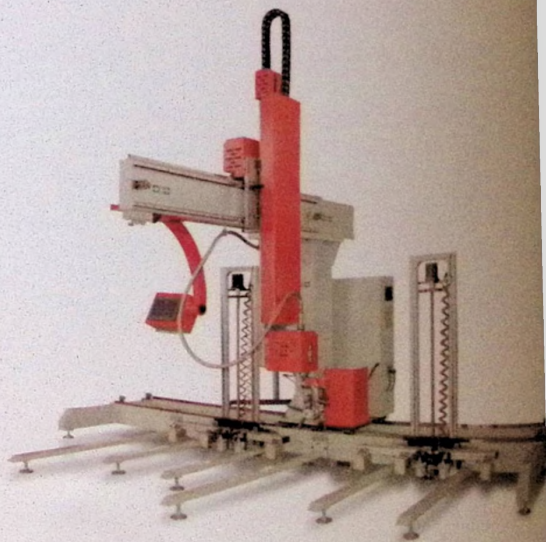
Gantry automatic loading and unloading gluing production line



XDJJ-02

悬臂式多工位门窗自动打胶

Cantilever type multi-station automatic gluing



DJX-3000 龙门自动上下料打胶生产线

性能特点 Main Feature

- 一种自动翻转、自动上下料、自动打胶生产线。
- 主要由龙门部分和自动打胶机组成。
- 龙门部分主要由自动翻转部分、窗扇缓存架、龙门夹手部分和电控部分组成。
- 自动打胶部分由自动打胶机组成。

技术参数 Technical Parameter

龙门上下料翻转机械手 / Robot parameters

电源	Power supply	380V/50Hz
工作压力	Working air pressure	0.5-0.8MPa
耗气量	Air consumption	200L/min
输入功率	Input power	9.5KW
抓取范围	Crawl range	1300mm(根据实际可定制)
抓取重量	Grab weight	约150kg
设备尺寸	Overall dimension	8000×4000×4000mm

- A production line with automatic flipping, automatic loading and unloading, and automatic gluing.
- It mainly consists of a gantry part and an automatic gluing machine.
- The gantry part mainly consists of an automatic flipping part, a window sash buffer frame, a gantry gripper part, and an electronic control part.
- The automatic gluing part is composed of an automatic gluing machine.

自动打胶机 / Automatic gluing machine

电源	Power supply	220V/50Hz
工作压力	Working air pressure	0.6-0.8MPa
窗扇厚度	Thickness of window sash	≤150mm
型材厚度	Profile thickness	≥18mm
玻璃与型材间隙	Clearance between glass and frame	≤4mm (且间隙高度相等)
打胶速度	Glue speed	6-8m/min
外形尺寸	Overall dimension	3800×2100×1800mm

XDJJ-02 悬臂式多工位门窗自动打胶

性能特点 Main Feature

- 本设备用于门窗密封打胶，可以自动感应玻璃大小、玻璃高度，自动涂胶，普通工人就可操作，无需打胶师傅。
- 逐层打胶，省去二次搬架麻烦，解决胶未干，搬架变形问题，打胶完毕，整架拉走。
- 可根据需要多工位循环打胶，提高效率，单班打胶 500-800 扇。
- 设备打胶均匀美观，拐角 45 度，密封性能好。
- 采用单组份硅酮密封胶 (25 公斤 / 桶、20 升)，此胶弹性好，强度大是代替传统门窗胶条的理想选择，桶装胶价格比成支包装胶价格低 5% 左右。
- 针对内开百叶窗扇，可以实现三边打胶。

技术参数 Technical Parameter

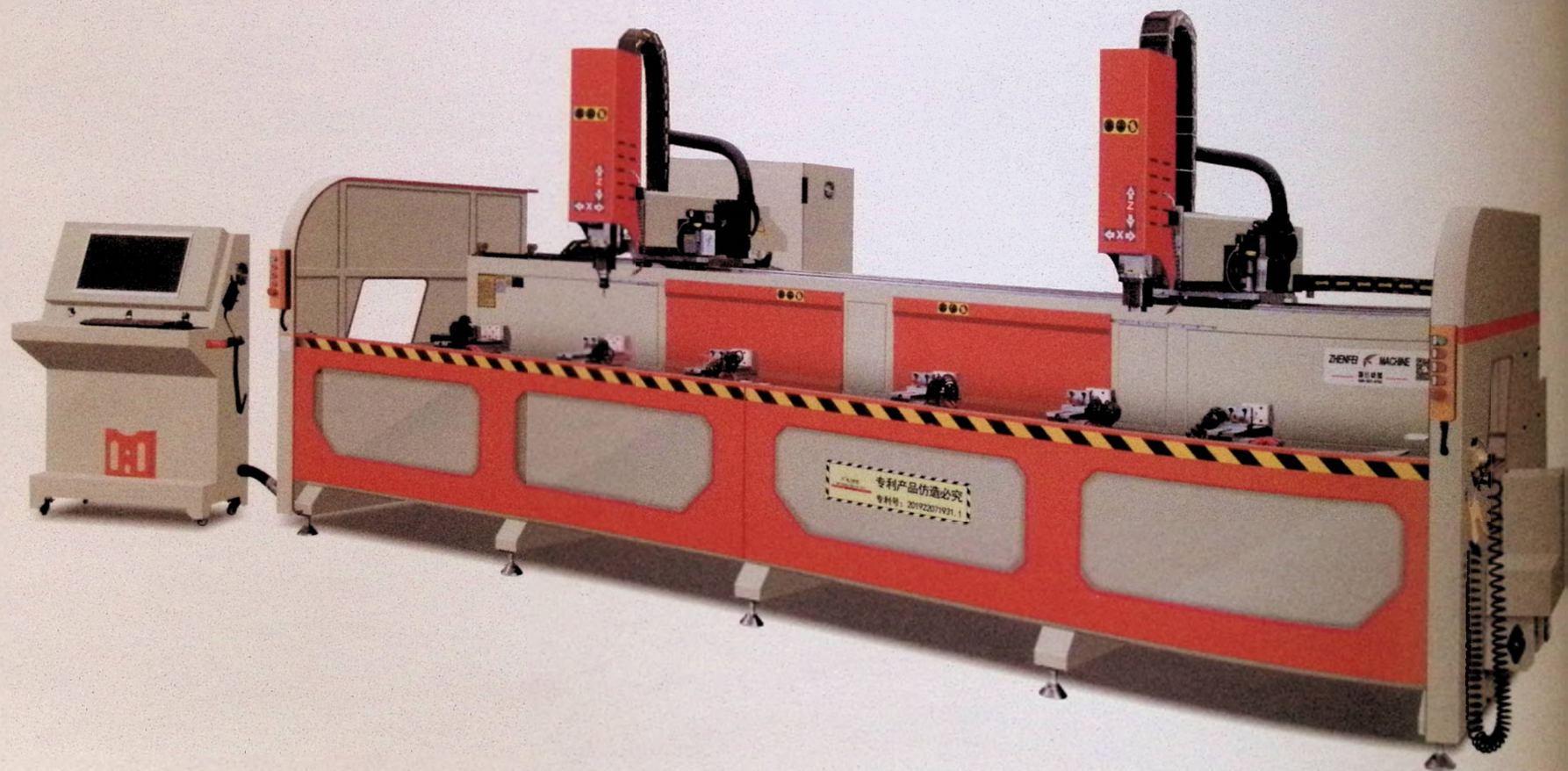
电源	Power supply	220V(±10%) / 50Hz	设备更换时间	Replacement time	≤10s
工作压力	Working air pressure	0.6-0.8MPa	胶水	Glue	单组份中性硅酮密封胶
工作温度	Operation temperature	-15℃ ~ 55℃	每桶胶水容量	Glue capacity per barrel	20L / 桶
门窗高度检测	Door and window height detection	自动 Auto	型材打胶位置厚度	Thickness of gluing position	≥2mm
门窗玻璃大小检测	Door and window glass size detection	自动 Auto	玻璃与型材间隙	Gap between glass and profile	≤5mm (特殊可定制)
涂胶量	Spread	涂胶均匀，胶量大小可调，节胶 30% 以上	门窗最大尺寸(外框)	Max. size of door leaf (outer frame)	L:8750mm W:1250mm
运行速度	Normal speed	7-12m/min			

- This equipment is used for sealing and gluing doors and windows. It can automatically sense the size and height of the glass, and automatically apply glue. It can be operated by ordinary workers without the need for a gluing master.
- Apply glue layer by layer, saving the trouble of secondary fan moving, solving the problem of glue not drying and fan deformation during moving. After applying glue, pull the entire stack away.
- Multiple workstations can be used for cyclic gluing as needed to improve efficiency, with a single shift of 500-800 gluing fans.
- The equipment is evenly and aesthetically sealed, with a 45 degree corner and good sealing performance.
- Using a single component silicone sealant (25 kg/barrel, 20 liters), this adhesive has good elasticity and high strength, making it an ideal choice to replace traditional door and window adhesive strips. The price of barrel packaging adhesive is about 5% lower than that of bulk packaging adhesive.
- For built-in louver sashes, it is possible to achieve three-sided gluing.

ZSHD-CNC-4000

六轴加工中心

Six-axis machining center



性能特点 Main Feature

- 六轴数控、两套系统。
- 用于铝合金型材的钻孔、铣槽、圆孔、异形孔、平面雕刻等加工。
- 该机采用台达数控系统，可完成型材不同规格尺寸的连续自动铣削。
- 采用伺服电机，上电回参后，可直接加工。
- 采用标准机床加工系统，系统画面显示更全面，方便操作。
- 主轴采用天域换刀主轴，精度高，安全性好，可靠性高。
- 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，精度高。
- 通过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。
- 抽屉式刀库含对刀仪，换刀后可以实现自动对刀，保障不间断连续加工。
- 配有直角角度头，不需要翻转工作台，型材一次装夹可以实现三面加工，加工深通孔（异形孔）时，通过自动更换角度头实现深孔加工，效率高，精度高。解决了因加工长型材，翻转工作台变形的问题。
- 机械加工件全部时效处理。

- Six-axis CNC, two sets of systems.
- Used for drilling, milling grooves, round holes, special-shaped holes, plane engraving and other processing of aluminum alloy profiles.
- The machine adopts Delta CNC system, which can complete continuous automatic milling of different specifications and sizes of profiles.
- Servo motor is used, and it can be processed directly after power-on and return to parameter.
- Using standard machine tool processing system, the system screen display is more comprehensive and easy to operate.
- The main shaft adopts Tianyu tool-changing main shaft, which has high precision, good safety and high reliability.
- The X-axis adopts high-precision helical gear, helical rack transmission; Y-axis, Z-axis adopts high-precision ball screw transmission, stable transmission, high precision.
- Automatic conversion and processing of G codes through programming software, simple operation, high efficiency, and low labor intensity.
- The drawer type tool magazine contains a tool setting instrument, which can realize automatic tool setting after changing the tool to ensure uninterrupted continuous processing.
- Equipped with a right angle angle head, no need to turn the worktable, the profile can be processed on three sides at one time. When processing deep through holes (abnormal holes), deep hole processing can be realized by automatically changing the angle head, with high efficiency and high precision. The problem of deformation of the turning table due to processing of long profiles is solved.
- All machined parts are treated with aging.

技术参数 Technical Parameter

电源	Power supply	380V/50Hz
主轴电机功率	Spindle motor power	2×9kW
电机转速	Motor speed	0~18000r/min
工作气压	Working air pressure	0.5~0.8MPa
X轴加工行程	X-axis machining stroke	4000mm
Y轴加工行程	Y-axis machining stroke	200mm
Z轴加工行程	Z-axis machining stroke	200mm
X轴进给速度	X-axis feed speed	40m/min
Y轴进给速度	Y-axis feed speed	20m/min
Z轴进给速度	Z-axis feed speed	15m/min
耗气量	Air consumption	500L/min
外形尺寸	Overall dimension	5500×1800×2200mm

JXS-01

全自动玻璃上下片机械手

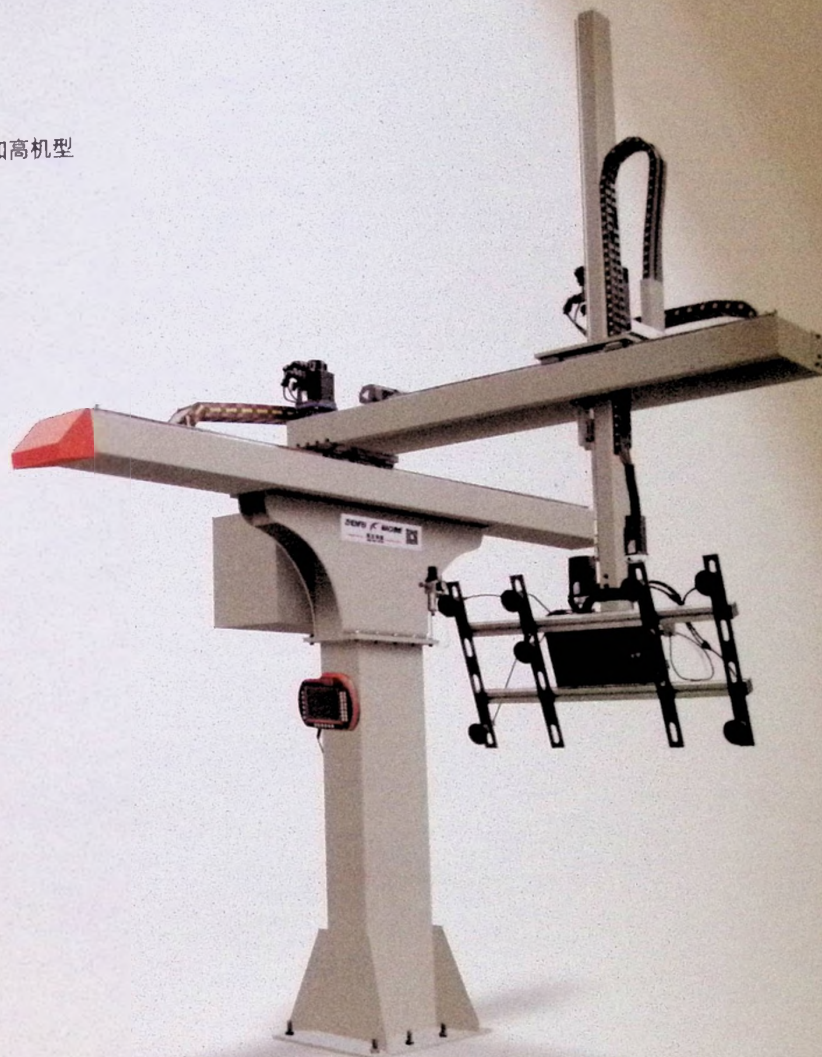
Full-automatic glass handing manipulator

可定制

根据客户需求定制加长加高机型

性能特点 Main Feature

- 适用于玻璃生产工序的自动上下片以及各种工况下的玻璃搬运作业，省人省力，安全高效。
- 本机适用于中空玻璃设备、清洗机、磨边机等设备的玻璃上下片取料。
- 系统采用五轴机械手数控系统，操作简单，安全可靠。
- 五轴运动全部采用伺服电机，精度高，安全性好，可靠性高。
- 操作采用触摸屏控制，画面简单易懂。
- 运动单元采用进口导轨滑块。
- 该机设有缺料自动报警、吸盘欠压等待、停电保护等功能，安全系数极高。
- 采用优质真空吸盘，负压值高，吸力足，玻璃吸附牢稳不脱落。
- 可根据客户需求定制尺寸加长加高。
- Used for automatic loading and unloading of glass at the front end of glass production process and glass handing operation under various working conditions, saving people and labor, and being safe and efficient.
- This machine is suitable for the upper and lower glass reclaiming of Insulating glass equipment, washing machines, edging machines and other equipment.
- The system adopts a five-axis manipulator numerical control system, which is easy to operate, safe and reliable.
- All five-axis movements adopt servo motors, which have high precision, good safety and high reliability.
- The operation adopts touch screen control, the screen is simple and easy to understand.
- The movement unit adopts imported linear guide slider.
- The machine is equipped with automatic alarm for lack of material, waiting for under-voltage of the suction cup, power failure protection and other functions, and the safety factor is extremely high.
- Using high-quality vacuum suction cups, high negative pressure value, sufficient suction force, the glass is firmly adsorbed and does not fall off.
- The size can be lengthened and heightened according to customer needs.



技术参数 Technical Parameter

型号 Model	电源 Power supply	总功率 Total power	主轴转速 Main axis rev	工作压力 Working air pressure	X/Y/Z/V/W轴工作有效行程 X/Y/Z/V/W-axis working effective stroke	X/Y/Z轴运行速度 X/Y/Z axis running speed	最大抓取玻璃尺寸 Max. grab glass size	最小抓取玻璃尺寸 Min. grab glass size	抓取重量 Grab weight	外形尺寸 Overall dimension
JXS-01	380V/50Hz	5.5kW	0-18000/min	0.6-0.8MPa	1500/2800/1800/0-270/0-270mm	30m/min	2000×2500mm	500×200mm	100kg	3700×2915×3350mm

ZSHD-CNC-2400

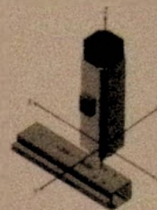
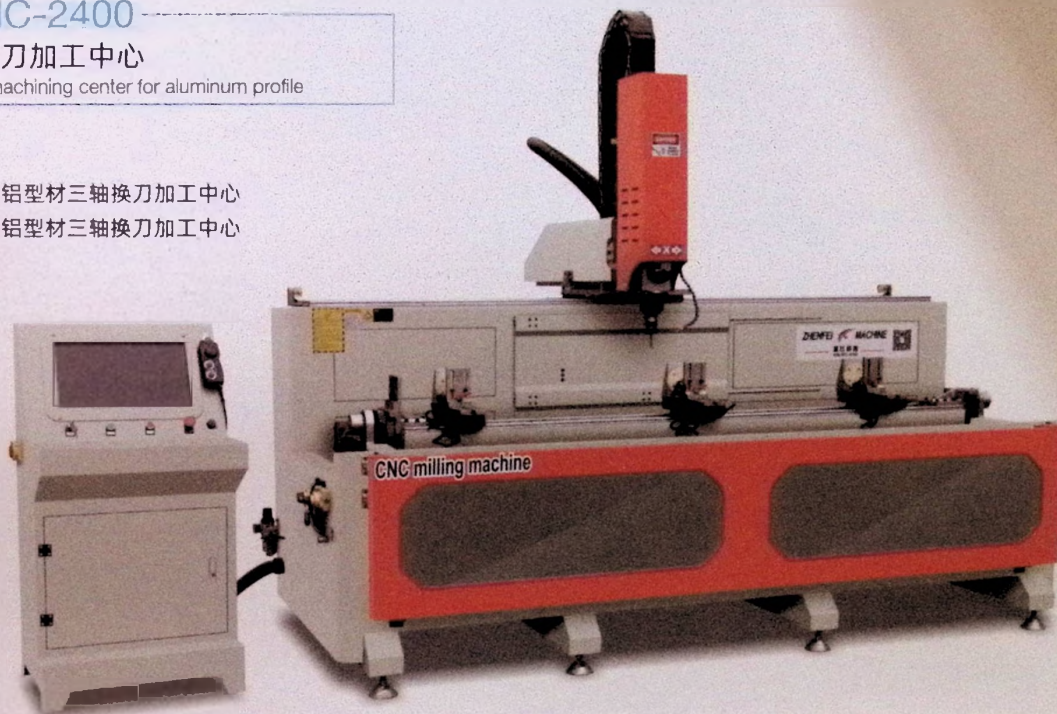
铝型材三轴换刀加工中心

3-axis tool change machining center for aluminum profile

可定制

ZSHD-CNC-3600 铝型材三轴换刀加工中心

ZSHD-CNC-7000 铝型材三轴换刀加工中心



性能特点

- 该机采用新代数控系统，可完成型材不同规格尺寸的连接自动铣削。
- 采用新代伺服电机，具有绝对值功能，上电后不需回参，可直接加工。
- 采用菲利浦 19.5 寸液晶显示屏，系统画面显示更全面，方便操作。
- 主轴采用意大利主轴，精度高，安全性好，可靠性高。
- X 轴采用高精度蜗轮蜗杆，斜齿传动，Y 轴、Z 轴采用高精度滚珠丝杠传动，传动平稳，精度高。
- 通过编程软件实现换刀加工 G 代码，操作简单，效率高，劳动强度低。
- 配置 8 位刀库对刀，换刀后可以自动对刀，保障不同连续加工。
- 工作台自动反转 -90°、0°、90°，型材一次装夹可以实现三面加工。加工深通孔（异形孔）时，通过工作台翻转实现钻孔加工，效率高，精度高。机械加工件全部时效处理。

Main Feature

- The machine adopts Syntec numerical control system, which can complete continuous automatic milling of different specifications and sizes of profiles.
- The Syntec servo motor is used with absolute value function, and it can be processed directly without returning to the parameter after power-on.
- Philip's 19.5-inch LCD screen is used, the system screen display is more comprehensive and easy to operate.
- The main shaft adopts Italian main shaft with high precision, good safety and high reliability.
- The X-axis adopts high-precision helical gears and helical rack transmission, and the Y-axis and Z-axis adopts high-precision ball screw transmission. The transmission is stable and the accuracy is high.
- Automatic conversion and processing of G codes through programming software, simple operation, high efficiency, and low labor intensity.
- The drawer-type 8-bit tool magazine includes a tool setting instrument, which can realize automatic tool setting after tool change to ensure uninterrupted continuous processing.
- The worktable automatically reverses -90°, 0°, 90°, and the profile can be processed on three sides in one clamping. When processing deep through holes (abnormal-shaped holes), deep hole processing is realized by turning the worktable, with high efficiency and high precision. All machined parts are treated with aging.

技术参数 Technical Parameter

型号 Model	电源 Power supply	主轴功率 Main axis power	主轴转速 Main axis rpm	工作气压 / 耗气压 Working air pressure / Air consumption	X轴行程 / 移动速度 X-axis travel / Speed	Y轴行程 / 移动速度 Y-axis travel / Speed	Z轴行程 / 移动速度 Z-axis travel / Speed	外形尺寸 Overall dimension
ZSHD-CNC-2400	380V/50Hz	9.0kW	0~1600r/min	0.5~0.8MPa 250L/min	2400mm / 0~40m/min	200mm / 0~20m/min	180mm / 0~20m/min	2800×1800×2200mm
ZSHD-CNC-7000	380V/50Hz	9.0kW	0~1800r/min	0.6~0.8MPa 250L/min	6500mm / 0~40m/min	300mm / 0~20m/min	200mm / 0~20m/min	7100×1800×2600mm

ZSD-CNC-2400

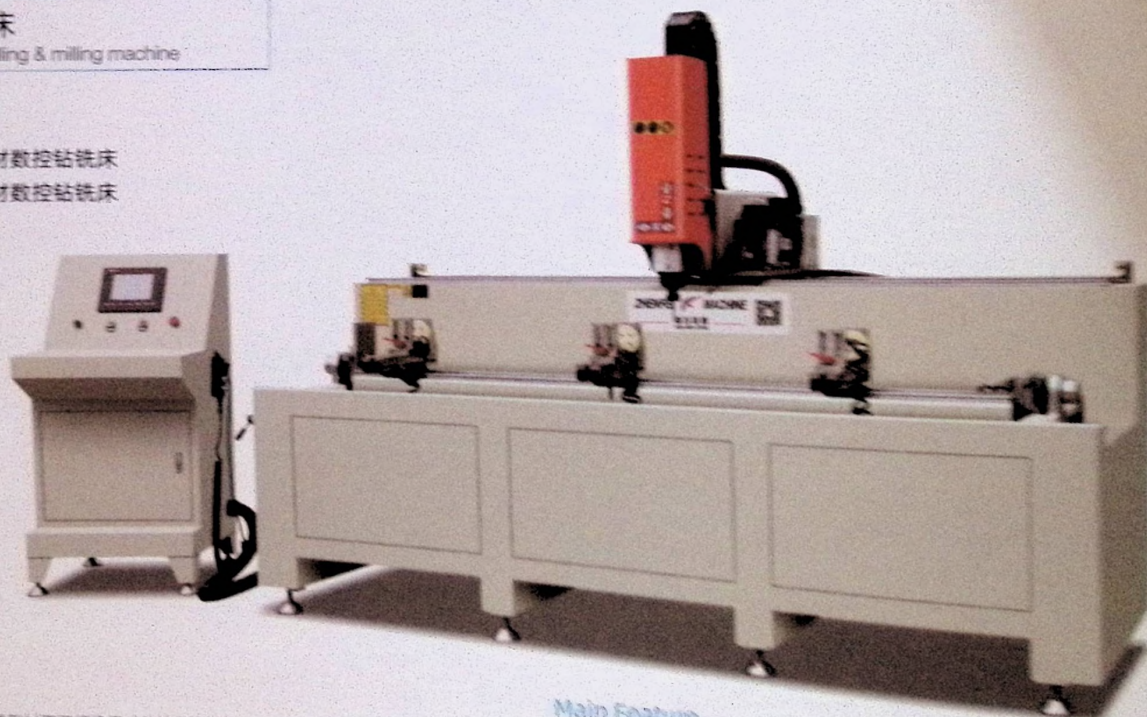
铝型材数控钻铣床

Aluminum profile CNC drilling & milling machine

可定制

ZSD-CNC-3600 铝型材数控钻铣床

ZSD-CNC-7000 铝型材数控钻铣床



性能特点

- 该机采用新代数控系统，可完成型材不同规格尺寸的连续自动铣削。
- 主轴采用意大利主轴，精度高，安全性好，可靠性高。
- X轴采用高精度斜齿轮，斜齿传动，Y轴、Z轴采用高精度滚珠丝杠传动，传动平稳，精度高。
- 通过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。
- 工作台自动反转-90°、0°、90°，型材一次装夹可以实现三面加工。加工深通孔（异形孔）时，通过工作台翻转实现深孔加工，效率高，精度高。
- 机械加工件全部时效处理。

Main Feature

- The machine adopts Synec numerical control system, which can complete continuous automatic milling of different specifications and profiles.
- The main shaft adopts Italian main shaft with high precision, good safety and high reliability.
- The X-axis adopts high-precision helical gears and helical rack transmission, and the Y-axis and Z-axis adopt high-precision ball screw transmission, which ensures smooth transmission and high precision.
- Automatic conversion and processing of G code through programming software, simple operation, high efficiency, and low labor intensity.
- The worktable automatically reverses -90°, 0°, 90°, and the profile can be processed on three sides in one clamping. When processing deep through holes (异形孔), the deep hole processing is realized by turning the worktable, with high efficiency and high precision.
- All machined parts are treated with aging.

技术参数 Technical Parameter

型号 Model	电源 Power supply	主轴功率 Input power	主轴转速 Main axis rev	工作气压/耗气量 Working air pressure/Air consumption	X轴行程/移动速度 X-axis travel / Speed	Y轴行程/移动速度 Y-axis travel / Speed	Z轴行程/移动速度 Z-axis travel / Speed	最大尺寸 Overal dimension
ZSD-CNC-2400	380V/50Hz	6.0KW	0-18000/min	0.6-0.8MPa 250L/min	2400mm / 0-400mm/min	2000mm / 0-200mm/min	1700mm / 0-20mm/min	3800*1800*2000mm
ZSD-CNC-7000	380V/50Hz	6.0KW	0-18000/min	0.6-0.8MPa 250L/min	6000mm / 0-400mm/min	3000mm / 0-200mm/min	300mm / 0-20mm/min	7000*1800*2000mm

ZSD-CNC-800

铝型材数控钻铣床

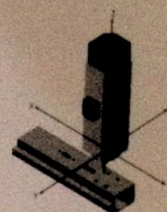
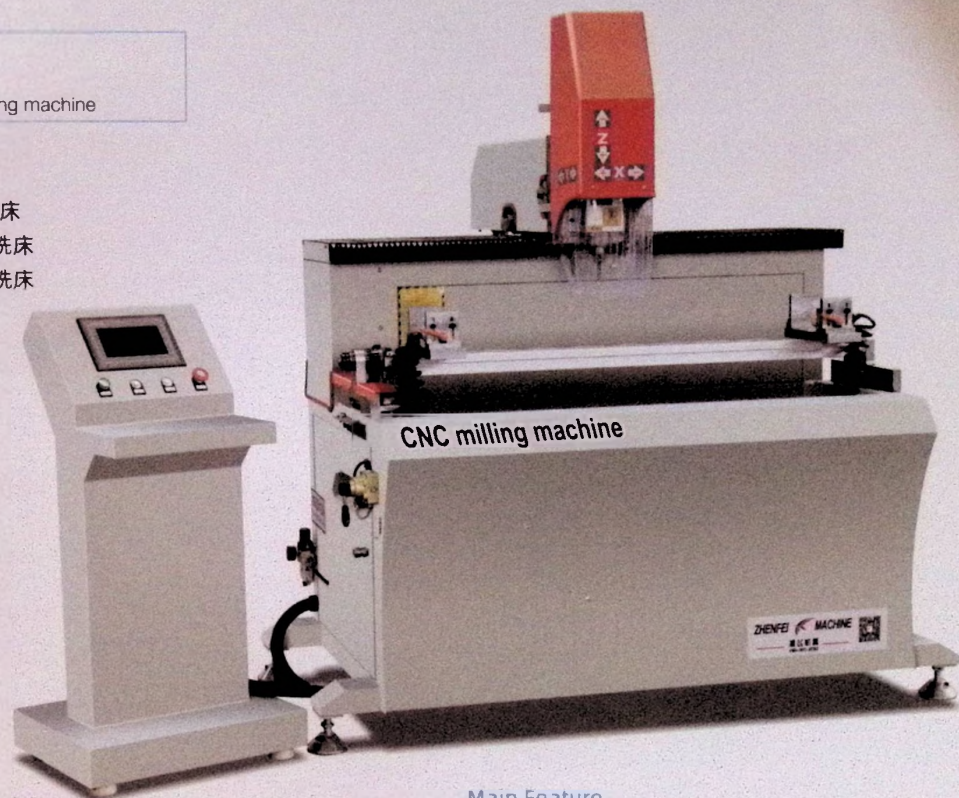
Aluminum profile CNC drilling & milling machine

可定制

ZSD-CNC-500 铝型材数控钻铣床

ZSD-CNC-1200 铝型材数控钻铣床

ZSD-CNC-1500 铝型材数控钻铣床



性能特点

- 该机采用台湾数控系统，可完成型材不同规格尺寸的连续自动铣磨。
- 主轴采用硬齿，安全性好，可靠性高。
- X轴、Y轴、Z轴采用高精度滚珠丝杠传动，传动平稳，精度高。
- 通过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。
- 工作台自动反转-90°、0°、90°，型材一次夹紧可以实现三面加工。加工深通孔（异形孔）时，通过工作台翻转实现深孔加工，效率高，精度高。
- 机加工作全部时效处理。

Main Feature

- The machine adopts a Taiwan numerical control system, which can complete continuous automatic milling of different specifications and sizes of profiles.
- The spindle has high precision, good safety and high reliability.
- The X-axis, Y-axis, and Z-axis are driven by high-precision ball screws with stable transmission and high precision.
- Automatic conversion and processing of G codes through programming software, simple operation, high efficiency, and low labor intensity.
- The worktable automatically reverses -90°, 0°, 90°, and the profile can be processed on three sides in one clamping. When processing deep through holes (abnormal shaped holes), deep hole processing is realized by turning the worktable, with high efficiency and high precision.
- All machined parts are treated with aging.

技术参数 Technical Parameter

型号 Model	电源 Power supply	主机电源 Input power	主轴转速 Main axis RPM	工作压力/耗气量 Working air pressure/Air consumption	X轴行程/移动速度 X-axis travel / Speed	Y轴行程/移动速度 Y-axis travel / Speed	Z轴行程/移动速度 Z-axis travel / Speed	外形尺寸 Overall dimension
ZSD-CNC-800	380V/50Hz	3.5kW	0-18000/min	0.5-0.8MPa 250L/min	800mm / 0-40m/min	100mm / 0-20m/min	120mm / 0-20m/min	2200x1500x2000mm
ZSD-CNC-1500	380V/50Hz	3.5kW	0-18000/min	0.5-0.8MPa 250L/min	1500mm / 0-40m/min	100mm / 0-20m/min	120mm / 0-20m/min	3200x1500x2000mm

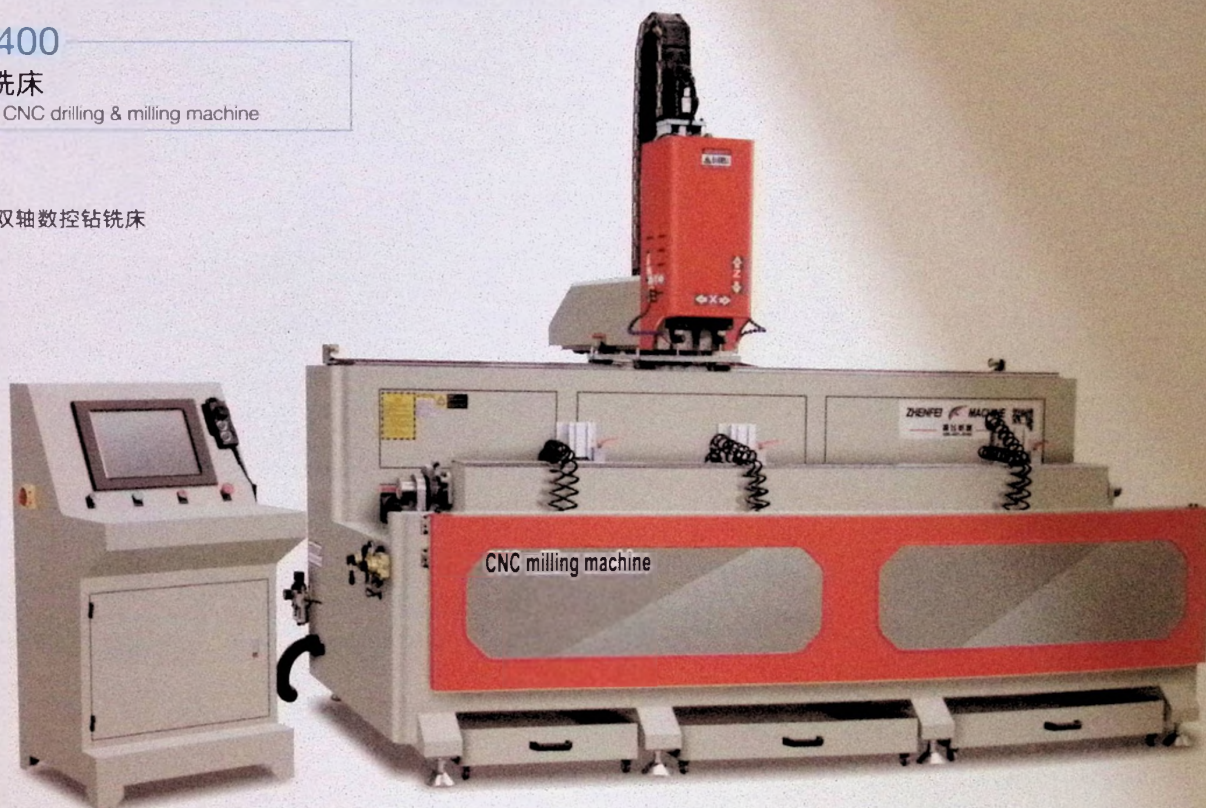
ZSSD-CNC-2400

铝型材双轴数控钻铣床

Aluminum profile double-axis CNC drilling & milling machine

可定制

ZSSD-CNC-1000 铝型材双轴数控钻铣床



性能特点

- 该机床采用自主研发数控系统，一次夹装，可完成铝型材天地铰链的孔槽加工。
- 双主轴采用上海深亚主轴，精度高，安全性好，可靠性高。
- X轴采用高精度伺服电机，齿条齿传动，Y轴、Z轴采用高精度滚珠丝杠传动，传动平稳，精度高。
- 通过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。
- 工作台自动反转-90°、0°、90°，型材一次装夹可以实现三面加工。加工深孔（异形孔）时，通过工作台翻转实现深孔加工，效率高，精度高。
- 机械加工件全部时效处理。

技术参数 Technical Parameter

型号 Model	电源 Power supply	主轴功率 Input power	主轴转速 Main axis rev	工作气压/耗气量 Working air pressure/Air consumption	X轴行程/移动速度 X-axis travel / Speed	Y轴行程/移动速度 Y-axis travel / Speed	Z轴行程/移动速度 Z-axis travel / Speed	外形尺寸 Overall dimensions
ZSSD-CNC-2400	380V/50Hz	2×6.0kW	0-18000r/min	0.5-0.8MPa 250L/min	2400mm / 0-40m/min	300mm / 0-20m/min	200mm / 0-20m/min	2800×1500×1500mm
ZSSD-CNC-1000	380V/50Hz	2×3.5kW	0-18000r/min	0.5-0.8MPa 250L/min	1000mm / 0-40m/min	100mm / 0-20m/min	120mm / 0-20m/min	2200×1500×2000mm

Main Feature

- This machine adopts a self-developed numerical control system, which can complete the hole and groove processing of the rings of the cabinet door in one clamping.
- The double spindle adopts Shanghai Shenyi spindle, which has high precision, good safety and high reliability.
- The X-axis adopts high-precision helical gears and helical rack transmission, and the Y-axis and Z-axis adopts high-precision ball screw transmission, which ensures smooth transmission and high precision.
- Automatic conversion and processing of G codes through programming software, simple operation, high efficiency, and low labor intensity.
- The worktable automatically reverses -90°, 0°, 90°, and the profile can be processed on three sides in one clamping. When processing deep through holes (abnormal-shaped holes), deep hole processing is realized by turning the worktable, with high efficiency and high precision.
- All machined parts are treated with aging.

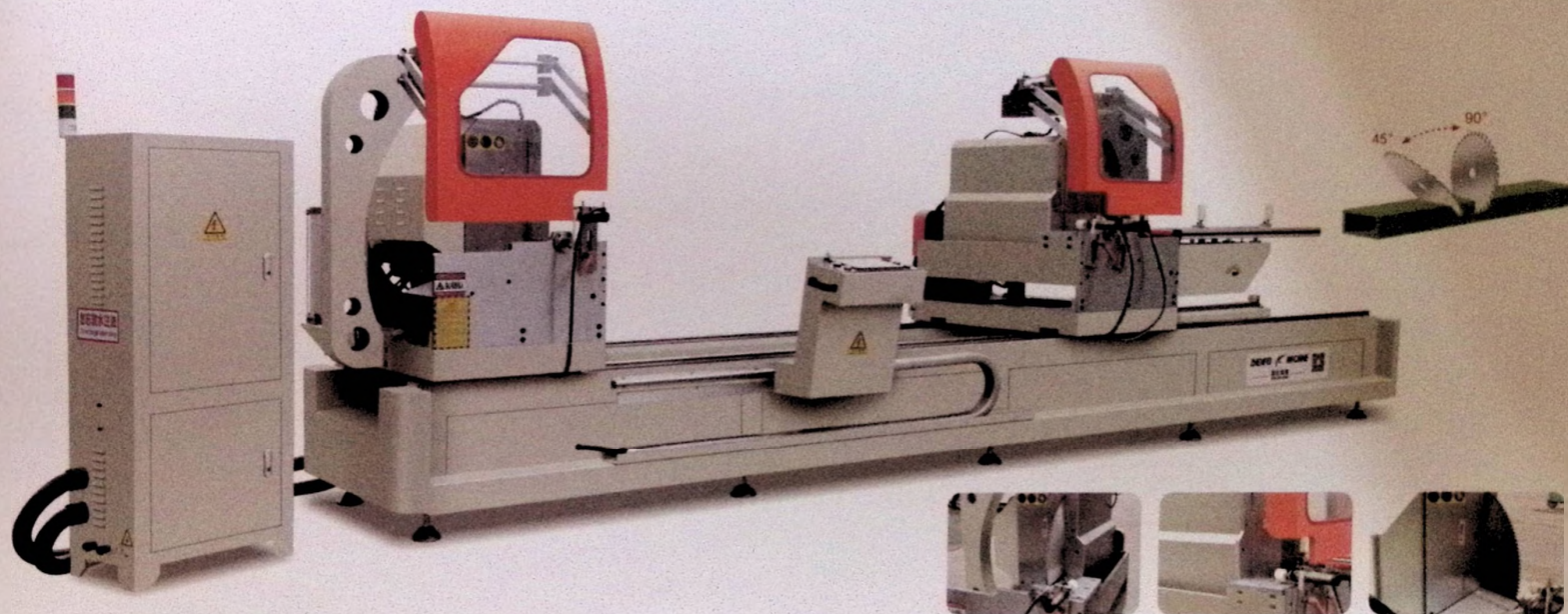
ZFJ-CNC-550×4200

铝门窗数控精密锯

CNC precision saw for aluminum doors & windows

可定制

ZFJ-CNS-550×4200 铝门窗数显精密锯



性能特点

- 用于铝合金门窗、幕墙型材的下料切割。
- 该机采用数控系统，可完成型材不同规格尺寸的连接自动下料。
- 工进采用气压增压，摒弃传统的气缸加阻尼缸的方式，结构简单，运动平稳。
- 高精度主轴电机使锯片转动稳定。
- 人机界面采用彩色触摸屏，简单直观。
- 进给系统采用进口直线轴承运动副，精度高，稳定性好。
- 两锯头可自动切换角度，实现 45°、90° 型材的角度切割。

Main Feature

- Used for cutting of aluminum alloy doors and windows, curtain wall profiles.
- The machine adopts an CNC numerical control system, which can complete continuous automatic banking of different specifications and sizes of profiles.
- Gongjin adopts gas-liquid pressure instead of the traditional way of adding a damping cylinder to a cylinder, with a simple structure and smooth movement.
- The high-precision spindle motor makes the saw blade rotate stable.
- The main machine's interface adopts a color touch screen, which is simple and intuitive.
- The feed system adopts imported linear bearing kinematic pair, with high precision and good stability.
- The two saw heads can automatically switch the angle to realize the angle cutting of 45° and 90° profiles.

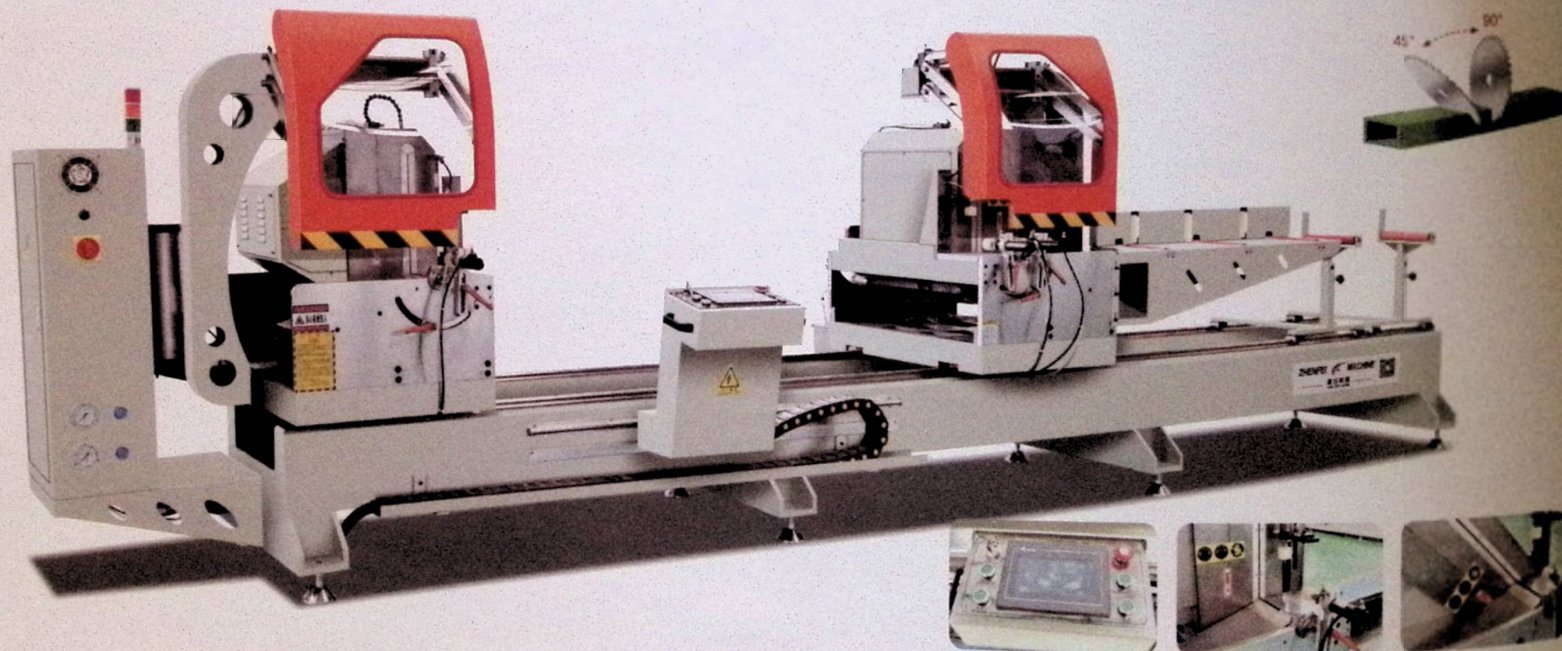
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	工作气压/耗气量 Working air pressure/Air consumption	锯片规格 Saw blade specification	进刀速度 Cutter feeding speed	锯切长度 Cutting length	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZFJ-CNC-550×4200	380V/50Hz	2×3.0kW/2800r/min	0.5-0.8MPa 250L/min	Φ550×Φ30×4.8mm Z=144	无级调速 0-3m/min	350-4200mm	最大168×300mm	90°、45°	6100×1750×1990mm
ZFJ-CNS-550×4200	380V/50Hz	2×3.0kW 2800r/min	0.5-0.8MPa 250L/min	Φ550×Φ30×4.8mm Z=144	无级调速 0-3m/min	350-4200mm	最大168×300mm	90°、45°	5800×1750×1990mm

ZFJ-CNC-500×4200

新一代智能·铝门窗数控精密弧切锯

Intelligence CNC precision radians cutting saw



性能特点

- 操作简便直观，操作过程的帮助和提示简单清晰，人机界面友好，改进了传统数控锯操作复杂的不足，从而提高了生产效率又降低了劳动强度。
- 设备保护完备且合理，具备故障报警和排除措施提示，误操作防护和正确操作提示，改进了传统数控锯因误保护影响生产力的不足，从而保护了人员和设备的安全，又保证了生产的顺畅。
- 机械系统：采用减速机与齿轮传动，高精度直线导轨，高精度主轴和轴承，高质量阻尼气缸和电磁阀，冲击隔离保护装置，保护了数控系统安全。
- 电气系统：采用数控专用PLC和数控专用触摸屏，数控专用伺服驱动器和电机，特别增加了防电网新型护罩设计，外观简单大方。

Main Feature

- The operation is simple and intuitive, the help and prompts of the operation process are simple and clear, and the man-machine interface is friendly, which improves the complex deficiencies of the traditional CNC saw operation, thereby not only improving the production efficiency but also reducing the labor intensity.
- Equipment protection is complete and reasonable, with fault alarms and troubleshooting measures prompts, misoperation protection and correct operation prompts, which improve the traditional CNC saws insufficient productivity due to misprotection, thereby protecting the safety of personnel and equipment, and ensuring production The smoothness.
- Mechanical system: adopts reducer and rack drive, high-precision linear guide, high-precision spindle and bearing, high-quality damping cylinder and solenoid valve.
- Electrical system: it adopts CNC dedicated PLC and CNC dedicated touch screen, CNC dedicated servo driver and motor, and especially increases the isolation protection device against grid impact, which protects the safety of the CNC system.
- New type of shield design, simple and generous appearance.

技术参数 Technical Parameter

型号 Model	电源 Power supply	额定功率/转速 Rated power/Speed	工作压力/耗风量 Working pressure/Air consumption	锯片规格 Saw blade specification	进给速度 Cutter feeding speed	锯切长度 Cutting length	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZFJ-CNC-500×4200	380V/50Hz	2×3.0kW+0.75kW 2800r/min	0.5-0.8MPa; 200L/min	Φ500×Φ30×4.4mm Z=120	无极调速 0-3m/min	450-4200mm	最大142×230mm	90°、45°	5800×1500×1600mm

ZJS-CNC-500×4200

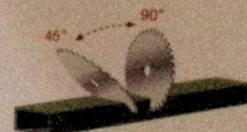
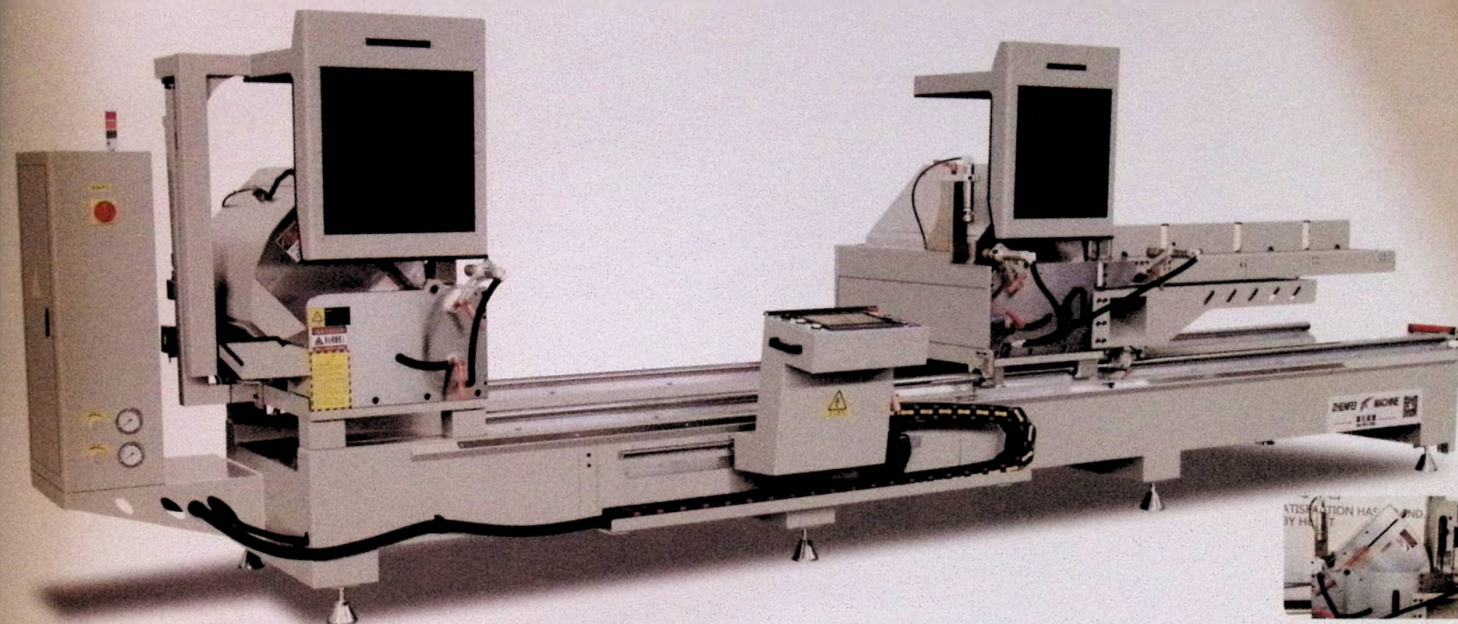
铝门窗数控精密锯（外摆）

CNC precision saw for aluminum doors & windows

可定制 全部机型可定制内翻

ZJS-CNC-550×4200/5000 铝门窗数控精密锯（外摆）

ZJS-CNC-600×4200/5000 铝门窗数控精密锯（外摆）



性能特点

- 该机采用进口数控系统，可完成型材不同规格尺寸的连续自动下料。
- 气液阻尼缸实现进给调速均匀，运动平稳。
- 高精度主轴使锯片转动稳定。
- 人机界面采用彩色触摸屏，简单直观。
- 进给系统采用进口直线轴承运动副，精度高，稳定性好。
- 两锯头可自动转换角度，实现 45°、90° 型材的角度切割。

Main Feature

- This machine adopts an imported CNC system, which can achieve continuous automatic cutting of different specifications and sizes of profiles.
- The gas-liquid damping cylinder achieves uniform feed speed regulation and smooth movement.
- The high-precision spindle ensures stable rotation of the saw blade.
- The human-machine interface adopts a color touch screen, which is simple and intuitive.
- The feeding system adopts imported linear bearing kinematic pair, with high precision and good stability.
- The two saw heads can automatically switch angles to achieve angle cutting of 45° and 90° profiles.

技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/speed	工作压力/耗气量 Working air pressure/Air consumption	锯片规格 Saw blade specification	进刀速度 Cutter feeding speed	锯切长度 Cutting length	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZJS-CNC-500×4200	380V/50Hz	2×2.2kW 2800r/min	0.5~0.8MPa 250L/min	Φ500×Φ30×4.4mm Z=120	无级调速 0~3m/min	270~4200mm	最大125×200mm	90°、45°	5800×1750×1990mm
ZJS-CNC-550×4200	380V/50Hz	2×3.0kW 2800r/min	0.5~0.8MPa 250L/min	Φ550×Φ30×4.4mm Z=120	无级调速 0~3m/min	370~4200mm	最大135×300mm	90°、45°	5800×1750×1990mm
ZJS-CNC-600×4200	380V/50Hz	2×3.0kW 2800r/min	0.5~0.8MPa 250L/min	Φ600×Φ30×4.4mm Z=144	无级调速 0~3m/min	370~4200mm	最大200×200mm	90°、45°	5800×1750×1990mm

ZJS2-CNS-500×4200

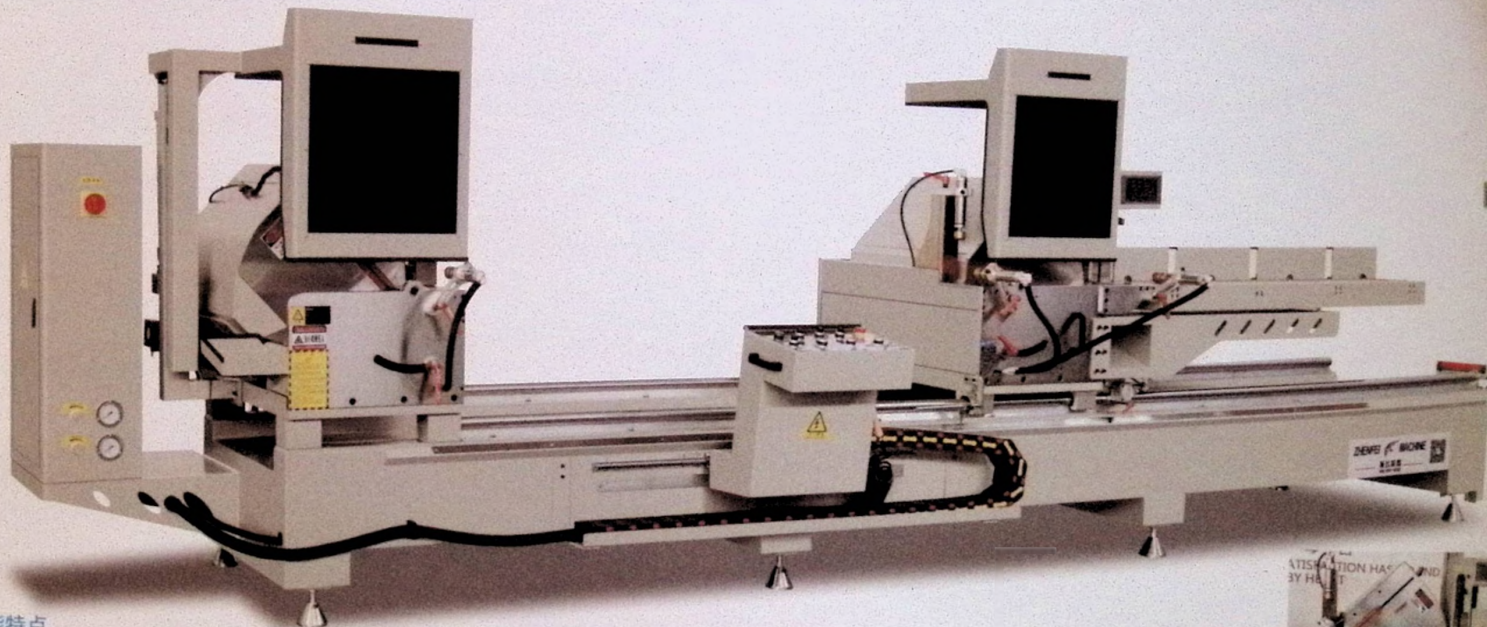
铝门窗数显精密锯（外摆）

Digital display precision saw for aluminum win-door

可定制 全部机型可定制内翻

ZJS2-CNS-550×4200 铝门窗精密锯（外摆）

ZJS2-CNS-600×4200 铝门窗精密锯（外摆）



性能特点

- 数字显示系统自动显示切割长度尺寸及切割数量，重复定位精度。
- 机床床身导轨采用直线导轨副，机头进给运动采用直线导轨副，机床运动精度高，使切割构件精度得以保证。
- 进给系统采用进口直线导轨运动副，精度高，稳定性好。
- 机床专用高精度主轴使锯片运转稳定。液压阻尼缸实现进给调速均匀，锯片切割平稳。
- 原装进口硬质合金锯片，加工精度高，耐用度高。
- 自动开合防护罩使工作安全可靠。
- 两锯头可自动转换角度，实现 45°、90° 型材的角度切割。

技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	工作气压/耗气量 Working air pressure/Air consumption	锯片规格 Saw blade specification	进给速度 Cutter feeding speed	锯切长度 Cutting length	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZJS2-CNS-500×4200	380V/50Hz	2×2.2kW 2800r/min	0.5-0.8MPa 250L/min	Φ500×Φ30×4.4mm Z=120	无级调速 0-3m/min	270-4200mm	最大125×200mm	90°、45°	5800×1750×1900mm
ZJS2-CNS-550×4200	380V/50Hz	2×3.0kW 2800r/min	0.5-0.8MPa 250L/min	Φ550×Φ30×4.4mm Z=120	无级调速 0-3m/min	370-4200mm	最大135×300mm	90°、45°	5800×1750×1900mm
ZJS2-CNS-600×4200	380V/50Hz	2×3.0kW 2800r/min	0.5-0.8MPa 250L/min	Φ600×Φ30×4.4mm Z=144	无级调速 0-3m/min	370-4200mm	最大200×200mm	90°、45°	5800×1750×1900mm

Main Feature

- The digital display system automatically displays the cutting length, size, and quantity, with repeated positioning accuracy.
- The guide rail of the machine tool bed adopts a linear guide rail pair, and the feed motion of the machine head adopts a linear guide rail pair. The machine tool has high motion accuracy, ensuring the accuracy of cutting components.
- The feeding system adopts imported linear guide Kinematic pair, with high precision and good stability. The high-precision spindle dedicated to the machine tool ensures stable operation of the saw blade.
- The hydraulic damping cylinder achieves uniform feed speed regulation and smooth cutting of the saw blade.
- The original imported hard alloy saw blade has high processing accuracy and high durability.
- The automatic opening and closing of the protective cover ensures safe and reliable work.
- The two saw heads can automatically switch angles to achieve angle cutting of 45° and 90° profiles.

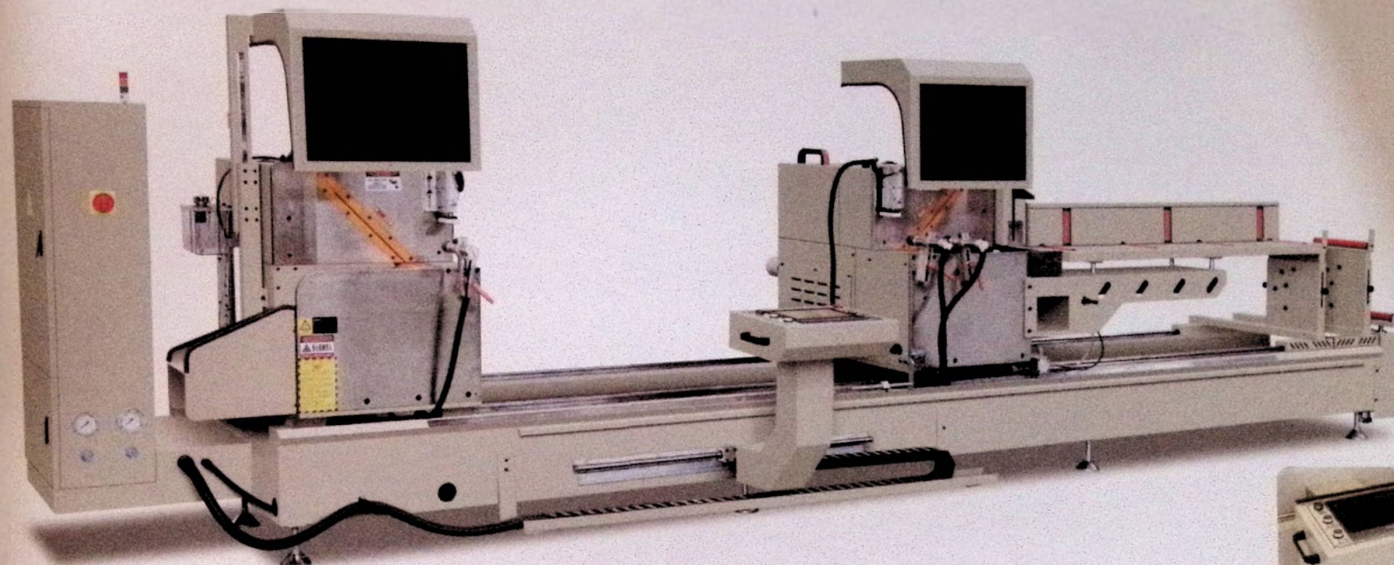
ZJW-CNC-500×4200

铝型材高效 45 度专切锯（数控外翻）

Efficient 45 degree specialized cutting saw for aluminum profiles

可定制

ZJW-CNC-550×4200 铝型材高效45度专切锯（数控外翻）



性能特点

- 本机采用成熟数控系统，可完成型材不同规格尺寸的连续自动下料。
- 气液阻尼缸实现送料速度均匀，运动平稳，高精度主轴使锯片转动稳定。
- 人机界面采用彩色触摸屏，简单直观。
- 送料系统采用高品质直线轴承运动副，精度高，稳定性好。
- 设有自动侧料装置，高效精准。
- 采用自动定位和夹紧系统，可以实现安全的、高效率的工作。
- 采用自动油雾冷却系统，对锯片实行冷却处理，以提高锯切端面质量和延长锯片寿命。
- 固定 45° 角切割，角度更精确，切割效率更高。

Main Feature

- This machine adopts a mature CNC system and can complete continuous automatic cutting of different specifications and sizes of profiles.
- The gas liquid damping cylinder achieves uniform feed speed regulation and smooth movement.
- The high precision spindle ensures stable rotation of the saw blade.
- The human-machine interface adopts a color touch screen, which is simple and intuitive.
- The feeding system adopts high-quality linear bearing kinematic pair, with high precision and good stability.
- Equipped with an automatic height measuring device, efficient and accurate.
- By adopting an automatic positioning and clamping system, safe and efficient work can be achieved.
- Adopting an automatic oil mist cooling system to cool the saw blade, in order to improve the quality of the sawing end face and extend the service life of the saw blade.
- Fixed 45° angle cutting for more precise angles and higher cutting efficiency.

技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	工作气压/耗气量 Working air pressure/air consumption	锯片规格 Saw blade specification	进给速度 Cutter feeding speed	锯切长度 Cutting length	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZJW-CNC-500×4200	380V/50Hz	2×3.0kW 2800r/min	0.5-0.8MPa 250L/min	Φ500×Φ30×4.4mm Z=120	无级调速 0-3m/min	(单边)320-4200mm	最大130×230mm	45°	6100×1750×1990mm
ZJW-CNC-550×4200	380V/50Hz	2×3.0kW 2800r/min	0.5-0.8MPa 250L/min	Φ550×Φ30×4.4mm Z=120	无级调速 0-3m/min	(单边)400-4200mm	最大155×260mm	45°	6100×1750×1990mm

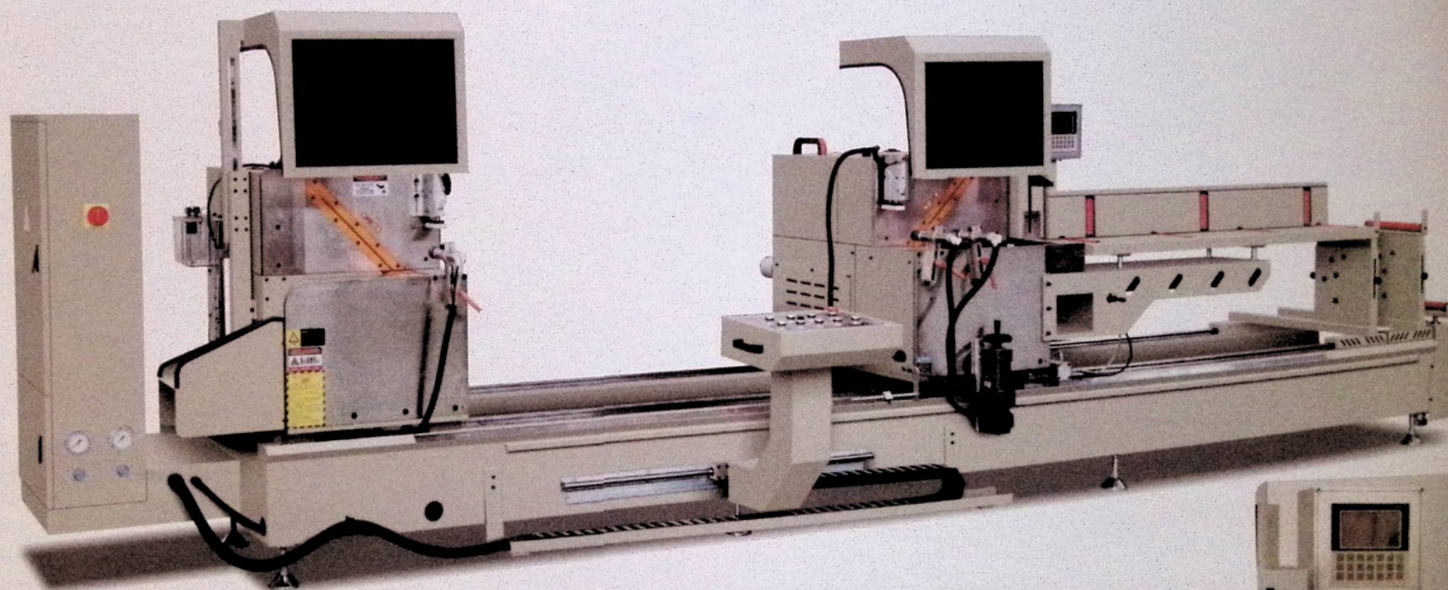
ZJW-500×4200

铝型材高效45度专切锯 (数显外翻)

Efficient 45 degree special cutting saw for aluminum profiles

可定制

ZJW-550×4200 铝型材高效45度专切锯 (数显外翻)



性能特点

- 设有自动测料装置, 高效精准。
- 数显系统, 实时显示切割数据。
- 采用高品质方导轨, 重复定位精度高。
- 采用自动定位视觉系统, 可以实现安全、高效率的工作。
- 采用自动油雾冷却系统, 对锯片实行冷却处理, 以提高切削端面质量和延长锯片寿命。
- 固定 45° 角切割, 角度更精确, 切割效率更高。

Main Feature

- Equipped with an automatic height measuring device, efficient and accurate.
- Digital display system, real-time display of cutting data.
- Adopting high-quality square guide rails, with high repeated positioning accuracy.
- By adopting an automatic positioning and clamping system, safe and efficient work can be achieved.
- Adopting an automatic oil mist cooling system to cool the saw blade, in order to improve the quality of the sawing end face and extend the service life of the saw blade.
- Fixed 45° angle cutting for more precise angles and higher cutting efficiency.

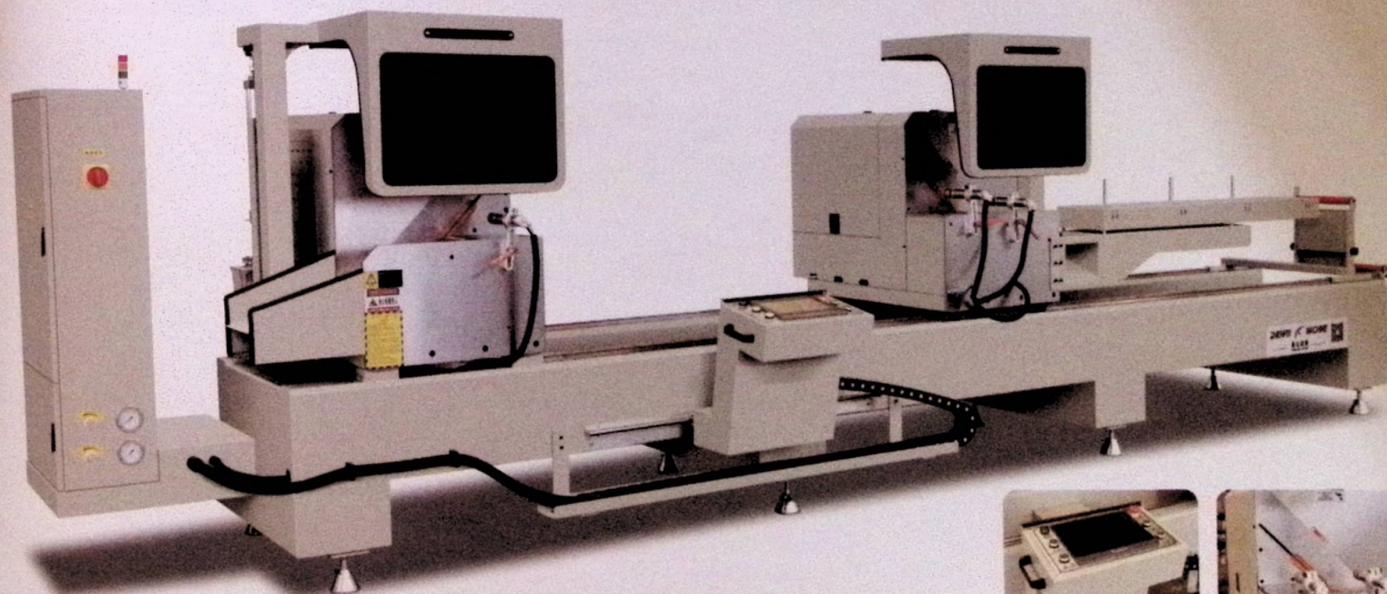
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	工作气压/耗气量 Working air pressure/Air consumption	锯片规格 Saw blade specification	进刀速度 Cutter feeding speed	锯切长度 Cutting length	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZJW-500×4200	380V/50Hz	2×3.0kW 2800r/min	0.5~0.8MPa 250L/min	Φ500×Φ30×4.4mm Z=120	无级调速 0~3m/min	(短边) 320~4200mm	最大 130×250mm	45°	6100×1750×1900mm
ZJW-550×4200	380V/50Hz	2×3.0kW 2800r/min	0.5~0.8MPa 250L/min	Φ550×Φ30×4.4mm Z=120	无级调速 0~3m/min	(短边) 400~4200mm	最大 155×260mm	45°	6100×1750×1900mm

ZJW-CNC-500×4200

铝型材高效 45 度专切锯（数控内翻）

CNC double head inner swing special cutting saw for aluminum profiles



性能特点

- 该机采用成熟数控系统，可完成型材不同规格尺寸的连续自动下料。
- 气压阻尼缸实现进给调速均匀，运动平稳。
- 精密主轴使锯片转动稳定。
- 人机界面采用彩色触摸屏，简单直观。
- 进给系统采用高品质直线轴承运动副，精度高，稳定性好。
- 采用自动定位和夹紧系统，可以实现安全的、高效率的工作。
- 采用自动油雾冷却系统，对锯片实行冷却处理，以提高锯切端面质量和延长锯片寿命。
- 固定 45° 角切割，角度更精确，切削效率更高。

Main Feature

- The machine adopts a mature CNC system and can complete continuous automatic cutting of different specifications and sizes of profiles.
- The gas-liquid damping cylinder achieves uniform feed speed regulation and smooth movement.
- The high-precision spindle ensures stable rotation of the saw blade.
- The human-machine interface adopts a color touch screen, which is simple and intuitive.
- The feeding system adopts high-quality linear bearing kinematic pair, with high precision and good stability.
- By adopting an automatic positioning and clamping system, safe and efficient work can be achieved.
- Adopting an automatic oil mist cooling system to cool the saw blade, in order to improve the quality of the sawing end face and extend the service life of the saw blade.
- Fixed 45° angle cutting for more precise angles and higher cutting efficiency.

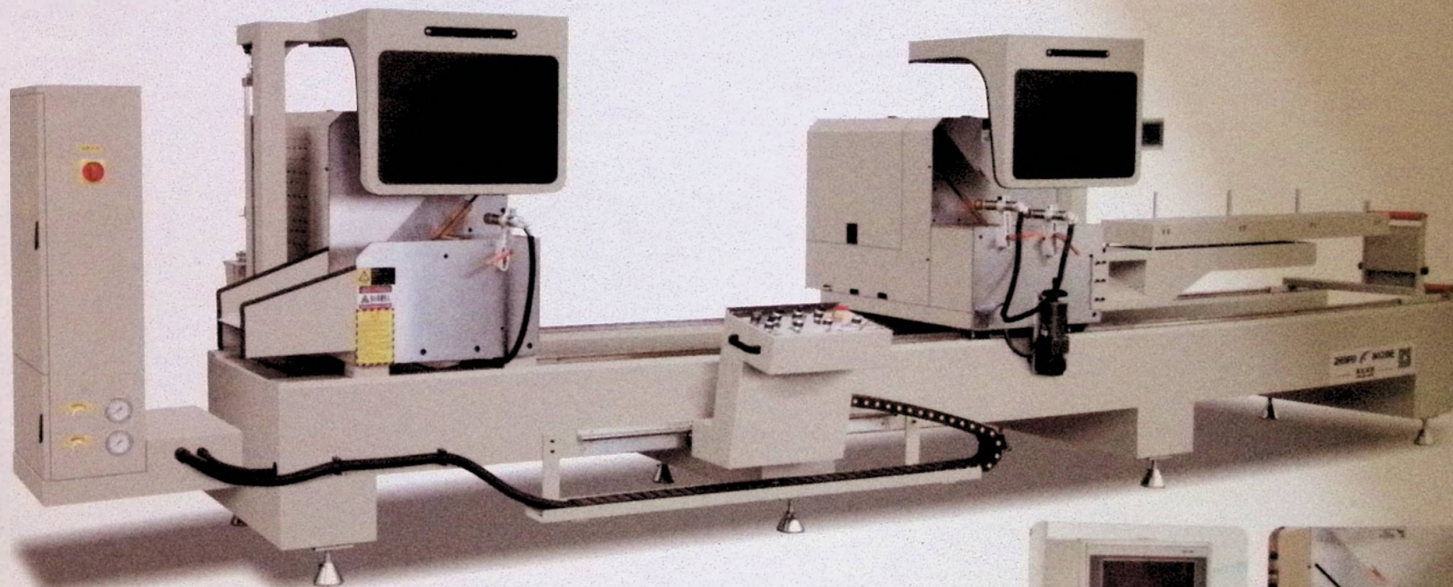
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	工作气压/耗气量 Working air pressure/Air consumption	锯片规格 Saw blade specification	进给速度 Cutter feeding speed	锯切长度 Cutting length	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZJW-CNC-500×4200	380V/50Hz	2×3.0kW 2800r/min	0.5~0.8MPa 250L/min	Φ500×Φ30×4.4mm Z=120	无级调速 0~3m/min	45°~4200mm	最大160×200mm	45°	6100×1750×1900mm

ZJW-500×4200

铝型材高效 45 度专切锯 (数显内翻)

CNC double head inner swing special cutting saw for aluminum profiles



性能特点

- 数显系统, 实时显示切割数据。
- 采用高品质方导轨, 重复定位精度高。
- 采用自动定位和夹紧系统, 可以实现安全的、高效率的工作。
- 采用自动油雾冷却系统, 对锯片实行冷却处理, 以提高锯切端面质量和延长锯片寿命。
- 固定 45° 角切削, 角度更精确, 切割效率更高。

Main Feature

- Digital display system, real-time display of cutting data.
- Adopting high-quality square guide rails, with high repeated positioning accuracy.
- By adopting an automatic positioning and clamping system, safe and efficient work can be achieved.
- Adopting an automatic oil mist cooling system to cool the saw blade, in order to improve the quality of the sawing end face and extend the service life of the saw blade.
- Fixed 45° angle cutting for more precise angles and higher cutting efficiency.

技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	冷却气压/冷却量 Cooling air pressure/Cooling amount	锯片规格 Saw blade specification	进刀速度 Cutting speed	切削精度 Cutting accuracy	锯切宽度×高度 Cutting width×height	锯切角度 Cutting angle	外形尺寸 Overall dimension
ZJW-500×4200	380V/50Hz	2×3.0kW 2800r/min	0.5~0.8MPa 250L/min	Φ500×Φ30×4.4mm Z=120	无级调速 0~3m/min	490~4200um	最大160×200mm	45°	6100×1750×1900mm

ZJB07-450×3700

铝型材精密切割锯

Aluminum profile precision cutting saw

可定制

ZJB07-CNC-450×3700 铝型材数控切割锯

ZJB07-CNS-450×3700 铝型材数显切割锯

LJNZ-400×3500

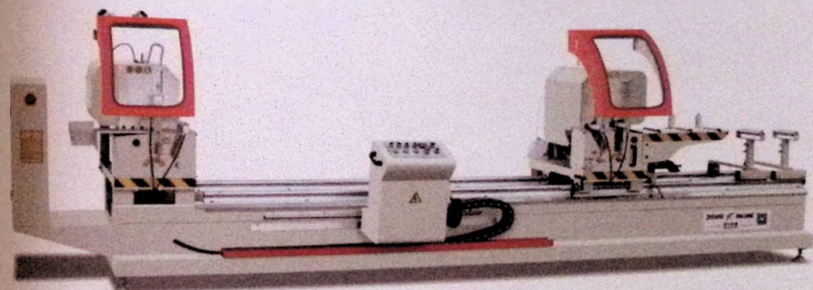
金刚网多功能锯

Diamond net multi-function saw

可定制

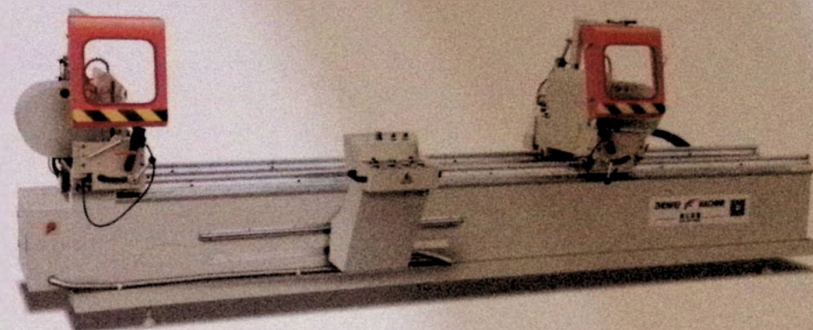
LJNZ-CNC-400×3500 金刚网数控多功能锯

LJNZ-CNS-400×3500 金刚网数显多功能锯



性能特点 Main Feature

- 用于铝塑型材 45°、90° 的双头切割。
- 专用硬质合金锯片，保证切割面质量和耐用度。
- 高精度主轴，使锯片运动平稳，最大切割截面：120×200mm。
- 两锯头即可单独工作，也可同时工作。
- 可加配自动切角功能。
- 型材切割角度误差小，切割型材的平面度高。
- Used for 45°, 90° double-head cutting of aluminum-plastic profiles.
- Special carbide saw blade to ensure the quality and durability of the cutting surface.
- The high-precision spindle makes the saw blade move smoothly and the maximum cutting section: 120×200mm.
- The two saw heads can work alone or at the same time.
- Can be equipped with automatic corner cutting function.
- The profile cutting angle error is small, and the flatness of the cut profile is high.



性能特点 Main Feature

- 用于金刚网纱窗型材的 45°、90° 的双头切割。
- 专用硬质合金锯片，保证切割面质量和耐用度。
- 高精度主轴，使锯片运动平稳，最大切割截面：100×100mm。
- 两锯头即可单独工作，也可同时工作。
- 切割型材的平面度：≤ 0.05mm
- 切割型材的粗糙度：Ra12.5μm
- Double head cutting at 45° and 90° for diamond mesh window profiles.
- Special hard alloy saw blades ensure the quality and durability of the cutting surface.
- High precision spindle ensures smooth motion of the saw blade. Maximum cutting section: 100 × 100mm.
- Two saw heads can work independently or simultaneously.
- Flatness of cutting profiles: ≤ 0.05mm
- Roughness of cut profiles: Ra12.5 μm

技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	工作气压/耗气量 Working air pressure/Air consumption	锯片规格 Saw blade specification	进刀速度 Cutter feeding speed	切割长度 Cutting length	切割宽度×高度 Cutting width×height	切割角度 Cutting angle	外形尺寸 Overall dimension
ZJB07-450×3700	380V/50Hz	2×2.2kW 2800r/min	0.4-0.6MPa 200L/min	φ450×φ30×4.4mm Z=120	无级调速 0-3m/min	300-3700mm	最大120×200mm	45°, 90°	4800×1100×1400mm
ZJB07-CNC-450×3700	380V/50Hz	2×2.2kW+0.75kW 2800r/min	0.4-0.6MPa 200L/min	φ450×φ30×4.4mm Z=120	无级调速 0-3m/min	300-3700mm	最大120×200mm	45°, 90°	4800×1100×1400mm
LJNZ-400×3500	380V/50Hz	2×1.5kW 2800r/min	0.4-0.6MPa 200L/min	φ400×φ30×4.4mm Z=120	无级调速 0-3m/min	290-3500mm	最大100×100mm	45°, 90°	4200×1300×1600mm
LJNZ-CNC-400×3500	380V/50Hz	2×1.5kW 2800r/min	0.4-0.6MPa 200L/min	φ400×φ30×4.4mm Z=120	无级调速 0-3m/min	290-3500mm	最大100×100mm	45°, 90°	4200×1300×1600mm

ZDX7-CNC-250C

铝门窗数控七轴端面铣床

CNC 7-axis end face milling machine for aluminum doors and windows



性能特点

- 适用于各种型材端面、台阶面的端铣加工。
- 国产成熟数控系统，滚珠丝杠进给，无需调整刀具位置，全部数控完成。
- 加工效率高，垂直锯片可以水平，效率提高约 30%。
- 加工精度高，采用高精度主轴电机，性能稳定。
- 三组铣刀，一组刀具可在 0°、90° 两个位置转换。
- 进给系统采用伺服电机带动，速度、位置可调，进给平稳均匀，加工表面精度高。
- 可选配工控机，与上位机联机，完成扫码加工。

Main Feature

- Suitable for end milling processing of various profile end faces and step surfaces.
- Domestic mature CNC system, ball screw feed, no need to adjust tool position, all CNC completed.
- High processing efficiency, vertical saw blades can be horizontal, with an efficiency increase of about 30%.
- High machining accuracy, using high-precision spindle motor, stable performance.
- Three sets of milling cutters, one set of cutting tools can be switched between 0° and 90° position.
- The feeding system is driven by servo motor, with adjustable speed and position, stable and even feeding, and high machining surface precision.
- Optional Industrial control computer can be connected to the upper computer to complete scanning processing.

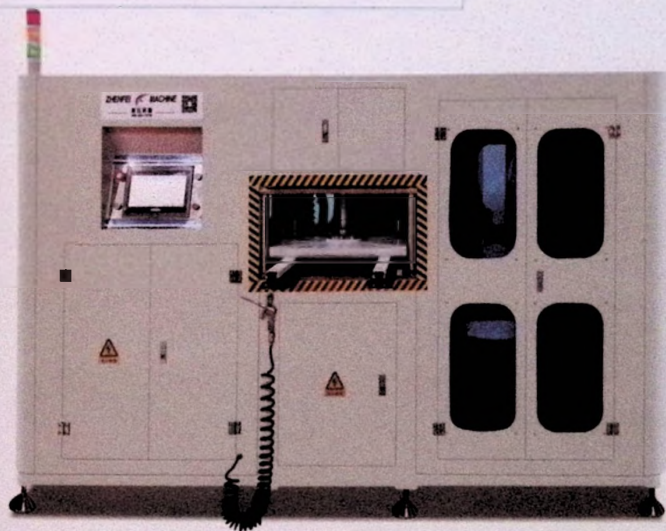
技术参数 Technical Parameter

型号 Model	电压 Power supply	输入功率 Input power	工作压力 Work pressure	耗风量 Air consumption	伺服电机 Servo motor	刀具进给行程 Tool feed stroke	刀具调整行程 Tool adjustment stroke	锯片规格 Saw blade specification	切削角度 Cutting angle	外形尺寸 Overall dimensions
ZDX7-CNC-250C	380V/50Hz	14.25kw	0.5-0.8Mpa	80L/min	3x3kw	1200mm	纵向80mm 横向150mm	Φ305一片 Φ300二片	0°、90°	4200x1500x900mm

ZDX5-CNC-250B

铝门窗数控端面铣床

CNC end milling machine for aluminum win-door



性能特点 Main Feature

- 适用于各种型材端面、台阶面的端铣加工。
- 台湾台达五轴数控系统，滚珠丝杠进给，无需调整刀具位置，全部数控完成。
- 加工效率高，垂直锯片可以水平，效率提高约 30%。加工精度高，采用高精度主轴电机，性能稳定。
- 两组铣刀，一组刀具可在 0°、90° 两个位置转换。
- 进给系统采用伺服电机带动，速度、位置可调，进给平稳均匀，加工表面精度高。
- 可选配工控机，与上位机联机，完成扫码加工。
- Suitable for end milling processing of various profile end faces and step surfaces.
- Taiwan Delta 5-axis CNC system, ball screw feed, no need to adjust tool position, all CNC completed.
- High processing efficiency, vertical saw blades can be horizontal, with an efficiency increase of about 30%. High machining accuracy, using high precision spindle motor, stable performance.
- Two sets of milling cutters, one set of cutting tools can be switched between 0° and 90° positions.
- The feeding system is driven by servo motor, with adjustable speed and position, stable and even feeding, and high machining surface precision.
- Optional industrial control computer can be connected to the upper computer to complete scanning processing.

技术参数 Technical Parameter

型号 Model	电源 Power supply	输入功率 Input power	伺服电机 Servo motor	电主轴 Spindle motor	主轴转速 Spindle speed	刀具进给行程 Tool feed stroke	刀具调整行程 Tool adjustment stroke	切削角度 Cutting angle	锯片规格 Saw blade specification	订货尺寸 Order dimension
ZDX5-CNC-250B	380V/50Hz	10kW	2×3kW (2台)	0.75kW	3000r/min	3850mm	纵向80mm 横向280mm	0°, 90°	Φ305×Φ32×4.4mm Z=100	4200×2000×2100mm
ZDX3+1-CNC-250B	380V/50Hz	5.25kW	3.0kW	3×0.75kW	2800r/min	1200mm	纵向50mm 横向150mm	0°, 90°	Φ305×Φ32×4.4mm Z=100	2800×1500×1900mm

ZDX3+1-CNC-250B

铝门窗数控三轴端面铣 (3+1)

CNC three-axis end face milling for aluminum win-door

可定制

ZDX3+2-CNC-250B

铝门窗数控三轴端面铣 (3+2)



性能特点 Main Feature

- 适用于各种型材端面、台阶面的端铣加工。
- 采用国产成熟数控系统，齿轮齿条和滚珠丝杠进给，无需调整刀具位置，全部数控完成。
- 加工效率高，垂直锯片可以水平，效率提高约 30%。加工精度高，采用高精度主轴电机，性能稳定。进给系统采用伺服电机带动，速度、位置可调，进给平稳均匀，加工表面精度高。
- 单片铣刀，刀具可在 0°、90° 两个位置转换。
- 可选配工控机，与上位机联机，完成扫码加工。
- Suitable for end milling processing of various profile end faces and step surfaces.
- Adopting a mature domestic CNC system, this gear rack and ball screw feed, without the need to adjust the tool position, all CNC operations are completed.
- High processing efficiency, vertical saw blades can be horizontal, with an efficiency increase of about 30%. High machining accuracy, using high precision spindle motor, stable performance. The feeding system is driven by servo motor, with adjustable speed and position, stable and even feeding, and high machining surface precision.
- Single piece milling cutter, the tool can be switched between 0° and 90° positions.
- Optional industrial control computer can be connected to the upper computer to complete scanning processing.

HXSJ6-250

铝型材铣榫机

Tenon milling machine for aluminum profile

可定制

HXSJ5-250 铝型材铣榫机



性能特点

- 此机具有型材固定，刀具移动，可实现较长型材的多数量、多批次的成型加工。
- 六套组合刀具可根据用户需要组合成任意尺寸，其中两组刀具可在 180° 范围内调节。
- 一次走刀即可实现在型材端面铣削成所需的榫口尺寸，同时我公司可根据客户要求定制特殊厚度刀具，满足客户的不同榫口尺寸要求。
- 安装蜗轮蜗杆减速机可实现刀具进给的平稳性，保证了型材加工尺寸。

Main Feature

- This machine has fixed profiles and movable cutters, which can realize the forming and processing of long profiles in large batches.
- The six sets of combined knives can be combined into any size according to user needs, and the two sets of knives can be adjusted in the range of 180°.
- It can be milled to the required tenon size on the end face of the profile in one pass. At the same time, our company can customize thickness cutters according to customer requirements to meet customer's different tenon size requirements.
- The installation of the worm gear reducer can realize the stability of the tool feed and ensure the processing size of the profile.

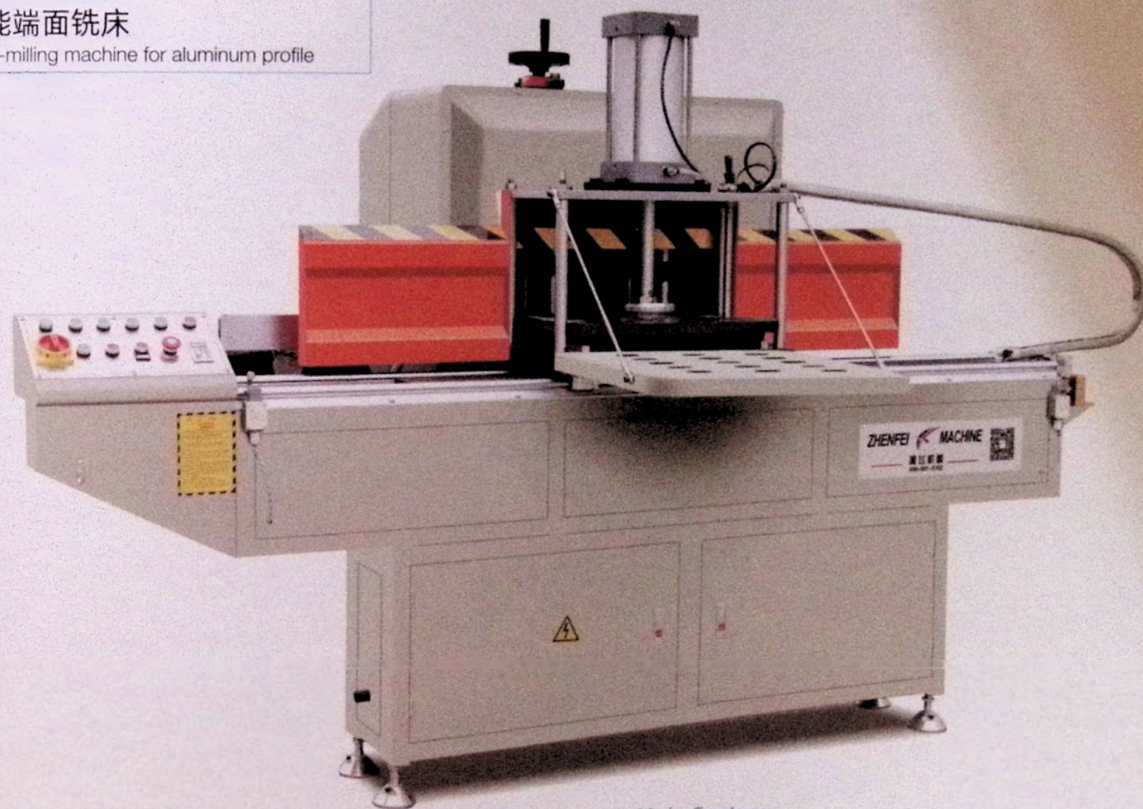
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率 Motor power	电机转速 Motor speed	工作气压 Working air pressure	铣刀规格 Milling cutter specifications	铣刀数量 Number of milling cutter	最大开槽 Max. slotting
HXSJ6-250	380V/50Hz	6x2.2kW	3850r/min	0.5~0.8MPa	Φ250xΦ32mm	6片	90mm

ZN5DX06-250

铝型材智能端面铣床

Intelligence end-milling machine for aluminum profile



性能特点

- 该机是铝门窗生产线的专用设备之一，一次性铣削多根型材，效率高。
- 刀具可作上下、左右调整以适应不同形状尺寸的加工。
- 可调的刀具使加工不同型材时，不必定制刀具，从而缩短生产周期和降低成本。
- 刀具直径大，切削速度高，加工质量好。
- 整机结构紧凑，加工范围大，操作方便，生产效率高。
- 该设备吸收了国内外同类产品的优点，由我公司精心研制生产的新机型。

Main Feature

- This machine is one of the special equipment for the aluminum door and window production line. It can mill multiple profiles at one time with high efficiency.
- The cutting tool can be adjusted up and down and left and right to adapt to the processing of different shapes and sizes.
- Adjustable tools make it unnecessary to customize tools when processing different profiles, thereby shortening the production cycle and reducing costs.
- The tool diameter is large, the cutting speed is high, and the quality of the machined surface is good.
- The whole machine has compact structure, large processing range, convenient operation and high production efficiency.
- This equipment has absorbed the advantages of similar products at home and abroad, and is a new model carefully developed and produced by our company.

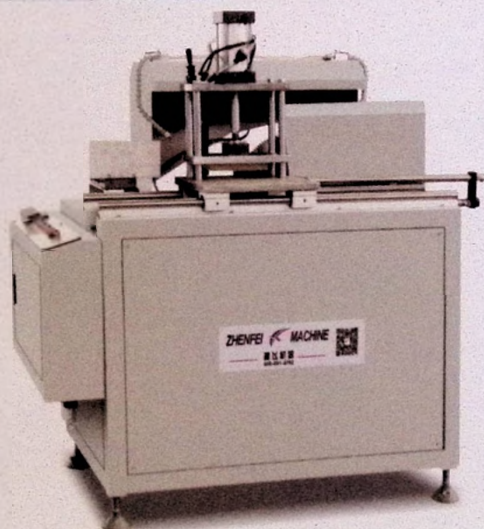
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power / Speed	工作气压 Working air pressure	铣刀规格 Milling cutter specifications	工作台进给行程 Feed stroke of worktable	工作台尺寸/最大开槽 Number of table size/Max. kerf	电机调整行程 Motor adjustment stroke	外形尺寸 Overall dimension
ZN5DX06-250	380V/50Hz	4x2.2kW+1.5kW 2800r/min	0.5~0.8MPa	φ250×φ32mm	0~1050mm	460x1300mm 40mm	0~30mm	3300x1300x1800mm

ZYX-215

圆弧压线机

Arc pressing machine



性能特点 Main Feature

- 适用于加工铝合金中框型材端面，台阶面的成型加工，超强功能，一次铣削多根型材，工作效率高。
- 铣削型材端面，加工出阶梯状搭接头。
- 刀具上下、前后调整，可加工出台阶面、长方形槽及榫头等不同结构。平刀可以安装圆弧铣刀，加工异形，立刀可以切断，加工效率高。刀具直径大，切削速度高，加工面质量好。
- 气液转换控制进给，进给速度线性可调，运行平稳。高精度直线轴承导轨副，可长期保持精度。
- Suitable for processing the end face and step surface of aluminum alloy mullion profiles, with super strong function, it can mill multiple profiles at once, with high work efficiency.
- Milling the end face of the profile to produce a stepped lap joint.
- The cutter can be adjusted up and down, back and forth, and different structures such as step surface, rectangular groove and tenon can be processed. A flat cutter can be installed with an arc milling cutter to process irregular shapes, while a vertical cutter can cut, resulting in high processing efficiency. The cutting tool has a large diameter, high cutting speed, and good machining surface quality.
- Gas-liquid conversion control feed, with linearly adjustable feed speed and smooth operation. High precision linear bearing guide rail pair can maintain accuracy for a long time.

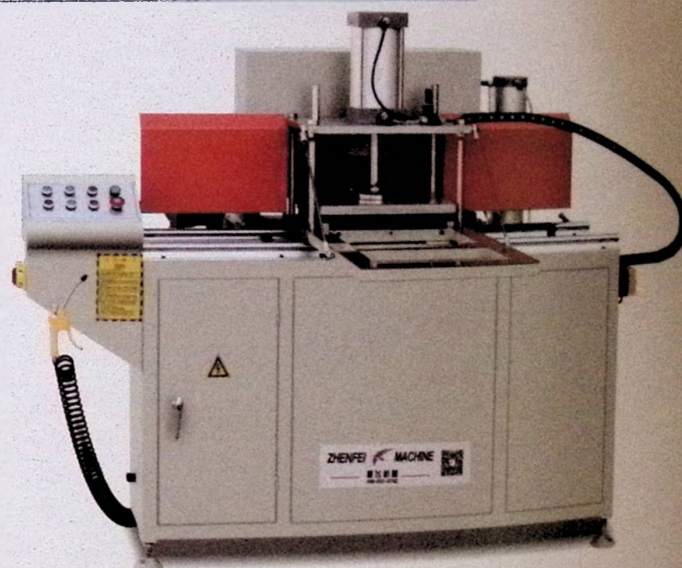
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power / Speed	工作压力 Working pressure	铣刀规格 Milling cutter specifications	工作台进给行程 Feed stroke of worktable	工作台尺寸 Number of Table size	电机调整行程 Motor adjustment stroke	最大开槽 Max. tenoning	外形尺寸 Overall dimension
ZYX-215	380V/50Hz	2×2.2KW 2800r/min	0.5-0.8MPa	主轴 Φ32mm 铣刀 Φ110-200mm 刀片 Φ300mm	0-80mm	215×315mm	7	90×45×200mm	1200×600×1300mm
LXDB-200	380V/50Hz	2×2.2KW 2800r/min	0.5-0.8MPa	主轴 Φ32mm 铣刀 Φ110-200mm	0-80mm	500×350mm	0-85mm	1800×800×1500mm	

LXDB-200

铝型材中型端面铣床

End-milling machine for aluminum profile



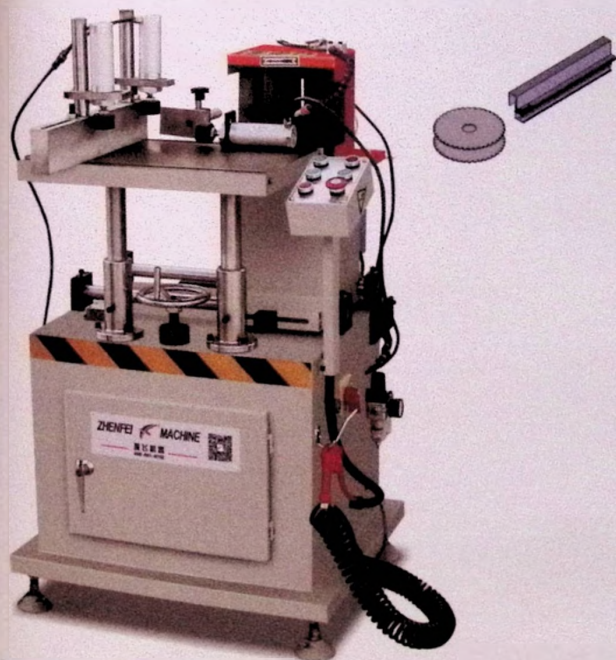
性能特点 Main Feature

- 适用于加工铝合金中框型材端面，台阶面的成型加工，超强功能，一次铣削多根型材，工作效率高。
- 铣削型材端面，加工出阶梯状搭接头。
- 刀具上下、前后调整，可加工出台阶面、长方形槽及榫头等不同结构。刀具直径大，切削速度高，加工面质量好。
- 气液转换控制进给，进给速度线性可调，运行平稳。高精度直线轴承导轨副，可长期保持精度。
- It is suitable for processing the end face and step surface of aluminum alloy stile, super function, milling multiple profiles at one time, and high work efficiency.
- Milling the end face of the profile to produce a stepped lap joint.
- The tool can be adjusted up and down, forward and backward, and can process different structures such as stepped surface, rectangular groove and tenon. The tool diameter is large, the cutting speed is high, and the quality of the machined surface is good.
- The gas-liquid conversion controls the feed, the feed speed is linearly adjustable, and the operation is stable. High precision linear bearing guideway pair can maintain accuracy for a long time.

ZDX-200

铝塑型材端面铣床

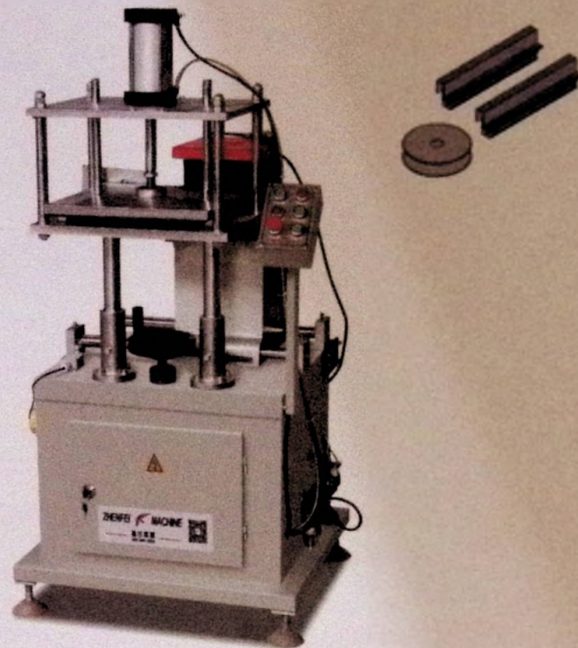
Ending milling machine for aluminum and PVC profile



ZDX04-200A

铝型材端面铣床

End-milling machine for aluminum profile



性能特点 Main Feature

- 适用于各种型材端面、台阶面及端面槽等的成形加工。工作台上下可调，适用多种型材。刀具主轴通过联轴器连接，电机主轴运转精度不会影响刀具的工作精度。刀具进给采用直线运动副，使工作性能稳定。
- It is suitable for forming and processing various profile end faces, step faces and end face grooves. The worktable is adjustable up and down, suitable for a variety of profiles. The tool spindle is connected by a coupling, and the running accuracy of the motor spindle will not affect the working accuracy of the tool. The cutter feed adopts linear motion pair, which makes the work performance stable. Roughness of processing end surface: Ra12.5um

性能特点 Main Feature

- 适用于各种型材端面、台阶面及端面槽等的成形加工。工作台上下可调，适用多种型材。排料加工，效率高。刀具主轴通过联轴器连接，电机主轴运转精度不会影响刀具的工作精度。刀具进给采用直线运动副，使工作性能稳定。
- It is suitable for forming the end faces, step faces and end grooves of various profiles. The worktable is adjustable up and down, suitable for a variety of profiles, discharging processing, and high efficiency. The tool spindle is connected by a coupling, and the running accuracy of the motor spindle will not affect the working accuracy of the tool. The cutter feed adopts linear motion pair, which makes the work performance stable. Roughness of processing end surface: Ra12.5um

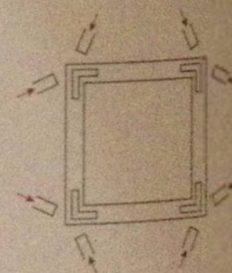
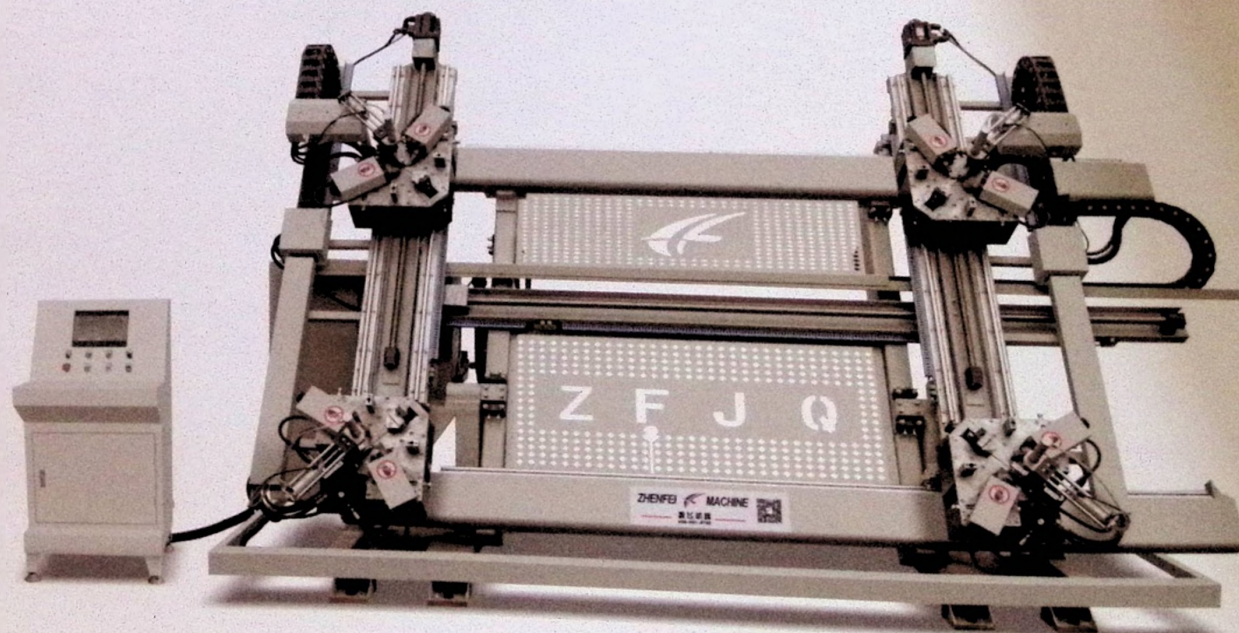
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power / speed	工作压力 Working air pressure	铣刀规格 Milling cutter specifications	工作台升降行程 Feed stroke of worktable	工作台尺寸 Table size	最大开槽 Max. tenoning	外形尺寸 Overall dimension
ZDX-200	380V/50Hz	2.2KW 2800r/min	0.5-0.8MPa	主轴 $\Phi 32$ mm 铣刀 $\Phi 110-200$ mm	0-80mm	500×350mm	70×45mm	850×740×1280mm
ZDX04-200A	380V/50Hz	2.2KW 2800r/min	0.5-0.8MPa	主轴 $\Phi 32$ mm 铣刀 $\Phi 110-200$ mm	0-80mm	500×350mm	70×45mm	800×800×1500mm

ZMA4-CNC-2000×3000

铝门窗数控四头组角机

Aluminum windows and doors CNC four group angle machine



性能特点

- 采用高品质数控系统，保证了速度与精度。
- 可通过销孔连接方式固定组角油缸与工作台的相对位置，无需调整组角刀的高低与左右，根据型材定制相应的组角刀实现客户的组角需求。
- 四机头均设有可伸缩大行程辅助定位装置，方便可靠的进行材料组角。
- 超长的定位油缸行程，更加便于安装了专用翻板进行加工的型材窗体的取放。
- 一次性组框可对型材间的接缝及平整度进行控制，使组框质量具有可预见性。
- 液压系统可实现组角过程的高低压自动转换，确保组角质量。

Main Feature

- High-quality CNC system is adopted, taking into account both speed and precision.
- The relative position of the angle forming cylinder and the worktable can be fixed through the pin hole connector, without adjusting the height and left and right of the angle forming knife, and the corresponding angle forming knife can be customized according to the profile to meet the angle forming requirements of the customer.
- The four machine heads are equipped with a retractable large stroke auxiliary external positioning device, which is convenient and reliable to carry out the four group angle.
- The extra-long stroke of the internal positioning cylinder makes it easier to pick and place the fan window installed with a special backing plate for processing.
- One-time framing can control the joints and flatness between profiles, making the quality of the framing predictable.
- The hydraulic system can realize the high and low pressure automatic conversion of the angle forming process to ensure the accuracy of the angle forming.

技术参数 Technical Parameter

型号 Model	电源 Power supply	额定功率 Rating power	额定压力 Rated pressure	工作压力 Work pressure	油箱容量 Capacity of oil box	组框最大尺寸 Max. frame dimension	组框最小尺寸 Min. frame dimension	外型尺寸 Overall dimension
ZMA4-CNC-2000×3000	380V/50Hz	3.7KW	20MPa	0.5~0.8MPa	60L	2000×3000mm	450×450mm	4700×2450×1330mm

LZJA-120A

铝门窗转刀式组角机

Rotary knife group angle machine for aluminum windows and doors



性能特点

- 换刀方式为刀架旋转换刀及锁紧，换刀速度 3 秒。常用刀具安装好后，可长期固定使用。
- 调整方式为手轮调整。手轮配合计数器，调节精准，加工各种型材时，记住数值。更换型材时，调整到所需数值，就完成了位置调节。
- 定位为气动升降加电动调节。
- 气动升降增加了工作中型材放料、取料的方便。
- 电动调节。更换型材时，免去了定位板的拆卸时间，定位板可上下电动调节。
- 前方工作区距离组角点的距离很近，适合各种身高的工作人员。
- 优化了电路设计，最大程度减少不做功时的油缸行程，每个组角加工周期可比同数快三分之一秒左右，省时、省电。
- 机械传动结构为光轴加铜套，机械结构中应用最多的滑动结构，长时间和高负荷的工作条件下，磨损量小。

Main Feature

- The way of tool change is that the tool post is rotated and locked, and the tool change speed is 3 seconds. After the commonly used tools are installed, they can be fixed for long-term use.
- The adjustment method is handwheel adjustment. The handwheel is matched with the counter to adjust accurately, and remember the value when processing various profiles. When changing the profile, adjust to the required value to complete the position adjustment.
- Positioning is pneumatic lifting and electric adjustment.
- Pneumatic lifting increases the convenience of discharging and reclaiming the profile during work.
- Electric adjustment eliminates the need for disassembly time of the positioning plate when changing the profile, and the positioning plate can be adjusted electrically up and down.
- The tool working area is very close to the corners of the group, suitable for staff of various heights.
- The circuit design is optimized to minimize the cylinder stroke when not doing work. The processing cycle of each group angle can be 1/3 faster than the same model, saving labor, time and electricity.
- The mechanical transmission structure is an optical shaft and a copper sleeve. The sliding structure is the most used in the mechanical structure, and the wear is minimal under long term and high-load working conditions.

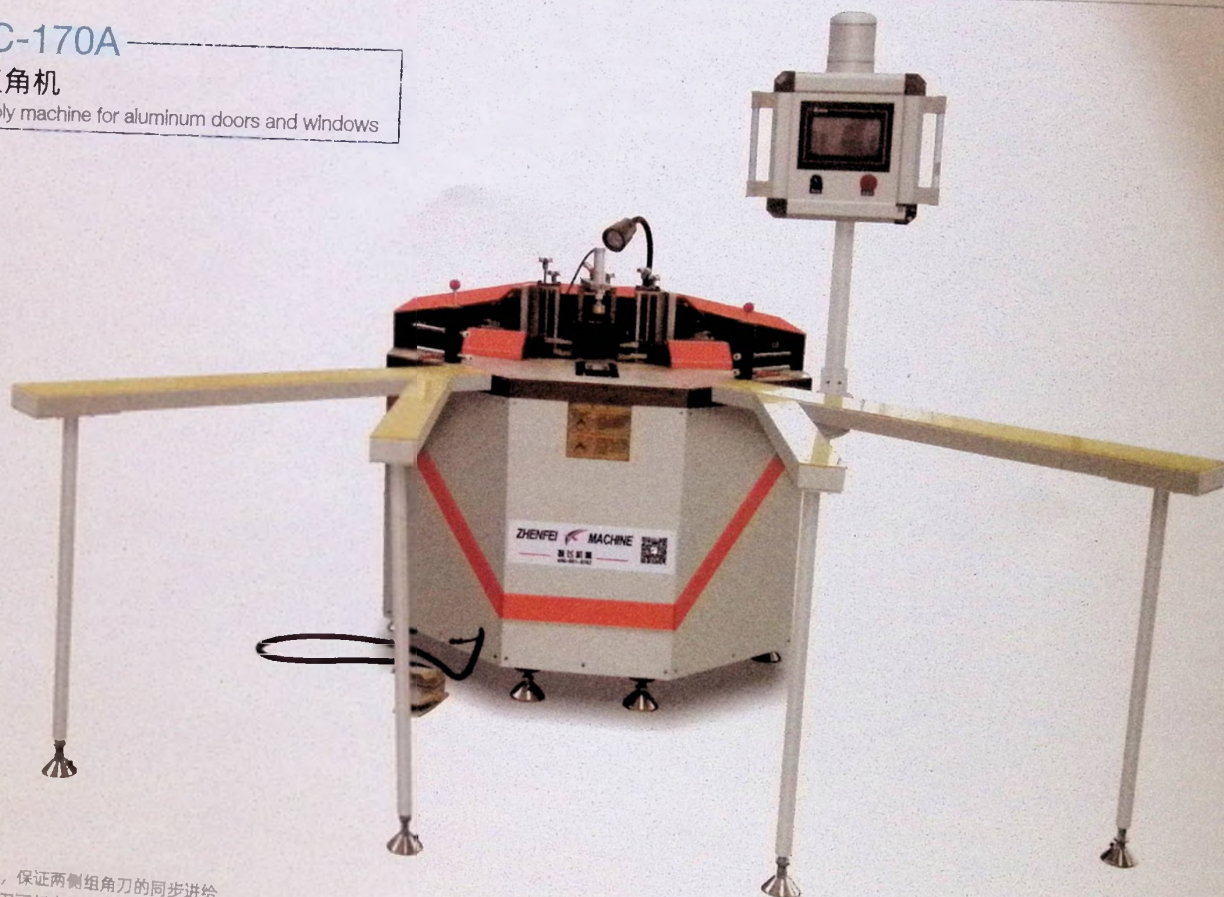
技术参数 Technical Parameter

型号 Model	电源 Power supply	额定功率 Rated power	额定压力 Rated pressure	油箱容量 Capacity of oil box	适应型材最大高度 Adapt to the maximum height of profile	组角缸运动行程 Group angle cylinder stroke	外形尺寸 Overall dimension
LZJA-120A	380V/50Hz	2.2kW	10MPa	42L	120mm	98mm	1300×1200×1500mm

ZMA-CNC-170A

铝门窗数控组角机

CNC corner assembly machine for aluminum doors and windows



性能特点

- 主进给结构部分采用连杆机构，保证两侧组角刀的同步进给。
- 组角刀可单独快速更换，每片刀可任意上下调整高度，有独立的快速夹紧机构。
- 可储存每种型材的组角数据，使用时调出即可。
- 行业内新增扫码读取数据功能，响应速度快。
- 定位和进给速度可以任意调整，加工效率高。
- 所有的数据及参数都是触摸屏调整和控制，组角的位置及深度无需机械调整。
- 悬臂式操作箱，既方便调整加工数据，又不占设备空间。

Main Feature

- The main feed structure adopts a connecting rod mechanism to ensure synchronous feed of the angle cutters on both sides.
- The corner cutter can be quickly replaced separately, and each blade can be adjusted in height up and down at will, with an independent quick clamping mechanism.
- It can store the angle data of each type of profile and can be called up during use.
- New scanning and data retrieval function added in the industry, with fast response speed.
- The positioning and feed speed can be adjusted arbitrarily, resulting in high processing efficiency.
- All data and parameters are adjusted and controlled by touch screen, and the position and depth of the group corners do not require mechanical adjustment.
- The cantilever type operation box is convenient for adjusting processing data without occupying equipment space.

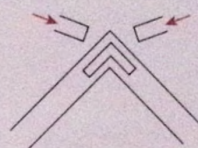
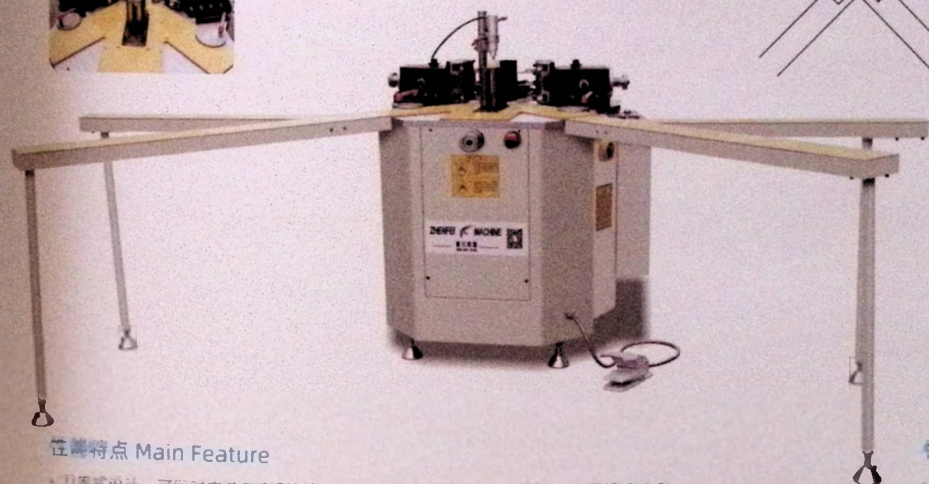
技术参数 Technical Parameter

型号 Model	电源 Power supply	额定功率 Rating power	工作压力 Work pressure	加工型材高度 Processing profile height	外形尺寸 Overall dimension
ZMA-CNC-170A	380V/220V 50Hz	4.25KW	0.5~0.8MPa	Max. 170mm	1700×1300×1900mm

ZMA-160A

铝门窗重型组角机

Heavy duty corner combining machine for aluminum doors and windows



性能特点 Main Feature

- 刀架式设计，可同时安装三套型材加工刀具，刀架旋转换刀及锁紧，换刀速度3秒。
- 手轮调整配合计数器，调节精准。
- 定位为气动升降加电动调节，气动升降增加了工作中型材放料、取料的方便，电动调节，更换型材时，免去了定位板的拆卸时间，定位板可上下电动调节。
- 机械传动结构为光轴加铜套，机械结构中应用最多的滑动结构，长时间和高负载的工作条件下，磨损最小。
- 采用风冷液压站，保证长时间高负荷工作中的动力稳定。
- Tool magazine design, can install three sets of profile processing tools at the same time; the tool holder rotates to change and lock the tool, and the tool change speed is 3 seconds.
- The handwheel is adjusted to match the counter for precise adjustment.
- The positioning is pneumatic lifting and electric adjustment. The pneumatic lifting increases the convenience of discharging and positioning the profile during work. Electric adjustment eliminates the time for disassembly of the positioning plate when changing the profile. The positioning plate can be adjusted electrically up and down.
- The mechanical transmission structure is an optical shaft and a copper sleeve. The most widely used sliding structure in mechanical structure. Under long term and high-load working conditions, the wear is minimal.
- Air-cooled hydraulic station is used to ensure the stability of power during long term and high-load work.

ZMA-140Z

铝门窗重型同步组角机

Heavy synchronous angle machine for aluminum door and window



性能特点 Main Feature

- 适用于角码结构型铝门窗90度角联接，通过组角刀的调整，可实现多位组角。
- 内定位可降至工作台以下，便于取放料。
- 由液压系统提供动力，使工作平稳可靠，采用气、电、液联和操作控制。
- 采用了机械联动新结构，消除了油压波动对组角质量的影响。
- 前后定位采用了上下可调，前后距离可调的定位装置，适用于加工不同断面形状和尺寸的型材。
- It is suitable for 90-degree angle connection of aluminum doors and windows with angle code structure. Through the adjustment of the angle dialler, the multi-position angle can be realized.
- The internal positioning can be lowered below the worktable for easy access to materials.
- Power is provided by the hydraulic system, which makes the work stable and reliable, and adopts pneumatic, electric, hydraulic and operation control.
- A new structure of mechanical linkage is adopted, which eliminates the influence of oil pressure fluctuations on the quality of the assembly angle.
- The front and rear positioning adopts a positioning device that is adjustable up and down, and the distance between the front and rear is adjustable, which is suitable for processing profiles with different cross-sectional shapes and sizes.

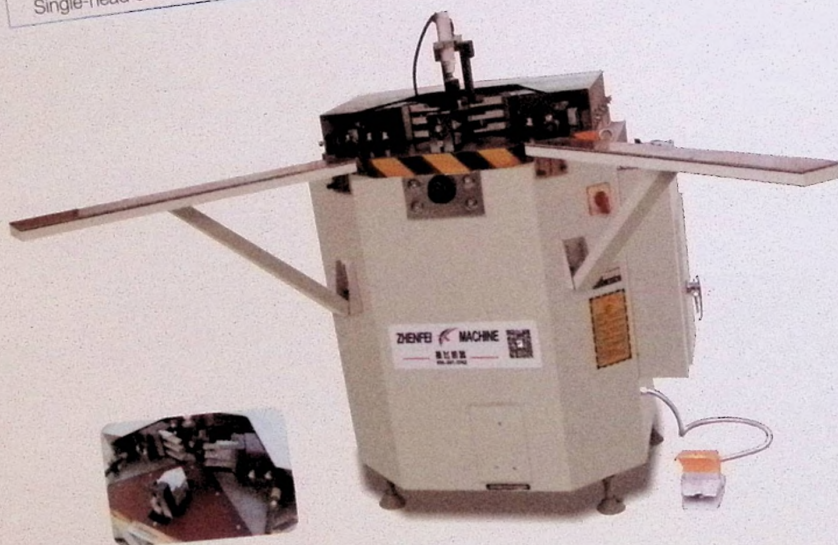
技术参数 Technical Parameter

型号 Model	电源 Power supply	功率 power	工作压力 Work pressure	额定液压 rated pressure	油箱容量 Capacity of oil box	组角缸运动行程 Group angle cylinder stroke	加工型材高度 Processing profile height	外形尺寸 Overall dimension
ZMA-160A	380V/220V 50Hz	3.0KW	0.5-0.8MPa	10MPa	42L	98mm	Max. 160 mm	1500x1400x1500mm
ZMA-140Z	380V/50Hz	3.0KW		10MPa	32L	98mm	Max. 140mm	1200x1200x1500mm

ZMA-140

铝门窗单头组角机

Single-head corner combining machine



性能特点 Main Feature

- 该机是高档铝门窗生产专用设备，适用于角码结构型铝门窗 90 度角连接。
- 采用了机械联动新结构，使组角完全同步。
- 定位采用了上升、下沉式，适用于加工不同断面形状和尺寸型材。
- 左右冲头采用刚性同步进给，避免组角过程的无益变形，使窗角连接更牢固。
- 同步进给机构使机器调整变得简单。
- Used for combination The 90° corner of high quality aluminum window and door.
- Adopt new mechanical linkage device, realized complete synchronous corner combining.
- The positioning adopts the rise and the sinking type, and is suitable for processing the shapes and sizes of the sections with different shapes and sizes.
- Left and right punching heads adopt hard synchronous feeding device, thus avoided useless deformation and made the connection more firmly.
- Easy machine setting due to the synchronous feeding device.

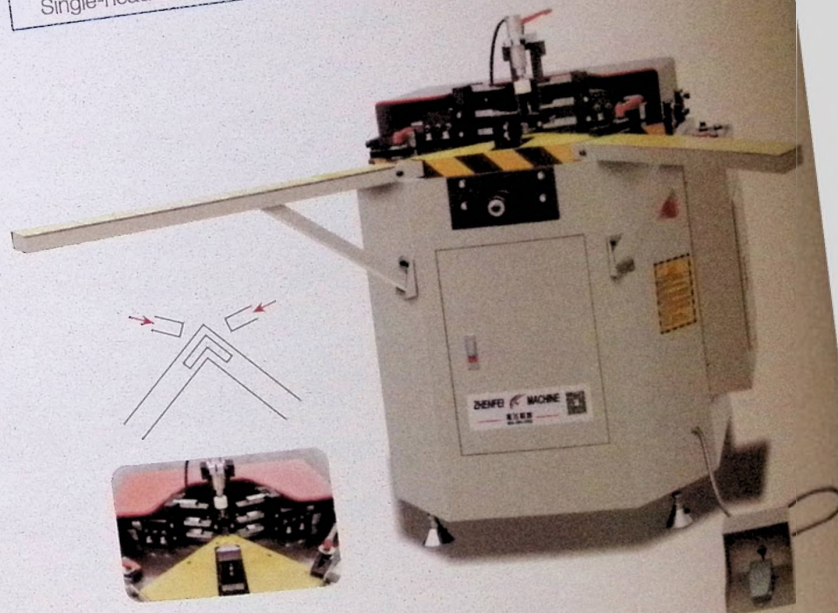
技术参数 Technical Parameter

型号 Model	电源 Power supply	额定功率 Rated power	额定压力 Rated pressure	油箱容量 Capacity of oil box	适应型材最大高度 Adapt to the maximum height of profile	组角缸运动行程 Angle cylinder stroke	外形尺寸 Overall dimension
ZMA-140	380V/50Hz	2.2KW	15MPa	20L	140 mm	98mm	1300×1300×1400mm
ZMA-140B	380V/50Hz	2.2KW	10MPa	20L	140mm	80mm	1100×1100×1300mm

ZMA-140B

铝门窗单头组角机

Single-head corner combining machine



性能特点 Main Feature

- 该机是高档铝门窗生产专用设备，适用于角码结构型铝门窗 90 度角连接。
- 采用气、电、液联和操作控制。
- 采用了机械联动新结构，消除了油压波动对组角质量的影响。
- 前后定位采用了上下可调，前后边距可调的定位装置，适用于加工不同断面形状和尺寸型材。
- This machine is a special equipment for the production of high-end aluminum doors and windows.
- Adopt gas, electricity, hydraulic connection and operation control.
- A new structure of mechanical linkage is adopted, which eliminates the influence of oil pressure fluctuation on the assembly angle.
- The front and rear positioning adopts up and down adjustable positioning devices with adjustable front and rear margin, are suitable for processing profiles with different cross-sectional shapes and sizes.

ZSZJM-CNC-800

铝门窗数控排料重型角码锯

CNC corner multiple roots cutting saw for aluminum win-door



性能特点

- 本机采用主轴电机直接驱动超薄硬质合金镀齿锯片，传动效率高，加工精度高，材料利用率高。
- 锯切部分运动副采用线性导轨，自动送料部分运动副采用滚珠丝杠，运行平稳，精度高。
- 具有自动计数功能，具有喷雾装置，即可提高加工精度，又可延长锯片使用寿命。

Main Feature

- This machine adopts the spindle motor to directly drive the ultra-thin carbide insert saw blade, which has high transmission efficiency, high processing precision and high material utilization rate.
- The movement pair of sawing part adopts linear guide, and the movement pair of automatic feeding part adopts ball screw. Smooth operation and high precision.
- With automatic counting function. With spray device, the machining accuracy can be improved, and the service life of the saw blade can be prolonged.

技术参数 Technical Parameter

型号 Model	电源 Power supply	输入功率 Input power	电机转速 Motor rotation speed	工作气压 Working air pressure	锯切长度 Cutting length	锯片规格 Saw blade specification	锯切宽度×高度 Cutting width × height	外形尺寸 Overall dimension
ZSZJM-CNC-800	380V/50Hz	3.75kW	3400r/min	0.5~0.8MPa	5~550mm	Φ500×Φ30×4.4mm	250×150mm	5060×1650×1500mm

ZJM-CNC-500

铝门窗数控角码锯

CNC corner connector cutting saw

可定制

ZJM-CNC-450 铝门窗数控角码锯

性能特点 Main Feature

- 采用数控操作系统，方便快捷，精度高。
- 专用于铝门窗角码的切割，自动输入切割件数。
- 人工只需一次安装型材，所有的加工过程由机器自动完成。
- 进口直线轴承运动副，保证稳定的进给精度。
- 专用硬质合金锯片，液压阻尼缸推动切割进给。
- It adopts numerical control operating system, which is convenient, fast and high precision.
- Specially used for cutting corner codes of aluminum doors and windows, and automatically input the number of cut places.
- You only need to install the profile once manually, and all the processing processes are automatically completed by the machine.
- Imported linear bearing motion pair ensures stable feeding accuracy.
- Special hard alloy saw blade, hydraulic damping cylinder to drive cutting feed.

ZJM-450

铝门窗全自动角码锯

Corner connector cutting saw

可定制

ZJM-500 铝门窗全自动角码锯

性能特点 Main Feature

- 主要用于铝门窗角码型材下料切割。
- 只需一次装夹，便可实现 6 米角码型材的连续切割。
- 刀具采用硬质合金锯片，电机功率大，切削速度高、生产率高、加工精度高。
- 进给运动副采用直线运动轴承，运动阻力小，精度高。
- 工作装夹、锯切进退采用气动系统控制，操作方便，安全可靠，生产率高。
- Mainly used for cutting of corner code profiles of aluminum doors and windows.
- Only one clamping can realize continuous cutting of 6-meter corner profile.
- The cutting tool adopts cemented carbide saw blade, the motor power is large, the cutting speed is high, the productivity is high, and the machining accuracy is high.
- The feed motion pair adopts linear motion bearings, which has low motion resistance and high precision.
- The work clamping and sawing advance and retreat are controlled by a pneumatic system, which is easy to operate, safe and reliable, and has high productivity.

技术参数 Technical Parameter

型号 Model	电源 Power supply	输入功率 Input power	电机转速 Motor rotation speed	工作气压 Working air pressure	锯片进给速度 Saw blade feed speed	锯片规格 Saw blade specification	锯切范围*高度 Cutting width*height	外形尺寸 Overall dimension
ZJM-CNC-500	380V/50Hz	3.0kW	2800r/min	0.6~0.8MPa	0~3m/min	Φ500×Φ30mm×4.4mm	135×200mm	1500×1400×1700mm
ZJM-450	380V/50Hz	2.2kW	2800r/min	0.5~0.8MPa	0~3m/min	Φ450×Φ30mm×4.4mm	120×200mm	1240×1300×1800mm



LZ3F-100×300

铝塑型材高效仿形铣(自动下沉)

Efficient copy-routing drilling machine



性能特点 Main Feature

- 适用于铝塑型材的各类型孔、槽、流水槽等的仿形加工。
- 最新改进的轴承座结构，可方便地更换皮带，调整了产品结构。
- 精密加工直线轴承导轨，使铣刀运动稳定灵活，操作轻松自如。
- 选用高硬度刀头配合加工主轴轴承，使铣刀装夹简便易行。
- It is suitable for the profiling processing of various shaped holes, grooves, water grooves, etc. of aluminum profiles.
- The newly improved bearing seat structure can easily replace the belt and complete the product structure.
- Precisely machined linear bearing guides make the movement of the milling cutter stable and flexible and the operation easy and fast.
- Choose advanced milling cutter chuck to work with the spindle taper to make the milling cutter clamping simple and easy.

技术参数 Technical Parameter

型号 Model	电源 Power supply	输入功率 Input power	电机转速 Motor rotation speed	工作气压 Working air pressure	铣刀直径 Cutter diameter	仿形范围 Copy-routing range	外形尺寸 Overall dimension
LZ3F-100×300	380V/50Hz	1.1kW	5000r/min	0.5~0.8MPa	Φ5、Φ8mm	250×100mm	850×750×1500mm
LZ3F-100×300	380V/50Hz	1.5kW	5000r/min	0.5~0.8MPa	Φ5、Φ8mm	250×100mm	850×750×1500mm

LZ3F-100×300

铝塑型材高效仿形铣(手动下沉)

Efficient copy-routing drilling machine



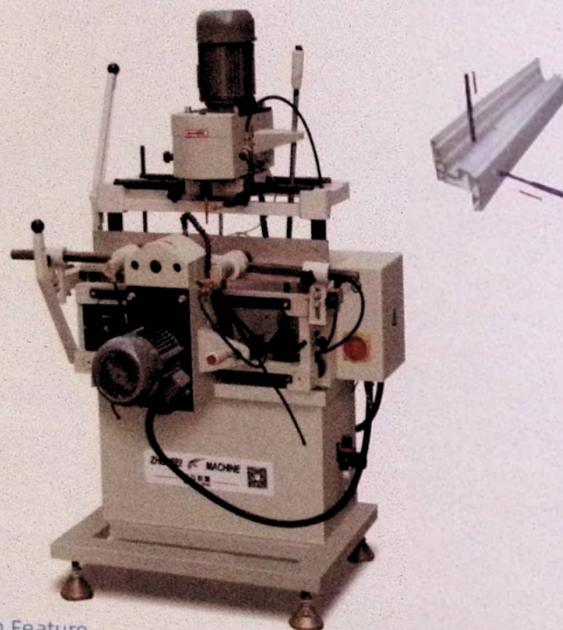
性能特点 Main Feature

- 用于铝门窗或幕墙的各类型孔、槽、流水口等的铣削加工。
- 本机结构紧凑，造型美观。
- 型材夹紧采用气动控制，安全可靠。
- 靠模调整简单，更换方便。
- 适用范围广，实现连续加工，生产效率高，操作简单安全。
- It is used for milling of various types of holes, grooves, spouts, etc. of aluminum doors, windows or curtain walls.
- This machine has compact structure and beautiful appearance.
- The profile clamping adopts pneumatic control, which is safe and reliable.
- The profiling is easy to adjust and easy to replace.
- Wide application range, continuous processing, high production efficiency, simple and safe operation.

ZLXF2-100×300

铝型材双头仿形铣床

Double-head copy-routing drilling machine



性能特点 Main Feature

- 该机床用于铝门窗的各类型孔、槽、流水槽等的仿形加工。
- 设有垂直和水平两个动力头，实现垂直和水平方向连续加工。
- 采用仿形模板和辅助定位两种仿形方式。
- 结构紧凑、体积小。
- This machine tool is used for the profiling processing of various types of holes, tongue grooves, and water grooves of aluminum doors and windows.
- There are two power heads, vertical and horizontal, to realize continuous processing in vertical and horizontal directions.
- It adopts two profiling methods: profiling template and auxiliary positioning.
- Compact structure and small size.

技术参数 Technical Parameter

型号 Model	电源 Power supply	输入功率 Input power	电机转速 Motor rotation speed	工作气压 Working air pressure	铣刀直径 Cutter diameter	仿形范围 Copy-routing range	外形尺寸 Overall dimension
ZLXF2-100×300	380V/50Hz	2×0.75kW	5000r/min	0.5~0.8MPa	Φ5、Φ8mm	290×90mm	870×700×1500mm
LSHJ-01	380V/50Hz	3.3kW	2800r/min	0.5~0.8MPa	钻孔直径 Φ10~12mm	开槽宽度 16×160mm	800×695×1000mm

LSHJ-01

立式锁盒一体机

Vertical lock-hole machine



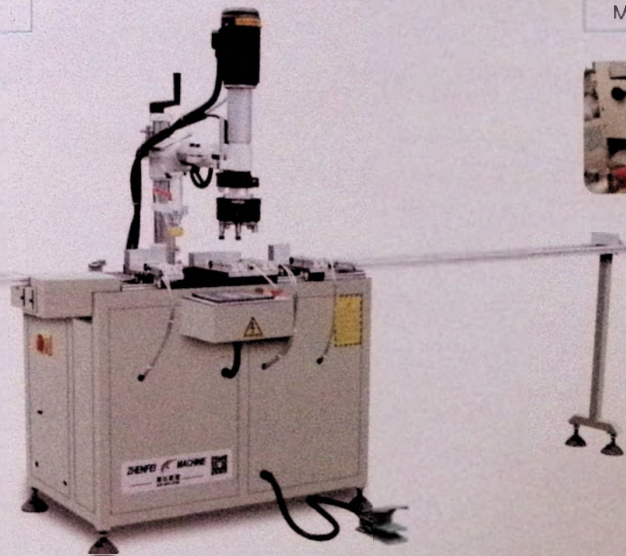
性能特点 Main Feature

- 本机适用于断桥铝平开门窗型材锁具部位的加工，采用的是钻孔及铣槽的方式完成相关操作。
- 工作台两侧各有一对定尺杆一副，可调节定位型材加工长度。
- 钻头规格一般为Φ10mm×2+Φ12mm，铣刀规格Φ200mm，厚度t=16mm。
- 刀具可实现上下、前后调节，钻包可以调节钻头间距，操作非常方便。
- This machine is suitable for processing the lock parts of aluminum casement doors and windows of broken bridges. It uses drilling and slot milling methods to complete related operations.
- There is a pair of fixed-length rods on both sides of the worktable, which can adjust the processing length of the positioning profile.
- The drill bit size is generally Φ10mm×2+Φ12mm, the milling cutter size is Φ200mm, and the thickness t=16mm.
- The cutter can be adjusted up and down, forward and backward, and the drill bag can adjust the distance between the drill bits, which is very convenient to operate.

BYZC-CNC-200

数控中挺百叶钻孔一体机

CNC central stile & louver drilling machine



ZTZ-03

中挺打孔机

Middle stile punch machine



性能特点 Main Feature

- 适用于铝塑型材的中挺、百叶各类型孔等多个复杂工序高效加工，数控系统控制，操作简单、高效。
- 该机代替人工划线及手枪钻孔等多个复杂工序，高效提高加工精度和数倍的工作效率。
- 多工位降低工人的劳动强度，钻孔间距及速度都可任意调整，不需单独定制模具，适合各种型材。
- 数控送料系统由伺服电机、联轴器、丝杠、直线运动副组成，具有送料没有余料的特点。
- It is suitable for high-efficiency processing of multiple complex processes such as various types of holes of aluminum-plastic profiles and shutters. It is controlled by a numerical control system, and the operation is simple and efficient.
- This machine replaces multiple complicated processes such as manual marking and pistol drilling, which effectively improves the processing quality and several times the work efficiency.
- The labor intensity of workers is greatly reduced, the drilling distance and speed can be adjusted arbitrarily, no separate custom molds are required, and it is suitable for various profiles.
- The CNC feeding system is composed of a servo motor, a coupling, a lead screw, and a linear motion pair, which has the characteristics of no remaining material in the feeding.

性能特点 Main Feature

- 适用于门窗中挺型材的打孔，操作简单，易于维护。
- 该机依加工刀头数量划分为双头、三头、四头等几种机型，钻床刀具转速为 12000 转 / 分钟。
- 随机配有刀具夹头，能实现 $\Phi 5$ 、 $\Phi 8$ mm 等孔径的钻铣加工。
- 刀具加工行程为 80mm，孔位中心距可调，调整范围为最小 20- 最大 110mm，可调整支撑架实现距离切换。
- 结构紧凑，体积小。
- It is suitable for performing stile profiles in doors and windows, with simple operation and easy maintenance.
- This machine can be divided into double-head, three-head, four-head, etc. according to the number of cutter heads. The drilling speed of the drilling machine is 12,000 rpm.
- It is equipped with tool chuck, which can realize drilling and milling of $\Phi 5$, $\Phi 8$ mm and other apertures.
- The machining stroke of the tool is 80mm, the center distance of the hole position is adjustable, and the adjustment range is from a minimum of 20 to a maximum of 110mm, and the support frame can be adjusted to realize distance switching.
- Compact structure and small size.

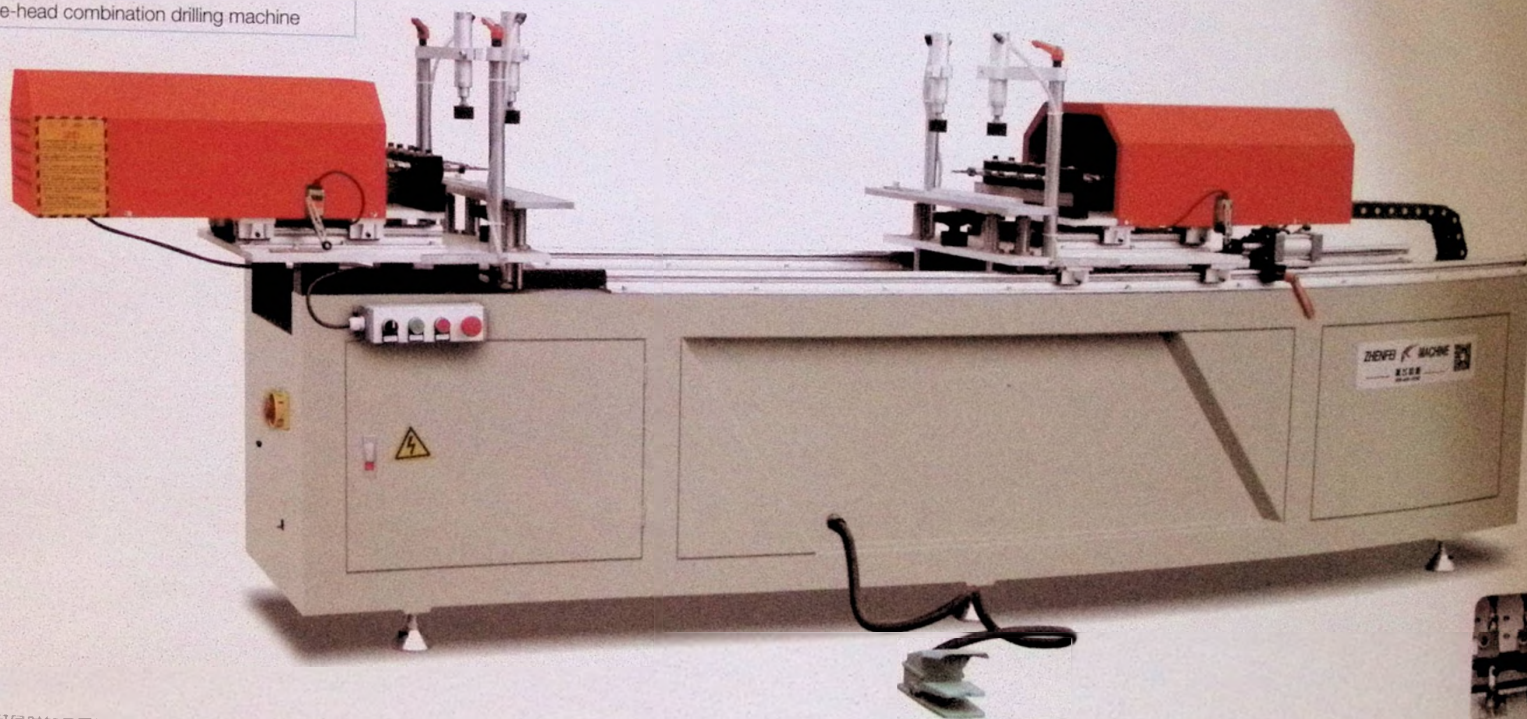
技术参数 Technical Parameter

型号 Model	电源 Power supply	输入功率 Input power	工作气压 Working air pressure	电机转速 Motor rotary speed	钻头调整距离 Adjustment distance of drill bit	钻头规格 Bit specification	外形尺寸 Overall dimension
BYZC-CNC-200	380V/50Hz	1.1KW	0.5-0.8MPa	2800r/min	20-112mm	3-7mm	1500×800×1700mm
ZTZ-03	380V/50Hz	1.1KW	0.6-0.8MPa	1200r/min		$\Phi 5$ 、 $\Phi 8$ mm	750×580×1800mm

LSJL-2000

卧式双头铰链机

Double-head combination drilling machine



性能特点

- 一次装夹可同时加工两便共 8 个孔，加工效率极高。
- 特别适合大批量加工窗扇，减少劳动强度，节约成本。
- 一次成型，速度快，效率高，加工准确。
- 拖板与导轨使用直线运动副，机头运动灵活，平稳。
- 采用高精度多轴钻包，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。

技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	工作压力 Working air pressure	钻孔直径 Drilling diameter	孔距 Hole distance	钻头进给行程 Bit feed stroke	外形尺寸 Overall dimension
LSJL-2000	380V/50Hz	3.0kW 1400r/min	0.5~0.8MPa	Φ3~15mm	20~240mm	60mm	3000×800×1000mm

Main Feature

- A total of 8 holes on both sides can be processed at the same time in one clamping, and the processing efficiency is extremely high.
- It is especially suitable for mass processing window sashes, reducing labor intensity and saving costs.
- One-time molding, fast speed, high efficiency and accurate processing.
- The carriage and the guide rail use linear motion pair, and the movement of the machine head is flexible and stable.
- The high-precision multi-axis drill package is adopted, and the key rotating parts are all precision imported bearings to ensure processing accuracy and service life.
- Foot switch controls the action, easy to operate.

ZLZ6-13

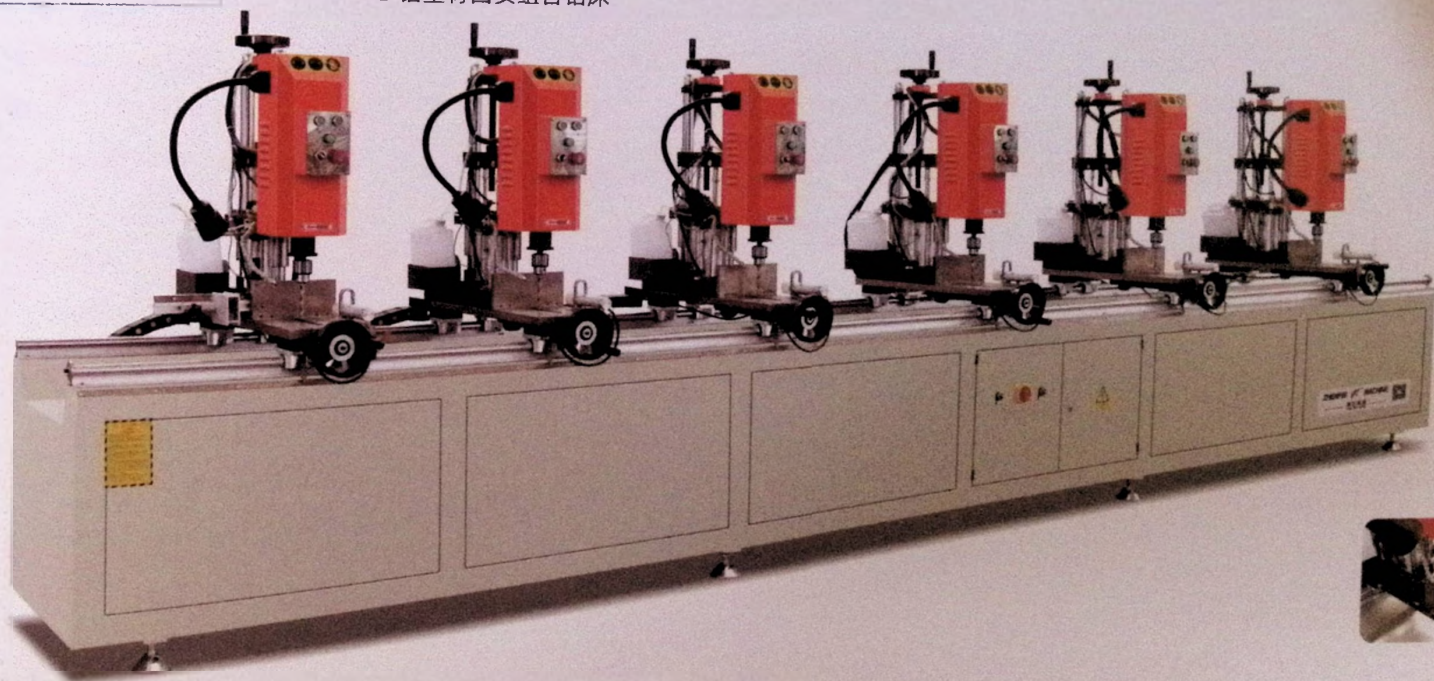
铝型材六头组合钻床

Six-head combination drilling machine

可定制

ZLZ5-13 铝型材五头组合钻床

ZLZ4-13 铝型材四头组合钻床



性能特点

- 采用可编程控制器 (PLC) 控制, 保证了设备运行的稳定性及可靠性。
- 钻头可实现单动、双动及联动加工, 也可任意自由组合。
- 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。
- 采用气液阻尼控制进给, 进给平稳, 进给速度线性可调。

Main Feature

- The use of programmable controller (PLC) control ensures the stability and reliability of the equipment operation.
- The drill bit can realize single-action, double-action and linkage processing, and can also be combined freely.
- It is suitable for profiles with a cross section not exceeding 250×250mm, and the maximum processing length is 5000mm.
- Multi-head drill seat can be installed to meet the simultaneous processing of multiple groups of holes.
- The feed is controlled by gas-liquid damping, the feed is stable, and the feed speed is linearly adjustable.

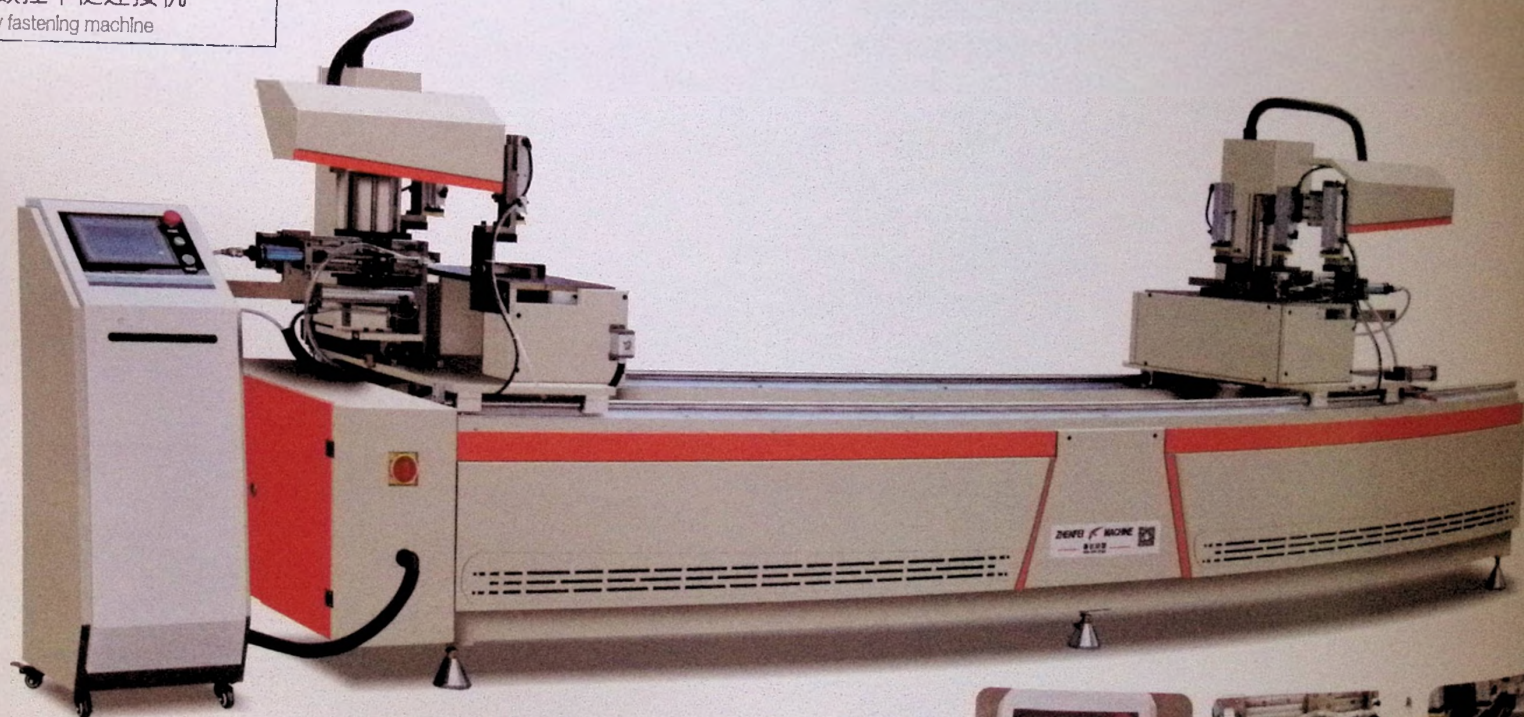
技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率/转速 Motor power/Speed	钻孔直径 Borehole diameter	两孔孔间距 Distance between two boreholes	加工最大截面尺寸 Max cross-sectional dimension for machining	钻头进给行程 Bit feed stroke	工作台尺寸 Table size	外形尺寸 Overall dimension
ZLZ6-13	380V/50Hz	6×1.5kW 1400r/min	Φ4-13mm	300-5000mm	250×250mm	125mm	300×200mm	6000×1000×1900mm
ZLZ5-13	380V/50Hz	5×1.5kW 1400r/min	Φ4-13mm	300-5000mm	250×250mm	125mm	300×200mm	6000×1000×1900mm
ZLZ4-13	380V/50Hz	4×1.5kW 1400r/min	Φ4-13mm	300-4000mm	250×250mm	125mm	300×200mm	5500×1000×1900mm

ZTZ-CNC-02

铝门窗数控中挺连接机

CNC screw fastening machine



性能特点

- 采用高精度步进电机 + 丝杠组合，保证孔位精准。
- 采用高扭矩气动马达，保证了连接的牢固性。
- 可保存常用型材，直接调取孔位数据，无需再次对刀。
- 采用专业供钉系统，运行稳定不卡钉。
- 系统简洁，操作同等便捷，简单培训即可进行操作。
- 左右机头可一次性完成中挺型材两端连接，免去了来回调转型材的繁重工作。
- 结构紧凑，噪音低，节能环保。

技术参数 Technical Parameter

型号 Model	电源 Power supply	电机功率 Motor power	外形尺寸 Overall dimension	重量 Weight
ZTZ-CNC-02	220V/50Hz	1.0KW	4600x1600x1500mm	About 800kg

Main Feature

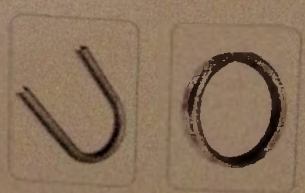
- Using high-precision stepping motor + screw combination to ensure accurate hole position.
- The high-torque air motor is used to ensure the firmness of the connection.
- Commonly used profiles can be saved, and the hole position data can be directly retrieved without the need for tool calibration again.
- The professional nail supply system is adopted, and the operation is stable without jamming.
- The system is simple, the operation is simple and easy to understand, and the operation can be carried out with simple training.
- The left and right machine heads can complete the screw connection of the two ends of the middle stile at one time, avoiding the cumbersome work of adjusting the transformation material.
- Compact structure, low noise, environmental protection and energy saving.



LWC-95
铝型材数控滚弯机
Automatic CNC roll bending machine

铝合金门窗设备
Aluminum Doors and Windows Machine

塑料门窗设备
PVC Doors and Windows Machine



性能特点

适用于各种金属型材及塑料型材（铝合金门窗型材，隔热断桥型材）的圆弧加工作业。
 整机采用自动数控系统及专用的弯曲软件，操作简单方便。
 采用先进的数控系统，进行系统补偿，加工精度高。
 可在任意位置进行加工，满足各种需求。

Main Feature

- It is suitable for the bending and processing operations of various metal profiles or plastic profiles (aluminum alloy doors and windows profiles, heat-insulating and broken bridge profiles).
- The machine adopts a fully automatic numerical control system and special arc bending software, and the operation is simple and convenient.
- System compensation can be carried out according to the rebound data of the profile, and the processing accuracy is high.
- It adopts numerical control hydraulic system to ensure accurate positioning.
- Its product performance reaches European advanced CNC arc bending machine standards.

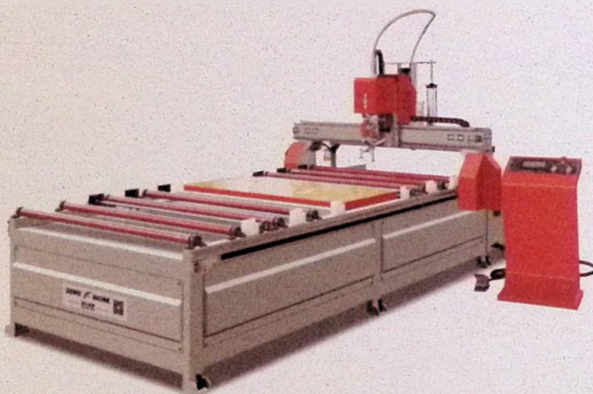
技术参数 Technical Parameter

型号 Model	功率 Power supply	输入功率 Input power	加工型材最大宽度 Max. width of profile	固定轮中心距 Fixed wheel center distance	液压缸压力 Hydraulic cylinder pressure	主轴转速 Rotation speed of shaft	上料最大行程 Top roll travel	外形尺寸 Overall dimension
LWC-95	380V/50Hz	3.0kW	150mm	350-750mm	20T	1-6/min	200mm	1150*1050*1050mm

DJJ-02CY

全自动门窗打胶机

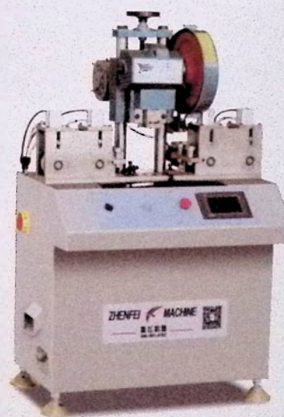
Full-automatic door and window gluer



SKC-01

百叶窗数控冲床

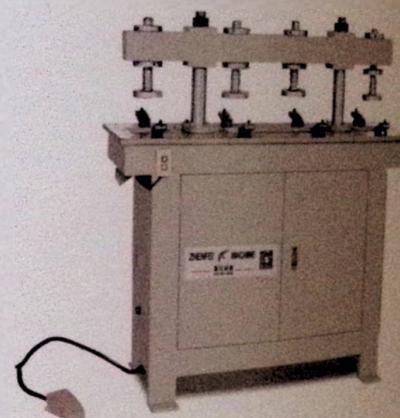
CNC shutters punching machine



HSZYJ-120

铝门窗双柱液压冲床

Double-column punchine machine



ZLY6-50

铝门窗液压六座压力机

Six-station Punching Machine



ZLY1-16

铝门窗压力机

Pressing machine for aluminum win-door



HJJ-01

铝门窗护角机

Corner protection machine for aluminum win-door



FHJ-01

高精度滚压复合机

Rolling compound machine

性能特点 Main Feature

- 本机采用3组硬质滚压轮，将开齿并穿好隔热条或熟料异材的断桥铝型材压合牢固，形成一整根断桥铝型材。
- 电动调整六组刀盘，电动调整尼龙辊，具备双轴电动调整功能，可快速更换不同型材。
- 全封六组 (6WD)，六个滚轮都带主动刀，受力均匀。
- 每组刀盘上下宽度都可以任意调整，不用垫片，适用不同宽度的各种隔热条。
- 变频器无级调速，直线运动，精密丝杠推进。
- The machine uses 3 sets of hard rolling wheels to firmly press the broken aluminum profile that is toothed and worn with heat insulation strips or other materials to form a whole broken aluminum profile.
- Electric adjustment of six groups of cutter heads, electric adjustment of nylon rollers, with dual-axis electric adjustment function, can quickly change different profiles.
- Full-time six-wheel drive (6WD), six rollers are equipped with active blades, and the force is even.
- The upper and lower width of each group of cutter heads can be adjusted arbitrarily, no gasket is needed, and various heat insulation strips of different widths are suitable.
- Inverter stepless speed regulation, linear motion, precision lead screw advancement.

KC-90B

开齿穿条一体机

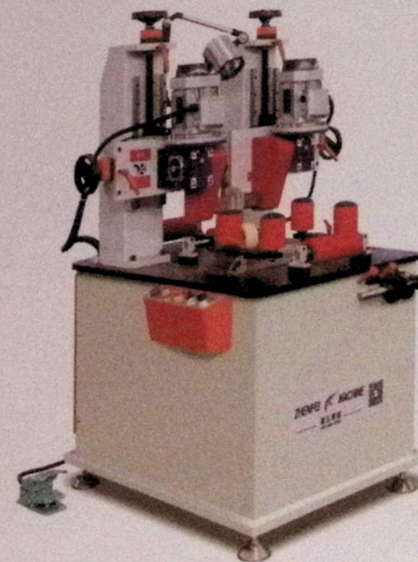
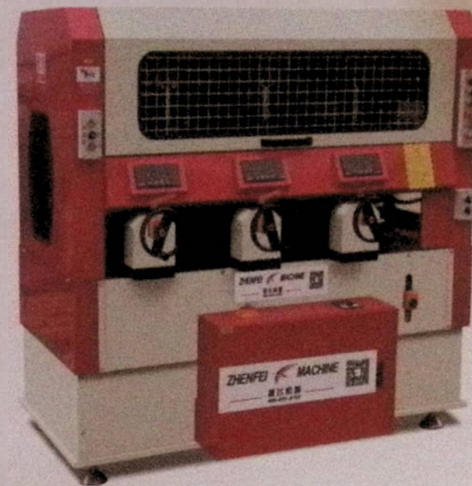
Knurling & strip feeder machine

性能特点 Main Feature

- 本机是生产隔热铝型材的专用设备，主要是将铝型材的槽口上开齿和打毛，起到加大型材的横向剪切力的作用。
- 配有自动穿条机构及自动启停感应器，在开齿的同时直接穿入隔热条。
- 开齿机构及穿条机构各机头位置均可上下左右调节，所有对不同高度的型材、隔热条都非常实用。
- This machine is a special equipment for the production of heat-insulating aluminum profiles. It is mainly used to cut and rough the grooves of the aluminum profiles to increase the transverse shear force of the large materials. It is equipped with an automatic striping mechanism and automatic start-stop induction. The device is directly inserted into the heat insulation strip when the teeth are being opened.
- The positions of the heads of the gear opening mechanism and the threading mechanism can be adjusted up, down, left, and right, all of which are very practical for profiles and heat insulation strips of different heights.

技术参数 Technical Parameter

型号 Model	电源 Power supply	功率 Input power	开齿刀直径 Tooth cutter diameter	传送速度 Transfer speed	型材最大加工尺寸 Max. processing size of profile	左右两开齿刀间距 Spacing of gear cutters	托料架尺寸 Auxiliary frame	主机尺寸 Host size
FHJ-01	380V/50Hz	3.6kW	/	变频调速 0-60m/min	W250xH300mm	/	5000x420x850mm	1550x1050x1700mm
KC-90B	380V/50Hz	1.5kW	Φ90mm	变频调速 10-60m/min	W250xH300mm	8-250mm	5000x420x850mm	1000x1100x1400mm



WFH4-4500

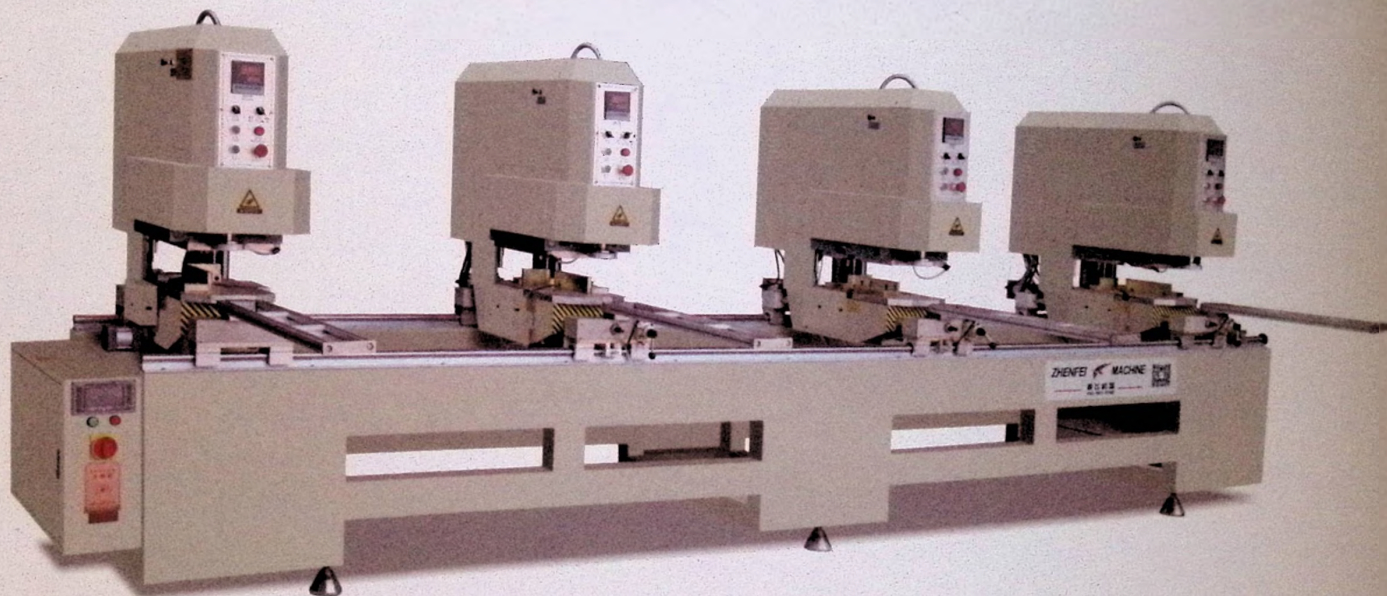
塑料门窗焊清（无缝）四位焊接机

Welding seam cleaning (seamless) four-position welding machine

可定制

WFH2-4500 塑料门窗焊清（无缝）二位焊接机

WFH3-4500 塑料门窗焊清（无缝）三位焊接机



性能特点

- 专业用于焊接彩色型材，焊接完后第一次将焊缝清理完成。
- 机身采用高刚性箱体结构，承载能力强，不易变形。
- 本机配置自动吹气装置，能清除焊花自动吹落。
- 本机机头移动为气动装置，操作方便，稳定，工作效率高。
- 加热板上下移动采用直线导轨运动机构，保证焊板上下移动精准平整。
- 本机压板设计采用高精度方型导轨保证焊板的直线度及平整度。
- 本机配有独特的机头锁紧机构，夹紧效果确切，长期使用不会损坏。

Main Feature

- Professional for welding color profiles, welding can be completed after a one-time clearing of the welding.
- Fuselage with high rigidity frame welding, load-bearing ability, not easy to deformation.
- The machine is equipped with automatic blowing device, can cut off the out welding automatically.
- The machine head moves for pneumatic brakes, easy to operate, stable, high efficiency.
- Hot plate up and down the use of linear sliding rail movement machinery to ensure accurate winding up and down the stability of the board.
- The operation of the local pressure clamp design using high-precision square guide to ensure the linear and flatness of welding.
- The machine is equipped with a unique head locking mechanism, locking effect of strong welding, long-term use will not be damaged.

技术参数 Technical Parameter

型号 Model	电源 Power supply	功率 Input power	工作气压 Working air pressure	焊接型材长度 Welding range	焊接型材高度 Welding height	外形尺寸 Overall dimension
WFH4-4500	220V/50Hz	4.5kW	0.5-0.8MPa	400-4500mm	20-100mm	5300*900*1450mm

WFH4-4500

塑料门窗无缝四位焊接机(下无缝)

Four-head PVC seamless welding machine

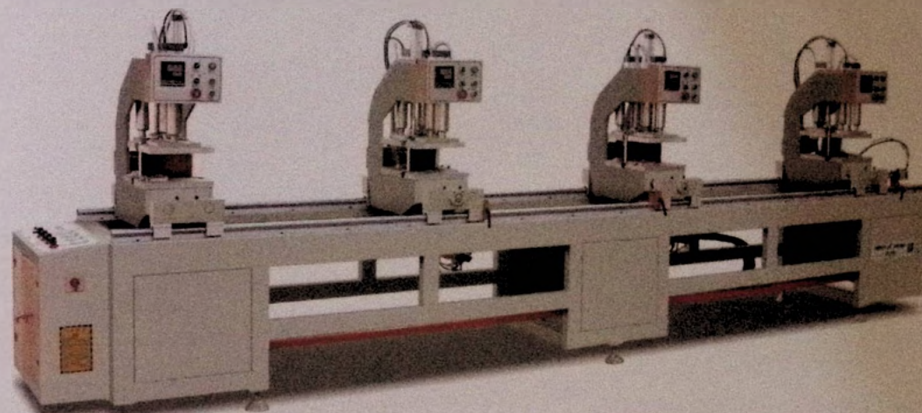
产品特点 Main Feature

塑料门窗四位无缝焊接机焊接后将焊缝一次性清理完成, 并可以严格控制焊缝宽度大小, 因此对彩色型材焊接完成后, 表面焊接口十分美观、高档、焊缝强度与原有型材的角度度。
PVC doors and windows four seamless welding machine welding is completed with flash disposable cleaning is completed, and can strictly control the welding gap size, so the surface welding is very beautiful, high-grade, welding strength is higher than the original profile angle strength.

可定制

WFH2-4500 塑料门窗无缝二位焊接机(下无缝)

WFH3-4500 塑料门窗无缝三位焊接机(下无缝)



SHZY4-4500

塑料门窗四点焊接机

PVC win-door 4-head welding machine

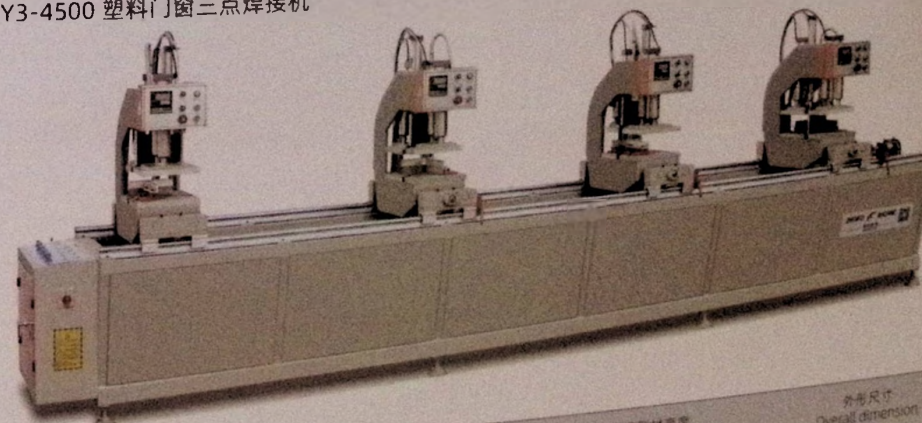
产品特点 Main Feature

本机四个机头采用 PC 机控制, 可焊接 L 型、U 型、T 型、十字型、异型等, 运动副采用 CM 无油润滑轴承和直线运动球轴承, 精度高、操作简单、维修方便; 四个头可以分别单独, 也可任意组合联动; 通过四个机头的有顺序完成焊接工艺; 一个机头具有焊接任意角的功能, 满足了用户对焊接圆角、异型等的需求。
The four heads are controlled by PC system and drove pneumatically. Its movement stand adopts CM no-oil lubricating bearing and liner ball bearing. So it is of high precision, easy operation and convenient maintenance. Its four heads can work individually and jointly. The machine can complete the welding skill through the combination of four heads. One of the heads can weld various angles, which can meet the need of welding an arc and other special-shaped windows.

可定制

SHZY2-4500 塑料门窗二点焊接机

SHZY3-4500 塑料门窗三点焊接机



技术参数 Technical Parameter

型号 Model	电源 Power supply	功率 Input power	工作气压 Working air pressure	焊接型材范围 Welding range	焊接型材高度 Welding height	外形尺寸 Overall dimension
WFH4-4500	220V/50Hz	4.5KW	0.6~0.8MPa	Min:400mm Max:4500mm	H=120mm W=140mm	5300×800×2350mm
SHZY4-4500	220V/50Hz	4.5KW	0.5~0.8MPa	Min:400mm Max:4500mm	H=20~100mm W=120mm	5300×900×1650mm

SJV-60

铝塑型材精密中挺切割锯

Precision mullion cutting saw



性能特点 Main Feature

- 本机装配精度极高, 大大延长机器使用寿命, 减少维修故障率。
- 配有两台高精度主轴电机, 工作噪音小, 锯片摆动小, 使用寿命长。
- 配有快速升降定位装置, 调整不同高度型材时, 极为方便精准。
- 工作台升降为精密方形导轨运动副, 解决了老式复合套与轴运动的间隙大带来的偏差问题。
- The assembly precision of this machine is extremely high, which greatly prolongs the service life of the machine and reduces the maintenance failure rate.
- Equipped with two high-precision spindle motors, the working noise is small, the saw blade swing is small, and the service life is long.
- Equipped with a fast lifting positioning device, it is extremely convenient and accurate when adjusting profiles of different heights.
- The lifting of the worktable is a precision square guide rail movement pair, which solves the deviation problem caused by the large gap between the old composite sleeve and the shaft movement.

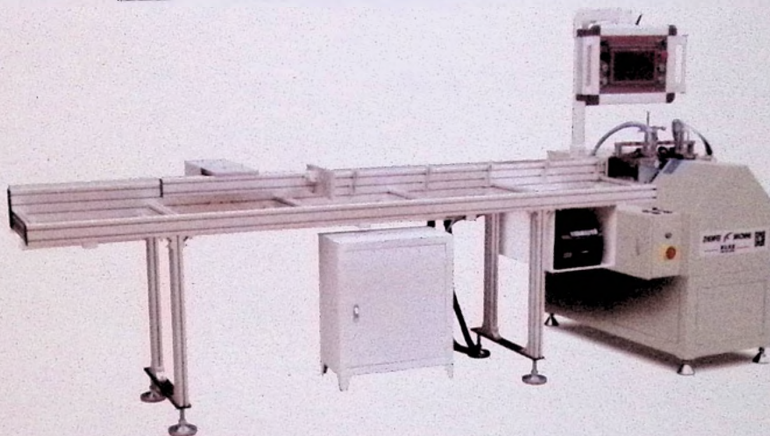
技术参数 Technical Parameter

型号 Model	电源 Power supply	输入功率 Input power	锯片转速 Saw blade speed	进给速度 Feed rate	切割深度 Cutting depth	切割厚度 Cutting thickness	锯片规格 Saw blade specification	工作压力 Working air pressure	耗气量 Air consumption	外形尺寸 Overall dimension
SJV-60	380V/50Hz	2×2.2kW	2800r/min	/	/	/	Φ450×Φ30×4 Z=100	0.5-0.8MPa	/	7500×2160×1800mm
YXJ-45D	380V/50Hz	3×1.1kW	2800r/min	/	/	/	Φ255mm Φ120mm	0.5-0.8MPa	15L/min	1380×5400×350mm
LJVW-60	380V/50Hz	2×1.1kW	2800r/min	10-50mm/s	260-2000mm	40mm	Φ300×3.2×25.4×120	0.5-0.8MPa	30L/min	4630×1420×1160mm
					0-60mm	≤120mm				

YXJ-45D

铝合金圆弧压条 45 度切割锯 (蓝牙)

45 degree cutting saw for aluminum alloy circular arc layering



性能特点 Main Feature

- 本机为公司多项专利产品, 填补行业空白, 解决压线冲切时对型材的划伤问题, 以及员工用手锯切割时对人员的伤害危险等问题。
- 配置主轴电机, 精度高, 锯片使用寿命长。
- 采用数显定尺。(也可根据用户需求选配数控定尺)
- 型材切割效果完美, 行业首创。对家装及系统窗的压线美观度大大提升。
- 不同型材需要配做不同模具。
- This machine is a number of patented products of the company, which fills the blank of the industry, solves the problem of scratching the profile when punching and punching, and the danger of injury to personnel when the staff uses manual saw cutting.
- This machine is equipped with a spindle motor with high precision and long service life of the saw blade.
- This machine uses a digital display. (You can also choose the CNC fixed length according to user requirements)
- The cutting effect of the profile is perfect and the industry is the first. The pressure line of the home decoration and system window is greatly improved.
- Different profiles need to be matched with different molds.

LJVW-60

塑料门窗 V 型口切割锯

V-shaped cutting saw



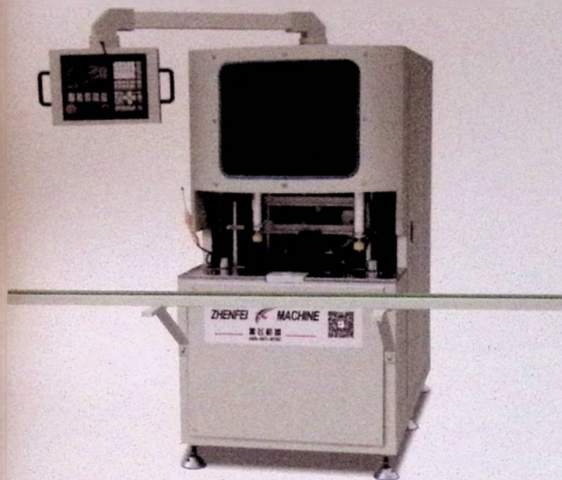
性能特点 Main Feature

- 本机用于切割铝塑门窗型材的 90° V 形槽的专用设备, 适用于材料厚度小于等于 120mm, 一次性完成切割, 是铝塑门窗加工的必要设备。
- This machine is a special equipment for cutting 90° V-shaped grooves of aluminum plastic door and window profiles. It is suitable for the material thickness of less than or equal to 120mm. It can be cut at one time. It is a necessary equipment for processing aluminum plastic doors and windows.

SQJ(A/B)-(03/05/06)-180

塑料门窗数控角缝清理机

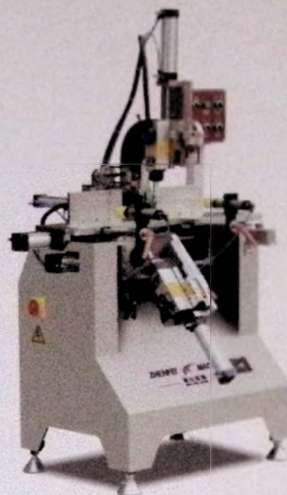
PVC win-door corner cleaning machine with CNC



SCX-60-3

塑料型材三轴变频高速水槽铣

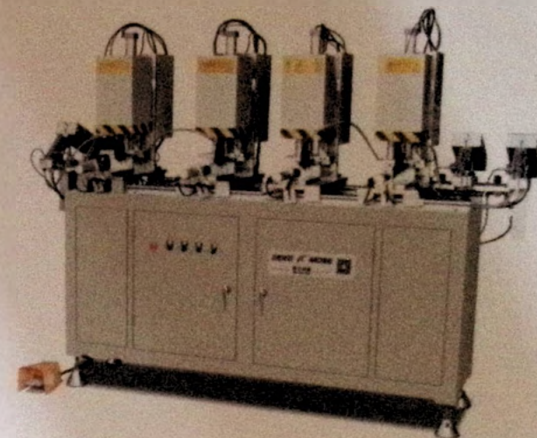
3-axis frequency conversion high-speed sink milling for PVC profile



EGLJ-4

自动四头(单头)钢衬螺钉紧固机

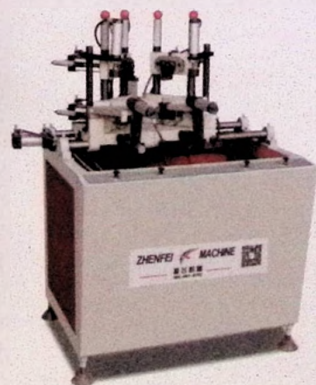
Four (single) head steel insert screw fastening machine



SQJ05-120

塑料门窗V形角缝清理机

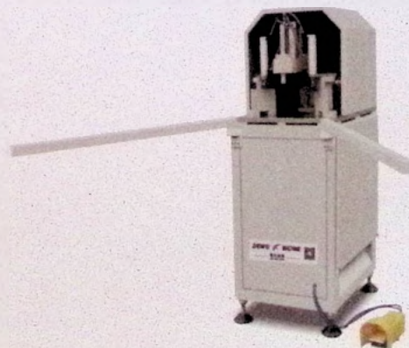
PVC win-door v-corner cleaning machine



SQJ06-120

塑料门窗角缝清理机

PVC win-door corner cleaning machine



SQJ05-120

封盖铣

Cap milling



SQJ05-120

圆弧窗机

Arc window machine



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